Table of Contents

Cooling Tower Depot Inc.
is ready to ship your parts via:



Don't know your wet bulb temperature? Use our reference guides on page 190 to find that and many other needed conversions and fact tables.

Payment Options

Credit Card/Check Cards

We accept VISA, MasterCard, American Express and Discover. No surcharge. Your account will not be charged until your order is shipped. When ordering, please advise name, card and credit card billing address.

Check or Money Order

You may pay by Check or money order in U.S. Funds, drawn on a U.S. bank.

Open Account

It is easy to open an account with Cooling Tower Depot. Contact us for obtaining open account status.

International Orders

All foreign orders must be prepaid with a credit card (see approved credit cards above), wire transfer, travelers check, cashiers check or money order drawn on a U.S. Bank is U.S. funds only.

Section	Page
New Towers	2-22
Rental Towers	24-25
Inspections	26
Repairs	27
Anchors and Straps	28-31
Basin Coatings	31
Bolting Hardware	32-52
Casing & Louvers - FRP	53-55
Drift Eliminators	56-58
Driveshafts/Couplings	59-71
Fan Deck	72
Fans & Parts	74-84
Fan Stacks - FRP	85-92
Fill	93-100
Flow Control Valves	101-106
Gearboxes and Parts	108-162
Hot Water Deck/Basin	163
Ladders - Escape/Access	164
Lumber	165-180
Motors	182-185
Nailing Hardware	186-188
Nozzles	189-191
Package Towers - FRP	192-195
Pultruded FRP Members	196-198
Vibration Switches	199
Fabricated Items	199-208
Fax Order Forms	209-210
Conversion Charts/Wet Bulb Charts	211-238
Depot Wear/CTI Logo Items	71, 240-242
Index	243-245

Free! the industries only Online Cooling Tower Design Program With Pricing. Beat That.

Copyright © 2007 Visit our web site at www.coolingtowerdepot.com for our full Terms and Conditions

CFD Series Cooling Tower Detail



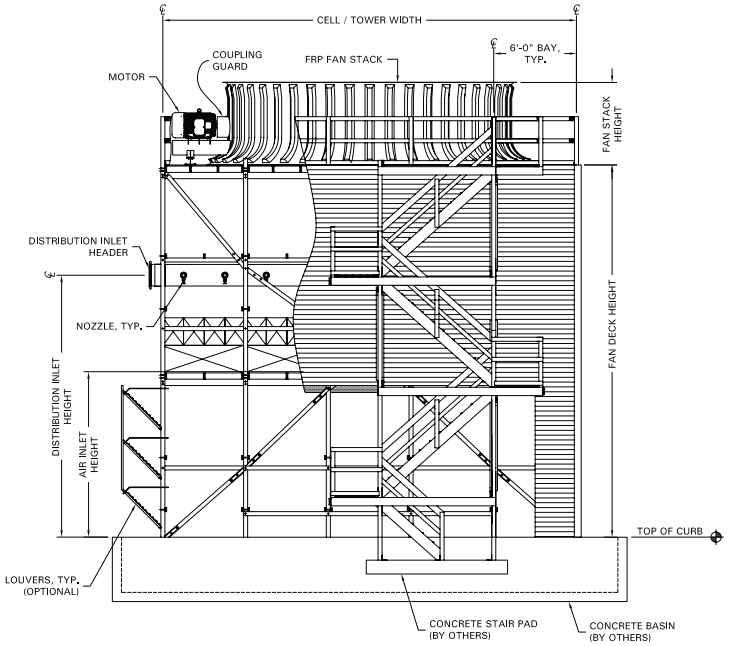
CFD Series

Counterflow - Film Fill - Douglas Fir Structure

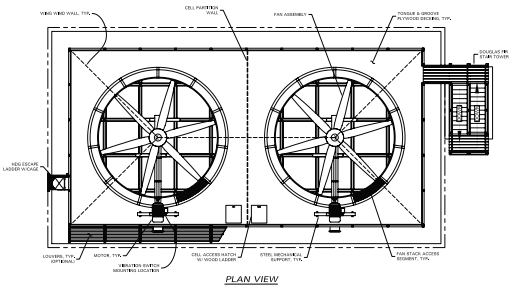
Heavy duty industrial counterflow film fill douglas fir tower structure. Low fouling and high performance film fill.

Low fouling and high performance film fill which optimizes tower size, pump head and thermal capacity.

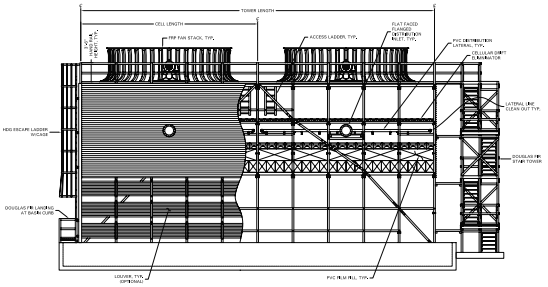
CFD Series Cooling Tower Drawing



TRANSVERSE ELEVATION



PLAN VIEW



LONGITUDINAL ELEVATION

COOLING TOWER DEPOT	PROJECT NAME AND LOCATION:	THIS DRAWING IS THE SOLE PROPERTY OF COOLING TOWER DEPOT INC. USE SHALL BE LIMITED TO THE PROJECT FOR WHICH IT IS INTENDED. NO REPRODUCTION SHALL BE MADE NOR SHALL THIS INFORMATION BE MADE AVAILABLE TO THIRD PARTIES WITHOUT THE PRIOR WRITTEN CONSENT BY COOLING TOWER DEPOT INC. ANY AND ALL PROPRIETARY RIGHTS TO THIS INFORMATION AND DESIGN ARE THE SOLE PROPERTY OF COOLING TOWER DEPOT INC.					
	MODEL NO.: CFD SERIES	REVISIONS					
	DWG NAME: GENERAL ARRANGEMENT	REV.	DESCRIPTION	DESIGNED BY:	CHECKED BY:	APPROVED BY:	DATE:
	DRAWING NUMBER: A-100 / JOB NUMBER: / SHEET: 1 of 1 / REV: 0	0					
	SCALE: NO SCALE / COMMENTS:	1					
		2					
		3					
		4					

COOLING TOWER DEPOT, INC
651 CORPORATE CIRCLE, STE. 206
GOLDEN, CO 80401
720-746-1234

JOB NUMBER: 0 | REV.
SCALE: NO SCALE | SHEET: 1 of 1
DRAWING NUMBER: A-100

Cooling Tower Depot | 651 Corporate Circle | Golden, CO 80401 | Toll Free 877.243.3945 | Phone: 720.746.1234 | Fax: 720.746.1110

Prices in this book are subject to change. For updated pricing, please call us at (877)-243-3945 or visit us online at www.coolingtowerdepot.com

Copyright © 2007 Visit our web site at www.coolingtowerdepot.com for our full Terms and Conditions

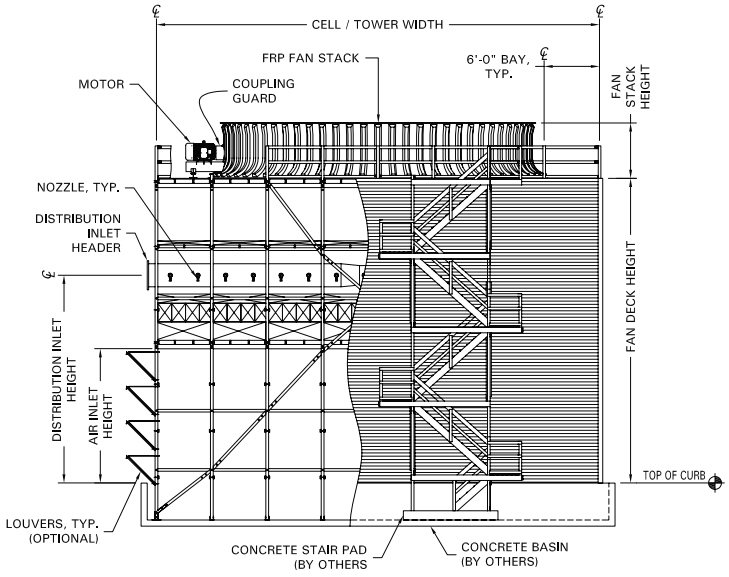
Ethanol Series Cooling Tower Detail



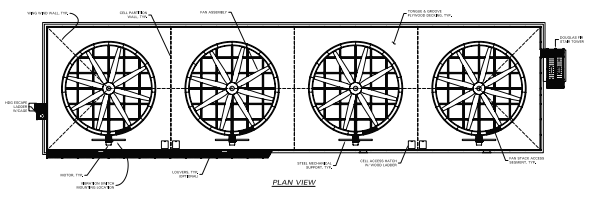
Ethanol Series
Counterflow - Film Fill - Douglas Fir Structure.

Heavy duty industrial counterflow film fill with multiple tower structures available. Low fouling and high performance film fill. Specifically designed for ethanol plant duty.

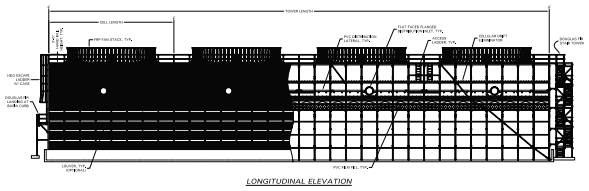
Ethanol Series Cooling Tower Drawing



TRANSVERSE ELEVATION



PLAN VIEW



LONGITUDINAL ELEVATION

COOLING TOWER DEPOT	PROJECT NAME AND LOCATION:	THIS DRAWING IS THE SOLE PROPERTY OF COOLING TOWER DEPOT INC. USE SHALL BE LIMITED TO THE PROJECT FOR WHICH IT IS INTENDED. NO REPRODUCTION SHALL BE MADE NOR SHALL THIS INFORMATION BE MADE AVAILABLE TO THIRD PARTIES WITHOUT THE PRIOR WRITTEN CONSENT BY COOLING TOWER DEPOT INC. ANY AND ALL PROPRIETARY RIGHTS TO THIS INFORMATION AND DESIGN ARE THE SOLE PROPERTY OF COOLING TOWER DEPOT INC.				
	MODEL NO.: ETHANOL SERIES	REVISIONS				
	DWG NAME: GENERAL ARRANGEMENT	REV. / DESCRIPTION / DESIGNED BY: / CHECKED BY: / APPROVED BY: / DATE:				
	DRAWING NUMBER: A-100 / JOB NUMBER: / SHEET: 1 of 1 / REV: 0	0				
	SCALE: NO SCALE / COMMENTS:	1				
		2				
		3				
		4				

COOLING TOWER DEPOT, INC
651 CORPORATE CIRCLE, STE. 206
GOLDEN, CO 80401
720-746-1234

JOB NUMBER: / REV.: 0
SCALE: NO SCALE / SHEET: 1 of 1
DRAWING NUMBER: A-100

Cooling Tower Depot | 651 Corporate Circle | Golden, CO 80401 | Toll Free 877.243.3945 | Phone: 720.746.1234 | Fax: 720.746.1110

COOLING TOWER DEPOT
The Depot of All Cooling Towers
www.coolingtowerdepot.com

Free! the industries only Online Cooling Tower Design Program With Pricing. Beat That. Free!

Copyright © 2007 Visit our web site at www.coolingtowerdepot.com for our full Terms and Conditions

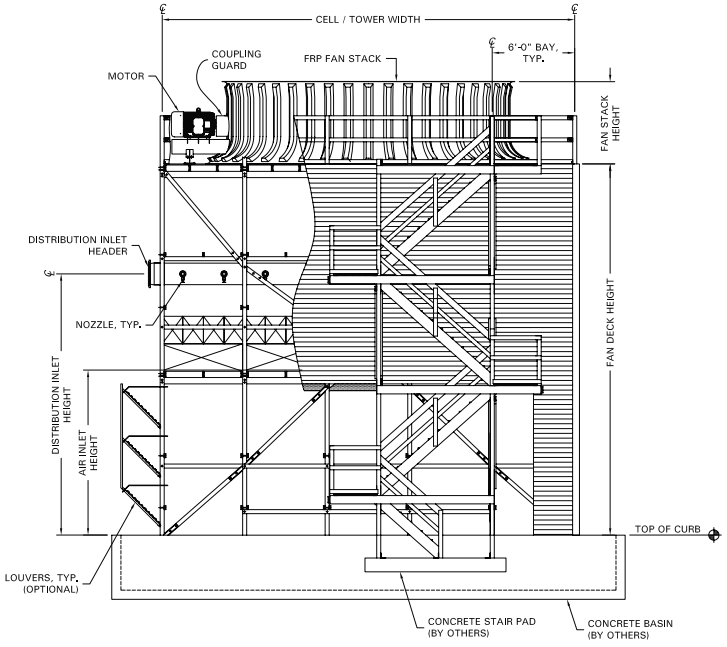
CFR Series Cooling Tower Detail



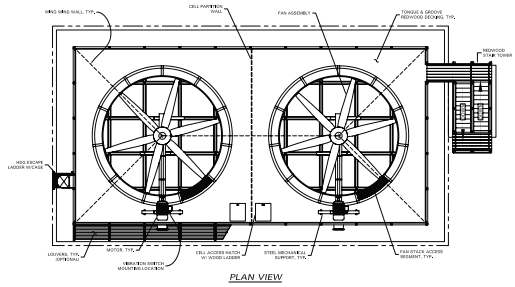
CFR Series
Counterflow - Film Fill - Redwood Structure.

Heavy duty industrial counterflow film fill redwood tower structure. Low fouling and high performance film fill.

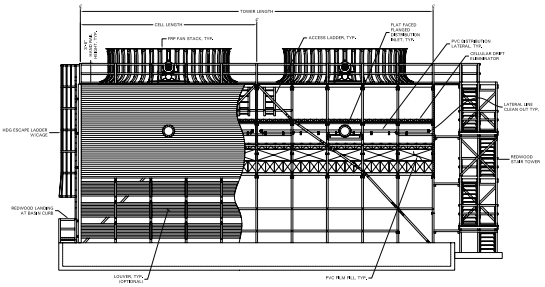
CFR Series Cooling Tower Drawing



TRANSVERSE ELEVATION



PLAN VIEW



LONGITUDINAL ELEVATION

COOLING TOWER DEPOT	PROJECT NAME AND LOCATION:	THIS DRAWING IS THE SOLE PROPERTY OF COOLING TOWER DEPOT INC. USE SHALL BE LIMITED TO THE PROJECT FOR WHICH IT IS INTENDED. NO REPRODUCTION SHALL BE MADE NOR SHALL THIS INFORMATION BE MADE AVAILABLE TO THIRD PARTIES WITHOUT THE PRIOR WRITTEN CONSENT BY COOLING TOWER DEPOT INC. ANY AND ALL PROPRIETARY RIGHTS TO THIS INFORMATION AND DESIGN ARE THE SOLE PROPERTY OF COOLING TOWER DEPOT INC.				
	MODEL NO.: CFR SERIES	REVISIONS				
	DWG NAME: GENERAL ARRANGEMENT	REV.	DESCRIPTION	DESIGNED BY:	CHECKED BY:	APPROVED BY:	DATE:
	DRAWING NUMBER: A-100 / JOB NUMBER: / SHEET: 1 of 1 / REV: 0	0					
	SCALE: NO SCALE / COMMENTS	1					
		2					
		3					
		4					

COOLING TOWER DEPOT, INC
651 CORPORATE CIRCLE, STE. 206
GOLDEN, CO 80401
720-746-1234

JOB NUMBER: / REV.: 0
SCALE: NO SCALE / SHEET: 1 of 1
DRAWING NUMBER: A-100

Cooling Tower Depot | 651 Corporate Circle | Golden, CO 80401 | Toll Free 877.243.3945 | Phone: 720.746.1234 | Fax: 720.746.1110

Prices in this book are subject to change. For updated pricing, please call us at (877)-243-3945 or visit us online at www.coolingtowerdepot.com

Copyright © 2007 Visit our web site at www.coolingtowerdepot.com for our full Terms and Conditions

CFF Series Cooling Tower Detail



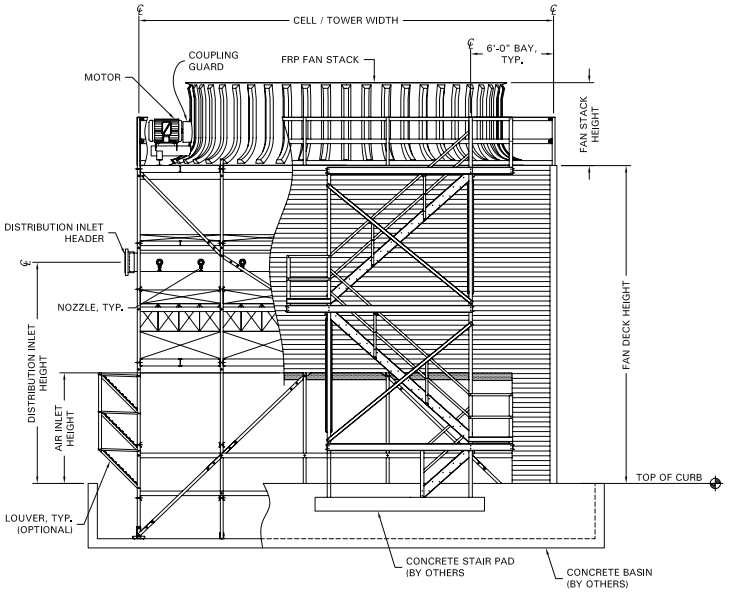
CFF Series

Counterflow - Film Fill - Pultruded FRP Structure

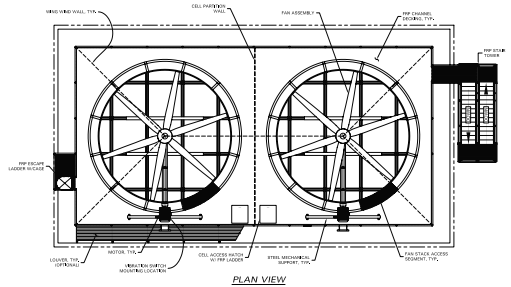
(Our most popular!)

Heavy duty industrial counterflow, available in pultruded FRP structure. Available with low fouling film fill, high efficiency film fill, or at your option, polypropylene splash fill for poor water quality.

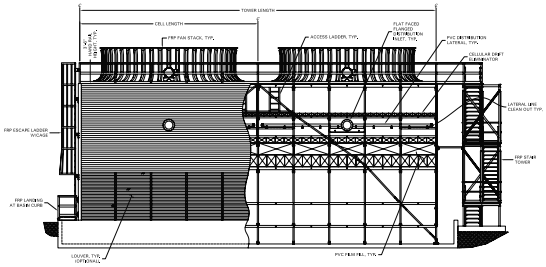
CFF Series Cooling Tower Drawing



TRANSVERSE ELEVATION



PLAN VIEW



LONGITUDINAL ELEVATION

COOLING TOWER DEPOT	PROJECT NAME AND LOCATION:	THIS DRAWING IS THE SOLE PROPERTY OF COOLING TOWER DEPOT INC. USE SHALL BE LIMITED TO THE PROJECT FOR WHICH IT IS INTENDED. NO REPRODUCTION SHALL BE MADE NOR SHALL THIS INFORMATION BE MADE AVAILABLE TO THIRD PARTIES WITHOUT THE PRIOR WRITTEN CONSENT BY COOLING TOWER DEPOT INC. ANY AND ALL PROPRIETARY RIGHTS TO THIS INFORMATION AND DESIGN ARE THE SOLE PROPERTY OF COOLING TOWER DEPOT INC.		JOB NUMBERS:	REV: 0
	MODEL NO.: CFF SERIES	REVISIONS		SCALE: NO SCALE	SHEET: 1 of 1
	DWG NAME: GENERAL ARRANGEMENT	REV. / DESCRIPTION / DESIGNED BY: / CHECKED BY: / APPROVED BY: / DATE:	COOLING TOWER DEPOT, INC 651 CORPORATE CIRCLE, STE. 206 GOLDEN, CO 80401 720-746-1234		DRAWING DOCUMENT NUMBER: A-100
	DRAWING NUMBER: A-100 / JOB NUMBER: / SHEET: 1 of 1 / REV: 0				
	SCALE: NO SCALE / COMMENTS				

Cooling Tower Depot | 651 Corporate Circle | Golden, CO 80401 | Toll Free 877.243.3945 | Phone: 720.746.1234 | Fax: 720.746.1110

Free! the industries only Online Cooling Tower Design Program With Pricing. Beat That.

Copyright © 2007 Visit our web site at www.coolingtowerdepot.com for our full Terms and Conditions

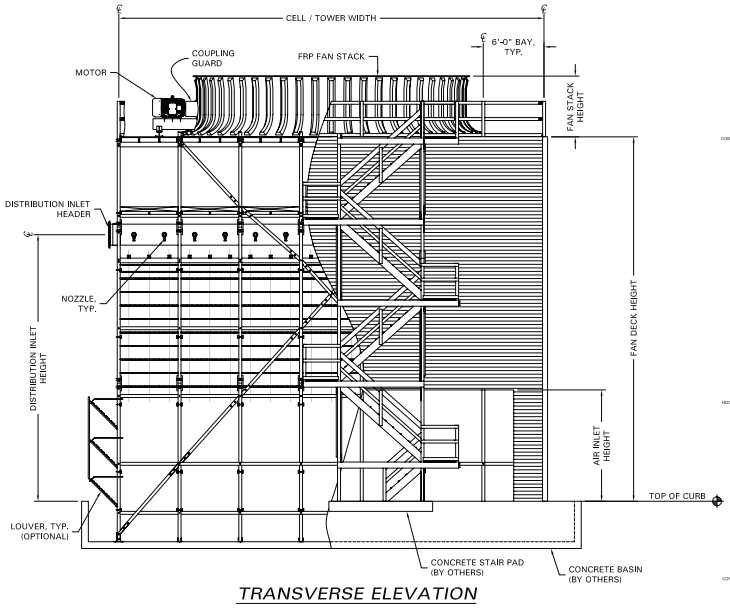
CSD Series Cooling Tower Detail



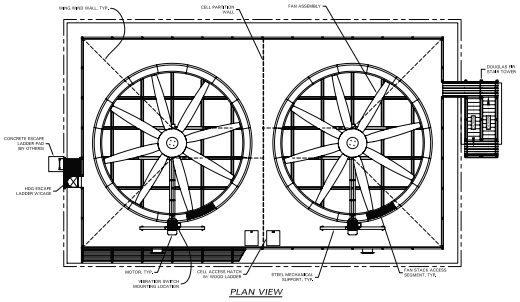
CSD Series
Counterflow - Splash Fill - Douglas Fir Structure.

Heavy duty industrial counterflow, available in douglas fir structure. Splash fill for poor water quality.

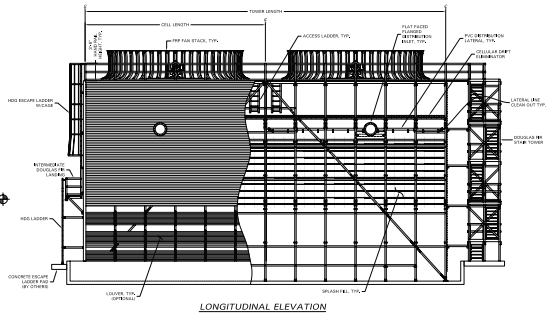
CSD Series Cooling Tower Drawing



TRANSVERSE ELEVATION



PLAN VIEW



LONGITUDINAL ELEVATION

COOLING TOWER DEPOT	PROJECT NAME AND LOCATION:	THIS DRAWING IS THE SOLE PROPERTY OF COOLING TOWER DEPOT INC. USE SHALL BE LIMITED TO THE PROJECT FOR WHICH IT IS INTENDED. NO REPRODUCTION SHALL BE MADE NOR SHALL THIS INFORMATION BE MADE AVAILABLE TO THIRD PARTIES WITHOUT THE PRIOR WRITTEN CONSENT BY COOLING TOWER DEPOT INC. ANY AND ALL PROPRIETARY RIGHTS TO THIS INFORMATION AND DESIGN ARE THE SOLE PROPERTY OF COOLING TOWER DEPOT INC.				
	MODEL NO.: CSD SERIES	REVISIONS					
	DWG NAME: GENERAL ARRANGEMENT	REV.	DESCRIPTION	DESIGNED BY:	CHECKED BY:	APPROVED BY:	DATE:
	DRAWING NUMBER: A-100 / JOB NUMBER: / SHEET: 1 of 1 / REV: 0	0					
	SCALE: NO SCALE / COMMENTS	1					
		2					
		3					
		4					

COOLING TOWER DEPOT, INC
651 CORPORATE CIRCLE, STE. 206
GOLDEN, CO 80401
720-746-1234

JOB NUMBER: / REV.: 0
SCALE: NO SCALE / SHEET: 1 of 1
DRAWING NUMBER: A-100

Cooling Tower Depot | 651 Corporate Circle | Golden, CO 80401 | Toll Free 877.243.3945 | Phone: 720.746.1234 | Fax: 720.746.1110

Prices in this book are subject to change. For updated pricing, please call us at (877)-243-3945 or visit us online at www.coolingtowerdepot.com

Copyright © 2007 Visit our web site at www.coolingtowerdepot.com for our full Terms and Conditions

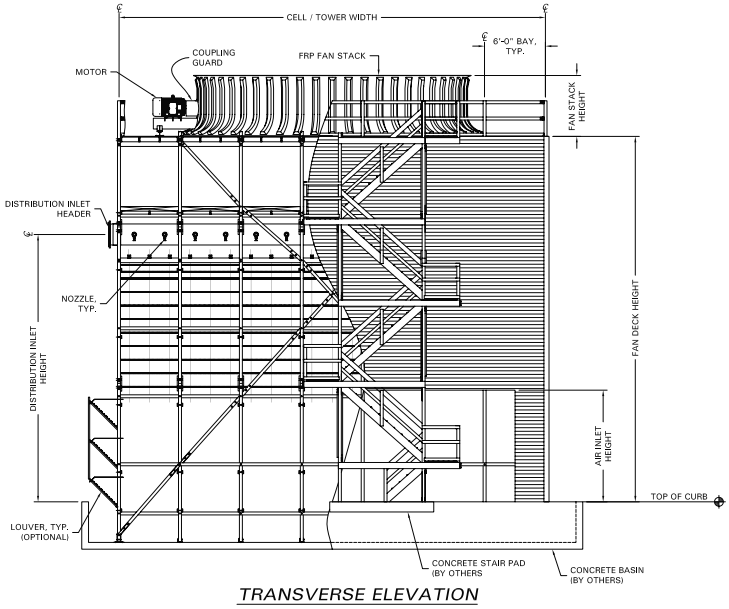
CSR Series Cooling Tower Detail



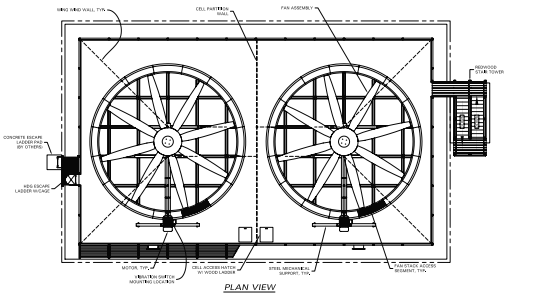
CSR Series
Counterflow - Splash Fill - Redwood Structure.

Heavy duty industrial counterflow, available in redwood structure. Splash fill for poor water quality.

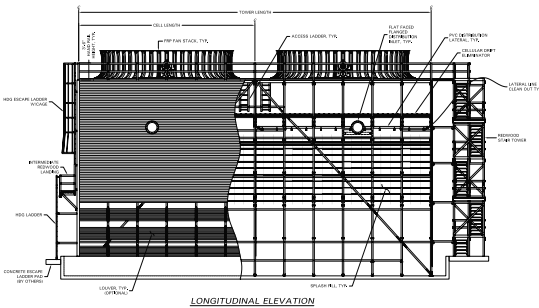
CSR Series Cooling Tower Drawing



TRANSVERSE ELEVATION



PLAN VIEW



LONGITUDINAL ELEVATION

COOLING TOWER DEPOT	PROJECT NAME AND LOCATION:	THIS DRAWING IS THE SOLE PROPERTY OF COOLING TOWER DEPOT INC. USE SHALL BE LIMITED TO THE PROJECT FOR WHICH IT IS INTENDED. NO REPRODUCTION SHALL BE MADE NOR SHALL THIS INFORMATION BE MADE AVAILABLE TO THIRD PARTIES WITHOUT THE PRIOR WRITTEN CONSENT BY COOLING TOWER DEPOT INC. ANY AND ALL PROPRIETARY RIGHTS TO THIS INFORMATION AND DESIGN ARE THE SOLE PROPERTY OF COOLING TOWER DEPOT INC.				JOB NUMBER: 0 / REV:
	MODEL NO.: CSR SERIES	REVISIONS					
	DWG NAME: GENERAL ARRANGEMENT	REV. / DESCRIPTION / DESIGNED BY: / CHECKED BY: / APPROVED BY: / DATE:					
	DRAWING NUMBER: A-100 / JOB NUMBER: / SHEET: 1 of 1 / REV: 0	0					
	SCALE: NO SCALE / COMMENTS:	1					
		2					
		3					
		4					

COOLING TOWER DEPOT, INC
651 CORPORATE CIRCLE, STE. 206
GOLDEN, CO 80401
720-746-1234

SCALE: NO SCALE | SHEET: 1 of 1 | DRAWING NUMBER: A-100

Cooling Tower Depot | 651 Corporate Circle | Golden, CO 80401 | Toll Free 877.243.3945 | Phone: 720.746.1234 | Fax: 720.746.1110

Free! the industries only Online Cooling Tower Design Program With Pricing. Beat That. Free!

Copyright © 2007 Visit our web site at www.coolingtowerdepot.com for our full Terms and Conditions

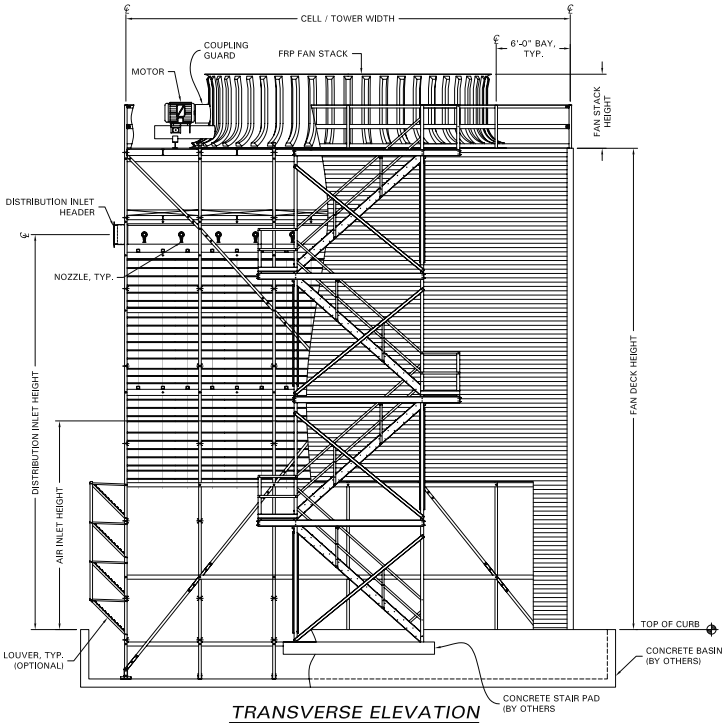
CSF Series Cooling Tower Detail



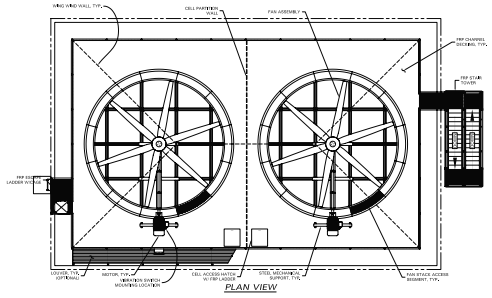
CSF Series
Counterflow - Splash Fill - Pultruded FRP Structure.

Heavy duty industrial counterflow, available with pultruded FRP structure. Splash fill for poor water quality.

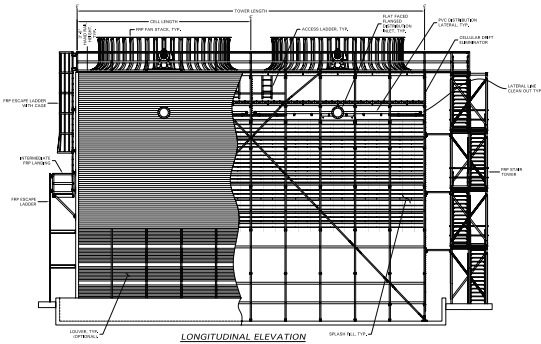
CSF Series Cooling Tower Drawing



TRANSVERSE ELEVATION



PLAN VIEW



LONGITUDINAL ELEVATION

COOLING TOWER DEPOT	PROJECT NAME AND LOCATION:	THIS DRAWING IS THE SOLE PROPERTY OF COOLING TOWER DEPOT INC. USE SHALL BE LIMITED TO THE PROJECT FOR WHICH IT IS INTENDED. NO REPRODUCTION SHALL BE MADE NOR SHALL THIS INFORMATION BE MADE AVAILABLE TO THIRD PARTIES WITHOUT THE PRIOR WRITTEN CONSENT BY COOLING TOWER DEPOT INC. ANY AND ALL PROPRIETARY RIGHTS TO THIS INFORMATION AND DESIGN ARE THE SOLE PROPERTY OF COOLING TOWER DEPOT INC.					JOB NUMBERS:
	MODEL NO.: CSF SERIES	REVISIONS					REV: 0
	DWG NAME: GENERAL ARRANGEMENT	REV.	DESCRIPTION	DESIGNED BY:	CHECKED BY:	APPROVED BY:	DATE:
	DRAWING NUMBER: A-100 / JOB NUMBER: / SHEET: 1 of 1 / REV: 0	0					SCALE: NO SCALE
	SCALE: NO SCALE / COMMENTS	1					SHEET: 1 of 1
		2					DRAWING NUMBER: A-100
		3					
		4					

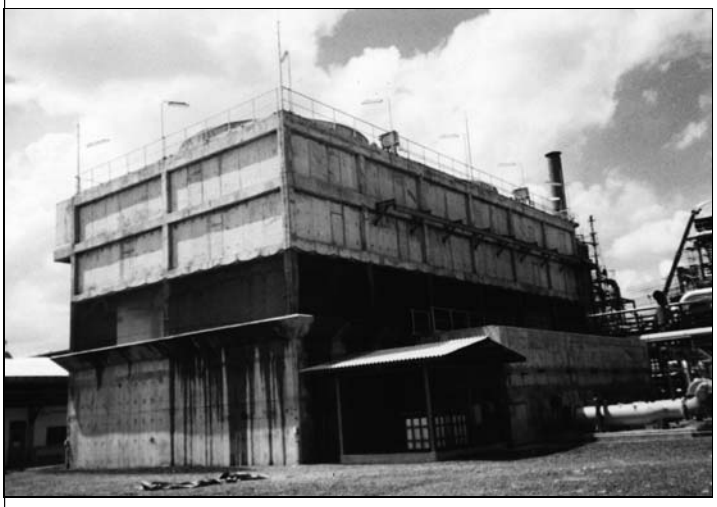
COOLING TOWER DEPOT, INC
651 CORPORATE CIRCLE, STE. 206
GOLDEN, CO 80401
720-746-1234

Cooling Tower Depot | 651 Corporate Circle | Golden, CO 80401 | Toll Free 877.243.3945 | Phone: 720.746.1234 | Fax: 720.746.1110

Prices in this book are subject to change. For updated pricing, please call us at (877)-243-3945 or visit us online at www.coolingtowerdepot.com

Copyright © 2007 Visit our web site at www.coolingtowerdepot.com for our full Terms and Conditions

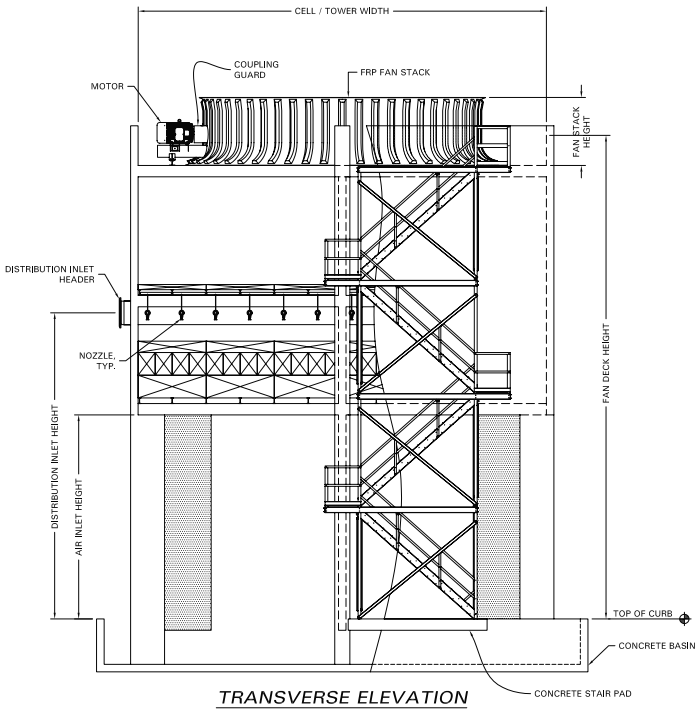
CFC Series Cooling Tower Detail

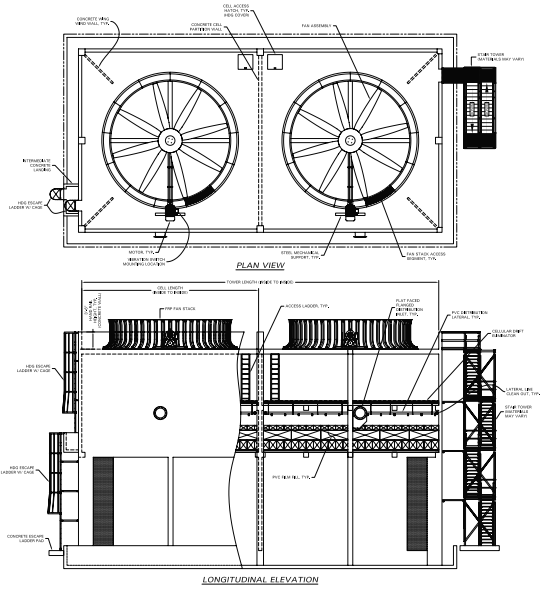


CFC Series
Counterflow - Film, Splash, or Ceramic Tile Fill - Concrete Structure

Heavy duty industrial counterflow concrete structure. Available with low fouling film fill, high efficiency film fill, or polypropylene splash fill for poor water quality.

CFC Series Cooling Tower Drawing





COOLING TOWER DEPOT	PROJECT NAME AND LOCATION:	THIS DRAWING IS THE SOLE PROPERTY OF COOLING TOWER DEPOT INC. USE SHALL BE LIMITED TO THE PROJECT FOR WHICH IT IS INTENDED. NO REPRODUCTION SHALL BE MADE NOR SHALL THIS INFORMATION BE MADE AVAILABLE TO THIRD PARTIES WITHOUT THE PRIOR WRITTEN CONSENT BY COOLING TOWER DEPOT INC. ANY AND ALL PROPRIETARY RIGHTS TO THIS INFORMATION AND DESIGN ARE THE SOLE PROPERTY OF COOLING TOWER DEPOT INC.					JOB NUMBER:
	MODEL NO.: CFC SERIES	REVISIONS					REV: 0
	DWG NAME: GENERAL ARRANGEMENT	REV.	DESCRIPTION	DESIGNED BY:	CHECKED BY:	APPROVED BY:	DATE:	SCALE: NO SCALE
	DRAWING NUMBER: A-100 / JOB NUMBER: / SHEET: 1 of 1 / REV: 0	0						SHEET: 1 of 1
	SCALE: NO SCALE / COMMENTS:	1						DRAWING NUMBER: A-100
		2						
		3						
		4						

COOLING TOWER DEPOT, INC
651 CORPORATE CIRCLE, STE. 206
GOLDEN, CO 80401
720-746-1234

Cooling Tower Depot | 651 Corporate Circle | Golden, CO 80401 | Toll Free 877.243.3945 | Phone: 720.746.1234 | Fax: 720.746.1110

COOLING TOWER DEPOT
The Depot of All Cooling Towers
www.coolingtowerdepot.com

Free! the industries only Online Cooling Tower Design Program With Pricing. Beat That. Free!

Copyright © 2007 Visit our web site at www.coolingtowerdepot.com for our full Terms and Conditions

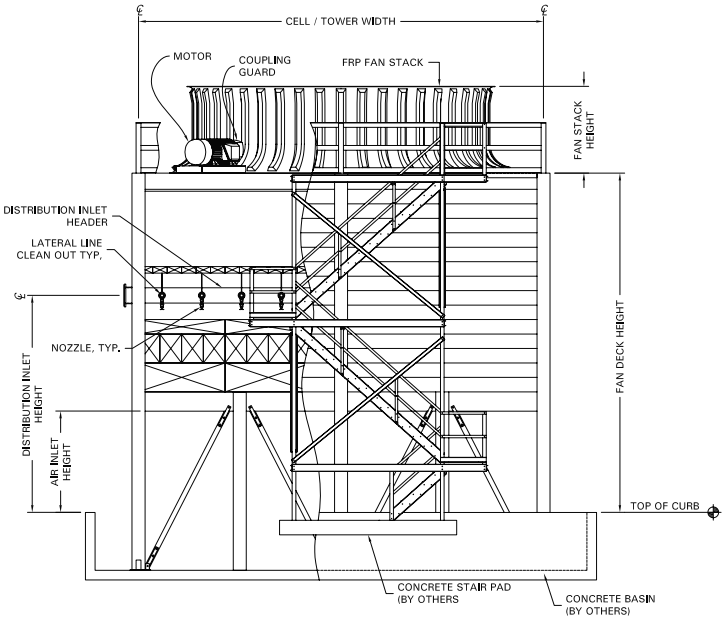
CFU Series Cooling Tower Detail



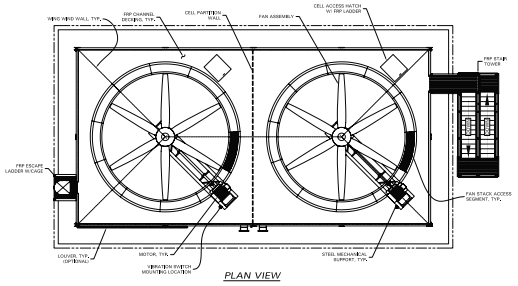
CFU Series
Counterflow - Film, Splash, or Ceramic Tile Fill - Double Wall.

Our most durable pultruded FRP structure double wall casing. This series is available with ceramic tile fill, low fouling PVC, or high efficiency film fill. Even available with polypropylene splash fill for poor water quality.

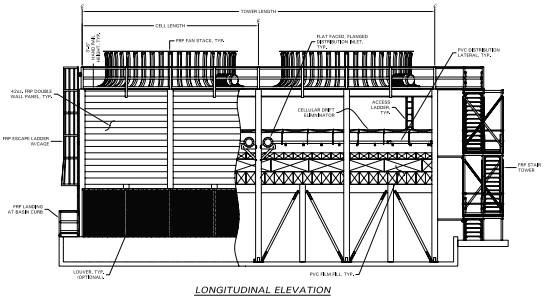
CFU Series Cooling Tower Drawing



TRANSVERSE ELEVATION



PLAN VIEW



LONGITUDINAL ELEVATION

COOLING TOWER DEPOT	PROJECT NAME AND LOCATION		THIS DRAWING IS THE SOLE PROPERTY OF COOLING TOWER DEPOT INC. USE SHALL BE LIMITED TO THE PROJECT FOR WHICH IT IS INTENDED. NO REPRODUCTION SHALL BE MADE NOR SHALL THIS INFORMATION BE MADE AVAILABLE TO THIRD PARTIES WITHOUT THE PRIOR WRITTEN CONSENT BY COOLING TOWER DEPOT INC. ANY AND ALL PROPRIETARY RIGHTS TO THIS INFORMATION AND DESIGN ARE THE SOLE PROPERTY OF COOLING TOWER DEPOT INC.				
	MODEL NO. CFU SERIES		REVISIONS				
	DWG NAME: GENERAL ARRANGEMENT		REV. / DESCRIPTION / DESIGNED BY: / CHECKED BY: / APPROVED BY: / DATE:				
	DRAWING NUMBER: A-100 / JOB NUMBER: / SHEET: 1 of 1 / REV: 0		0				
	SCALE: NO SCALE / COMMENTS		1				
			2				
			3				
			4				

COOLING TOWER DEPOT, INC
651 CORPORATE CIRCLE, STE. 206
GOLDEN, CO 80401
720-746-1234

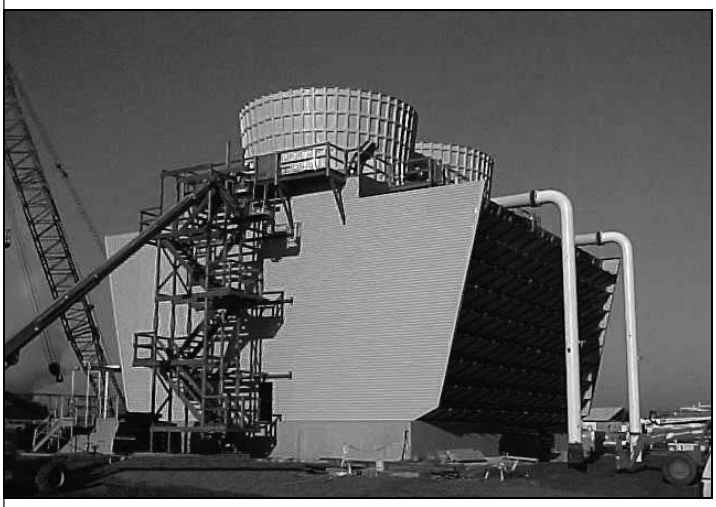
JOB NUMBER: / REV: 0 / SCALE: NO SCALE / SHEET: 1 of 1 / DRAWING NUMBER: A-100

Cooling Tower Depot | 651 Corporate Circle | Golden, CO 80401 | Toll Free 877.243.3945 | Phone: 720.746.1234 | Fax: 720.746.1110

Prices in this book are subject to change. For updated pricing, please call us at (877)-243-3945 or visit us online at www.coolingtowerdepot.com

Copyright © 2007 Visit our web site at www.coolingtowerdepot.com for our full Terms and Conditions

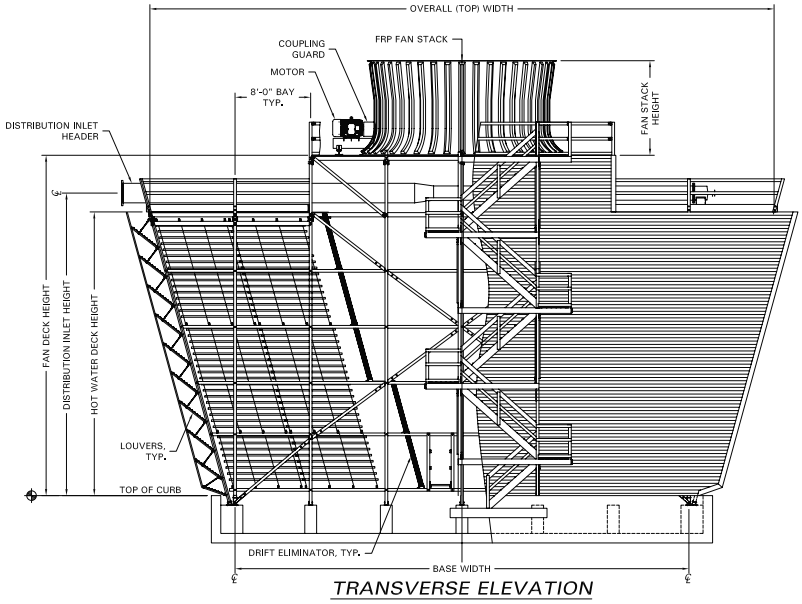
XFD Series Cooling Tower Detail



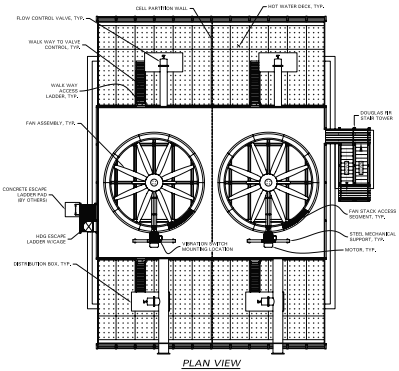
XFD Series
Crossflow - Splash Fill - Douglas Fir Structure.

Heavy duty industrial crossflow available in douglas fir treated structure and a wide range of flows and materials with a large list of options.

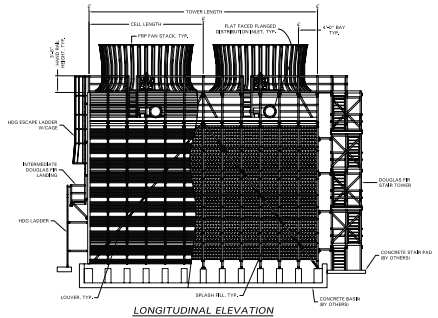
XFD Series Cooling Tower Drawing



TRANSVERSE ELEVATION



PLAN VIEW



LONGITUDINAL ELEVATION

COOLING TOWER DEPOT	PROJECT NAME AND LOCATION:	THIS DRAWING IS THE SOLE PROPERTY OF COOLING TOWER DEPOT INC. USE SHALL BE LIMITED TO THE PROJECT FOR WHICH IT IS INTENDED. NO REPRODUCTION SHALL BE MADE NOR SHALL THIS INFORMATION BE MADE AVAILABLE TO THIRD PARTIES WITHOUT THE PRIOR WRITTEN CONSENT BY COOLING TOWER DEPOT INC. ANY AND ALL PROPRIETARY RIGHTS TO THIS INFORMATION AND DESIGN ARE THE SOLE PROPERTY OF COOLING TOWER DEPOT INC.				
	MODEL NO.: XFD SERIES	REVISIONS				
	DWG NAME: GENERAL ARRANGEMENT	REV.	DESCRIPTION	DESIGNED BY:	CHECKED BY:	APPROVED BY:	DATE:
	DRAWING NUMBER: A-100 / JOB NUMBER: / SHEET: 1 of 1 / REV: 0	0					
	SCALE: NO SCALE / COMMENTS	1					
		2					
		3					
		4					

COOLING TOWER DEPOT, INC
651 CORPORATE CIRCLE, STE. 206
GOLDEN, CO 80401
720-746-1234

JOB NUMBERS: / REV: 0
SCALE: NO SCALE / SHEET: 1 of 1
DRAWING NUMBER: A-100

COOLING TOWER DEPOT
The Depot of All Cooling Towers
www.coolingtowerdepot.com

Free! the industries only Online Cooling Tower Design Program With Pricing. Beat That. Free!

Copyright © 2007 Visit our web site at www.coolingtowerdepot.com for our full Terms and Conditions

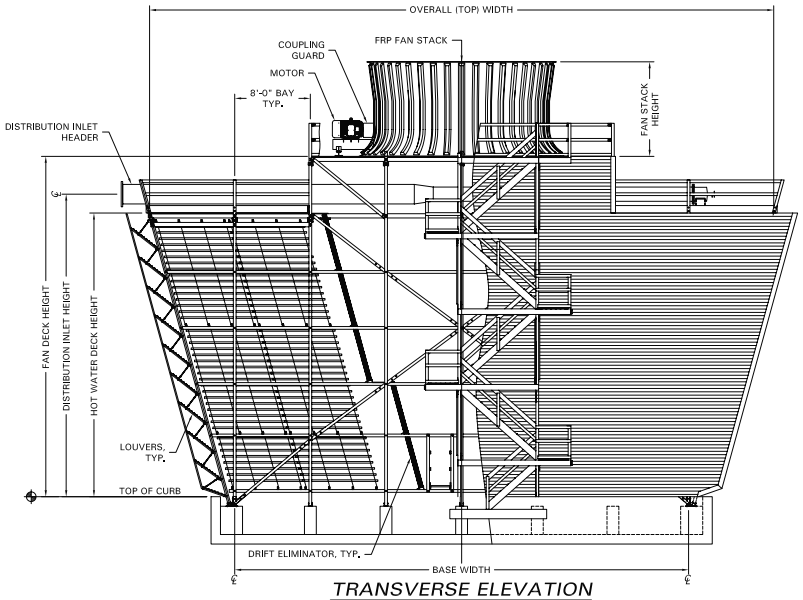
XFR Series Cooling Tower Detail



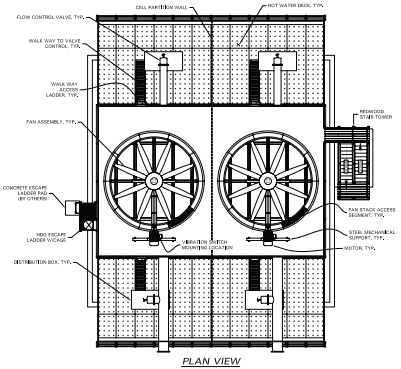
XFR Series
Crossflow - Splash Fill - Redwood Structure.

Heavy duty industrial crossflow available in redwood treated structure and a wide range of flows and materials with a large list of options.

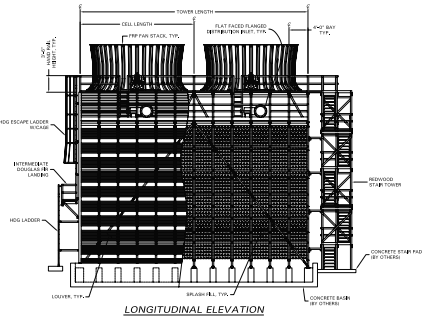
XFR Series Cooling Tower Drawing



TRANSVERSE ELEVATION



PLAN VIEW



LONGITUDINAL ELEVATION

COOLING TOWER DEPOT	PROJECT NAME AND LOCATION:	THIS DRAWING IS THE SOLE PROPERTY OF COOLING TOWER DEPOT INC. USE SHALL BE LIMITED TO THE PROJECT FOR WHICH IT IS INTENDED. NO REPRODUCTION SHALL BE MADE NOR SHALL THIS INFORMATION BE MADE AVAILABLE TO THIRD PARTIES WITHOUT THE PRIOR WRITTEN CONSENT BY COOLING TOWER DEPOT INC. ANY AND ALL PROPRIETARY RIGHTS TO THIS INFORMATION AND DESIGN ARE THE SOLE PROPERTY OF COOLING TOWER DEPOT INC.					JOB NUMBER:
	MODEL NO.: XFR SERIES	REVISIONS					REV: 0
	DWG NAME: GENERAL ARRANGEMENT	REV.	DESCRIPTION	DESIGNED BY:	CHECKED BY:	APPROVED BY:	DATE:
	DRAWING NUMBER: A-100 / JOB NUMBER: / SHEET: 1 of 1 / REV: 0	0					SCALE: NO SCALE
	SCALE: NO SCALE / COMMENTS	1					SHEET: 1 of 1
		2					DRAWING NUMBER: A-100
		3					
		4					

COOLING TOWER DEPOT, INC
651 CORPORATE CIRCLE, STE. 206
GOLDEN, CO 80401
720-746-1234

Cooling Tower Depot | 651 Corporate Circle | Golden, CO 80401 | Toll Free 877.243.3945 | Phone: 720.746.1234 | Fax: 720.746.1110

Prices in this book are subject to change. For updated pricing, please call us at (877)-243-3945 or visit us online at www.coolingtowerdepot.com

Copyright © 2007 Visit our web site at www.coolingtowerdepot.com for our full Terms and Conditions

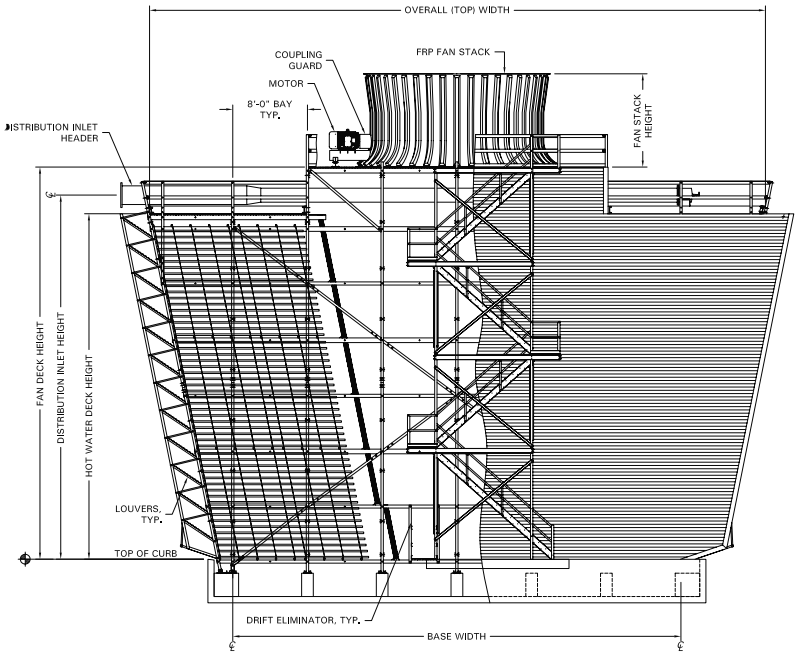
XFF Series Cooling Tower Detail



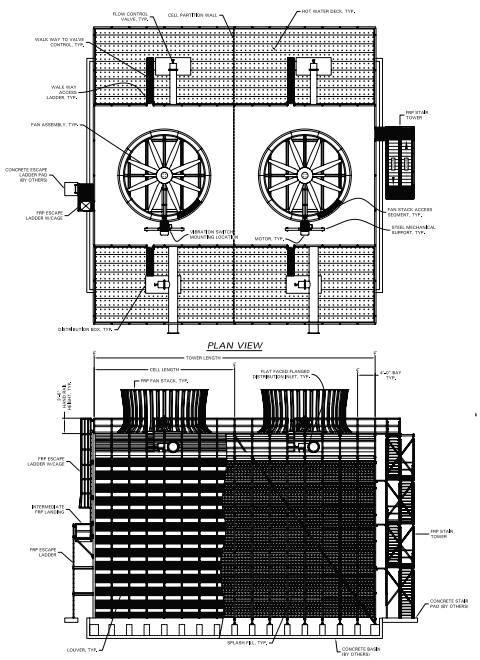
XFF Series
Crossflow - Splash Fill - Pultruded FRP Structure
(Our most popular XF model!).

Heavy duty industrial crossflow with pultruded FRP structure and decking, thus a complete composite tower with wide range of flows and materials with a large list of options.

XFF Series Cooling Tower Drawing



TRANSVERSE ELEVATION



PLAN VIEW

LONGITUDINAL ELEVATION

COOLING TOWER DEPOT	PROJECT NAME AND LOCATION:	THIS DRAWING IS THE SOLE PROPERTY OF COOLING TOWER DEPOT INC. USE SHALL BE LIMITED TO THE PROJECT FOR WHICH IT IS INTENDED. NO REPRODUCTION SHALL BE MADE NOR SHALL THIS INFORMATION BE MADE AVAILABLE TO THIRD PARTIES WITHOUT THE PRIOR WRITTEN CONSENT BY COOLING TOWER DEPOT INC. ANY AND ALL PROPRIETARY RIGHTS TO THIS INFORMATION AND DESIGN ARE THE SOLE PROPERTY OF COOLING TOWER DEPOT INC.				JOB NUMBER:	REV: 0
	MODEL NO. XFF SERIES					SCALE: NO SCALE
	DWG NAME: GENERAL ARRANGEMENT					SHEET 1 of 1
	DRAWING NUMBER: A-100 / JOB NUMBER: / SHEET 1 of 1 / REV: 0					DRAWING NUMBER: A-100
	SCALE: NO SCALE / COMMENTS					

REVISIONS

REV.	DESCRIPTION	DESIGNED BY:	CHECKED BY:	APPROVED BY:	DATE:
0					
1					
2					
3					
4					

COOLING TOWER DEPOT, INC
651 CORPORATE CIRCLE, STE. 206
GOLDEN, CO 80401
720-746-1234



Copyright © 2007 Visit our web site at www.coolingtowerdepot.com for our full Terms and Conditions

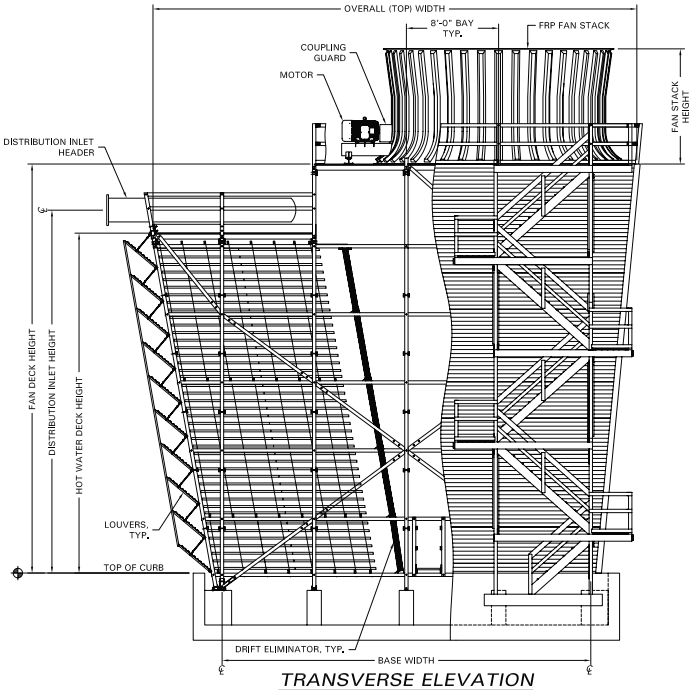
XFD-R-One Series Cooling Tower Detail



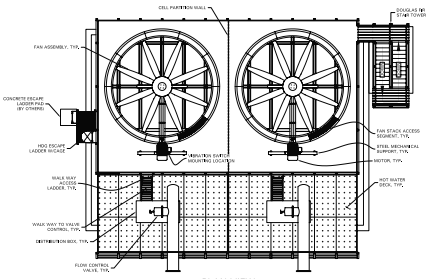
XFD-R-One Series
Crossflow - Splash Fill - Douglas Fir, Redwood or Pultruded FRP Structure.

Heavy duty industrial crossflow available in douglas fir or redwood treated structure and a wide range of flows and materials with a large list of options. However there is an Air Inlet on one side, designed for tight or restricted sites.

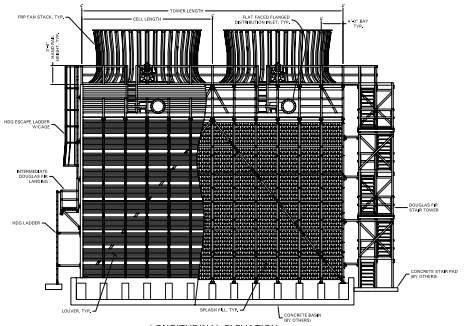
XFD-R-One Series Cooling Tower Drawing



TRANSVERSE ELEVATION



PLAN VIEW



LONGITUDINAL ELEVATION

COOLING TOWER DEPOT	PROJECT NAME AND LOCATION:	THIS DRAWING IS THE SOLE PROPERTY OF COOLING TOWER DEPOT INC. USE SHALL BE LIMITED TO THE PROJECT FOR WHICH IT IS INTENDED. NO REPRODUCTION SHALL BE MADE NOR SHALL THIS INFORMATION BE MADE AVAILABLE TO THIRD PARTIES WITHOUT THE PRIOR WRITTEN CONSENT BY COOLING TOWER DEPOT INC. ANY AND ALL PROPRIETARY RIGHTS TO THIS INFORMATION AND DESIGN ARE THE SOLE PROPERTY OF COOLING TOWER DEPOT INC.					
	MODEL NO.: XFD-R-ONE SERIES	REVISIONS					
	DWG NAME: GENERAL ARRANGEMENT	REV.	DESCRIPTION	DESIGNED BY:	CHECKED BY:	APPROVED BY:	DATE:
	DRAWING NUMBER: A-100 / JOB NUMBER: / SHEET: 1 of 1 / REV: 0	0					
	SCALE: NO SCALE / COMMENTS:	1					
		2					
		3					
		4					

COOLING TOWER DEPOT, INC
651 CORPORATE CIRCLE, STE. 206
GOLDEN, CO 80401
720-746-1234

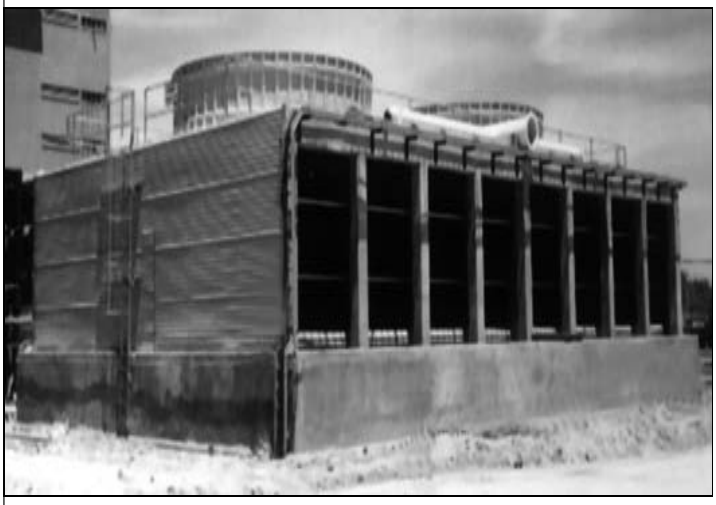
JOB NUMBER: 0 / SHEET: 1 of 1 / SCALE: NO SCALE / DRAWING NUMBER: A-100

Cooling Tower Depot | 651 Corporate Circle | Golden, CO 80401 | Toll Free 877.243.3945 | Phone: 720.746.1234 | Fax: 720.746.1110

Prices in this book are subject to change. For updated pricing, please call us at (877)-243-3945 or visit us online at www.coolingtowerdepot.com

Copyright © 2007 Visit our web site at www.coolingtowerdepot.com for our full Terms and Conditions

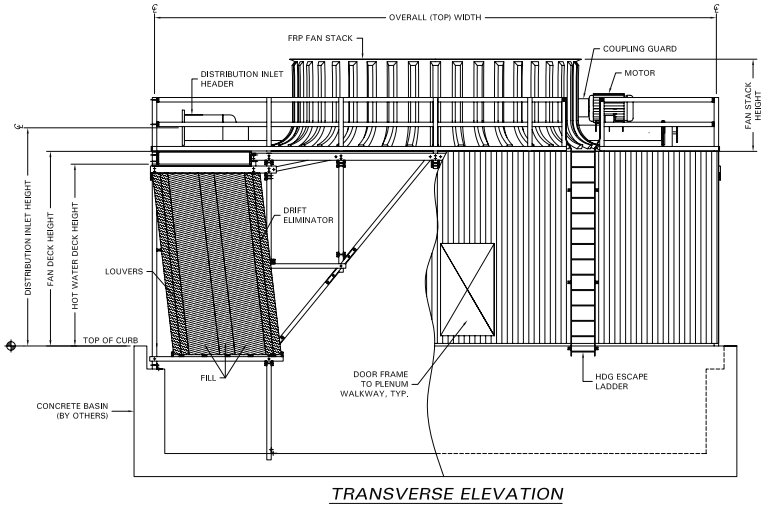
SK Series Cooling Tower Detail



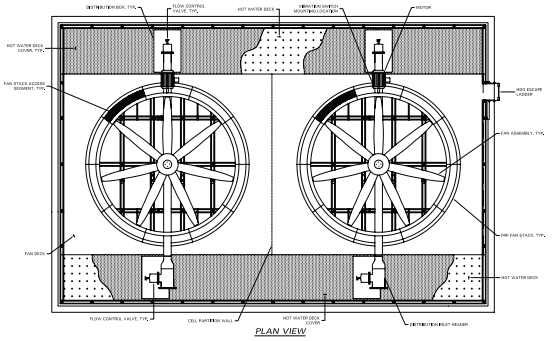
SK Series
Crossflow - Film Fill - Concrete, Pultruded FRP, Douglas Fir, or Redwood Structure.

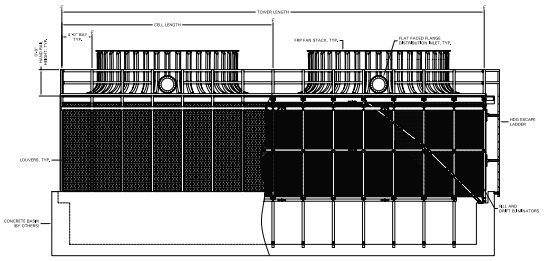
Film fill crossflow with PVC packed film fill and a low pump head and flexible for replacement on existing basins.

SK Series Cooling Tower Drawing



TRANSVERSE ELEVATION


PLAN VIEW


LONGITUDINAL ELEVATION

COOLING TOWER DEPOT	PROJECT NAME AND LOCATION:	THIS DRAWING IS THE SOLE PROPERTY OF COOLING TOWER DEPOT INC. USE SHALL BE LIMITED TO THE PROJECT FOR WHICH IT IS INTENDED. NO REPRODUCTION SHALL BE MADE NOR SHALL THIS INFORMATION BE MADE AVAILABLE TO THIRD PARTIES WITHOUT THE PRIOR WRITTEN CONSENT BY COOLING TOWER DEPOT INC. ANY AND ALL PROPRIETARY RIGHTS TO THIS INFORMATION AND DESIGN ARE THE SOLE PROPERTY OF COOLING TOWER DEPOT INC.				
	MODEL NO.: SK SERIES	REVISIONS				
	DWG NAME: GENERAL ARRANGEMENT	REV.	DESCRIPTION	DESIGNED BY:	CHECKED BY:	APPROVED BY:	DATE:
	DRAWING NUMBER: A-100 / JOB NUMBER: / SHEET: 1 of 1 / REV: 0	0					
	SCALE: NO SCALE / COMMENTS	1					
		2					
		3					
		4					

COOLING TOWER DEPOT, INC
651 CORPORATE CIRCLE, STE. 206
GOLDEN, CO 80401
720-746-1234

JOB NUMBERS: / REV: 0 / SCALE: NO SCALE / SHEET: 1 of 1 / DRAWING NUMBER: A-100

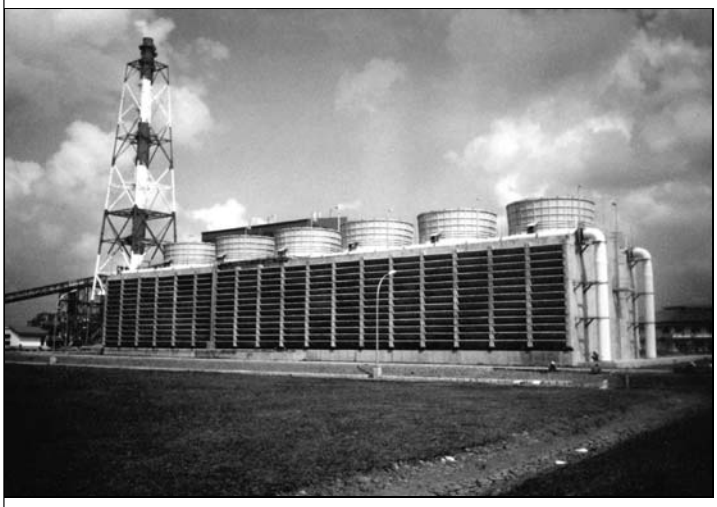
Cooling Tower Depot | 651 Corporate Circle | Golden, CO 80401 | Toll Free 877.243.3945 | Phone: 720.746.1234 | Fax: 720.746.1110

COOLING TOWER DEPOT
The Depot of All Cooling Towers
www.coolingtowerdepot.com

Free! the industries only Online Cooling Tower Design Program With Pricing. Beat That. Free!

Copyright © 2007 Visit our web site at www.coolingtowerdepot.com for our full Terms and Conditions

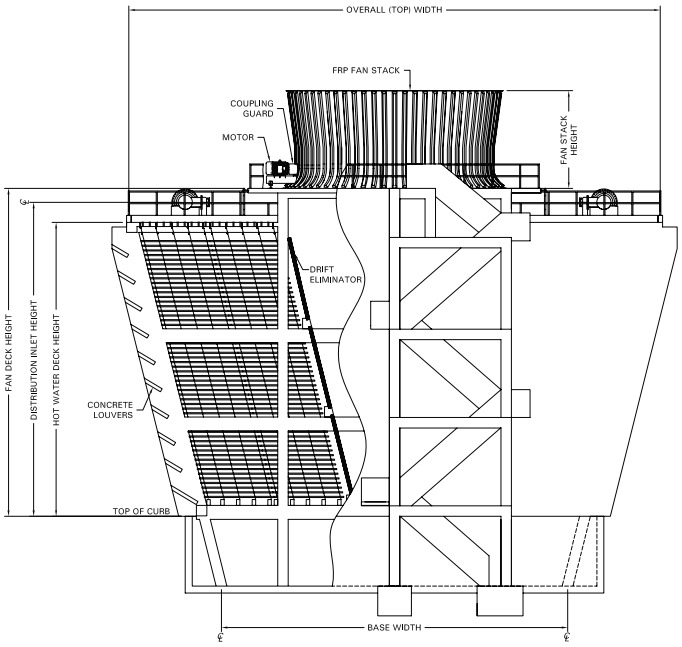
XFC Series Cooling Tower Detail



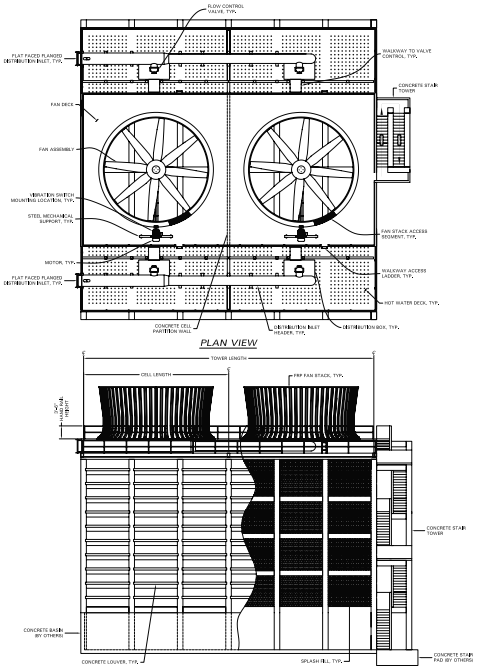
XFC Series
Crossflow - Splash Fill - Concrete Structure.

Heavy duty industrial crossflow with concrete structure and concrete decking. Tower available with wide range of flows and materials with a large list of options.

XFC Series Cooling Tower Drawing



TRANSVERSE ELEVATION



PLAN VIEW

LONGITUDINAL ELEVATION

COOLING TOWER DEPOT	PROJECT NAME AND LOCATION:	THIS DRAWING IS THE SOLE PROPERTY OF COOLING TOWER DEPOT INC. USE SHALL BE LIMITED TO THE PROJECT FOR WHICH IT IS INTENDED. NO REPRODUCTION SHALL BE MADE NOR SHALL THIS INFORMATION BE MADE AVAILABLE TO THIRD PARTIES WITHOUT THE PRIOR WRITTEN CONSENT BY COOLING TOWER DEPOT INC. ANY AND ALL PROPRIETARY RIGHTS TO THIS INFORMATION AND DESIGN ARE THE SOLE PROPERTY OF COOLING TOWER DEPOT INC.				
	MODEL NO.: XFC SERIES	REVISIONS				
	DWG NAME: GENERAL ARRANGEMENT	REV.	DESCRIPTION	DESIGNED BY:	CHECKED BY:	APPROVED BY:	DATE:
	DRAWING NUMBER: A-100 / JOB NUMBER: / SHEET: 1 of 1 / REV: 0	0					
	SCALE: NO SCALE / COMMENTS	1					
		2					
		3					
		4					

COOLING TOWER DEPOT, INC
651 CORPORATE CIRCLE, STE. 206
GOLDEN, CO 80401
720-746-1234

JOB NUMBERS: REV: 0
SCALE: NO SCALE / SHEET: 1 of 1
DRAWING NUMBER: A-100

Cooling Tower Depot | 651 Corporate Circle | Golden, CO 80401 | Toll Free 877.243.3945 | Phone: 720.746.1234 | Fax: 720.746.1110

Prices in this book are subject to change. For updated pricing, please call us at (877)-243-3945 or visit us online at www.coolingtowerdepot.com

Copyright © 2007 Visit our web site at www.coolingtowerdepot.com for our full Terms and Conditions

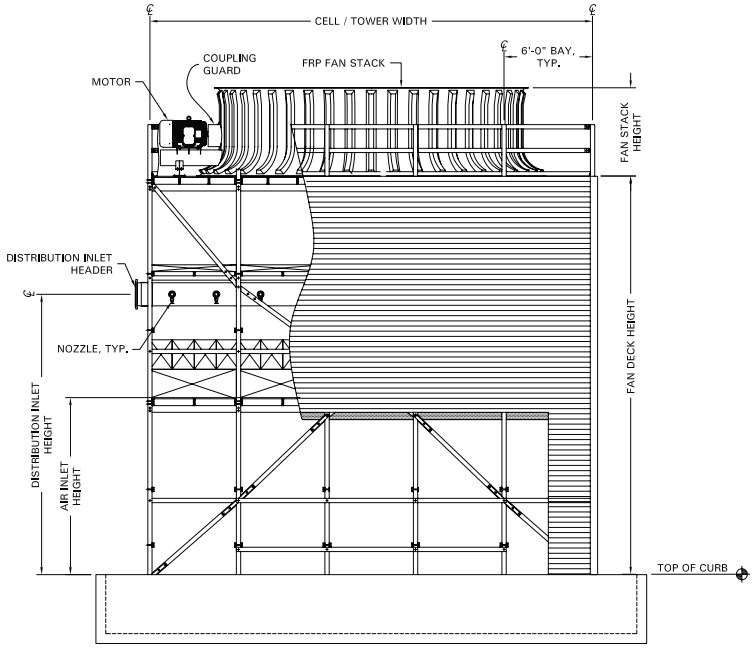
CF & XF Add Cell Series Cooling Tower Detail



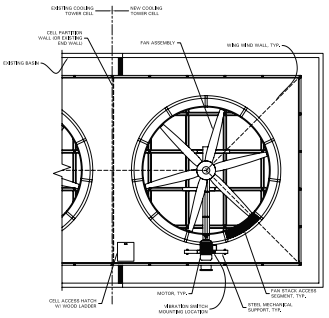
CF & XF Add Cell Series
Counterflow or Crossflow Add Cells - Douglas Fir, Redwood, or Pultruded FRP Structure.

Cooling Tower Depot™ can provide counterflow or crossflow add cells to exactly match your existing tower, regardless of original manufaturer.

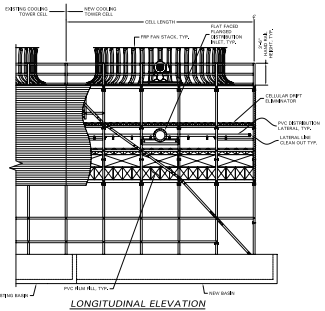
CF & XF Add Cell Series Cooling Tower Drawing



TRANSVERSE ELEVATION



PLAN VIEW



LONGITUDINAL ELEVATION

COOLING TOWER DEPOT™	PROJECT NAME AND LOCATION:	THIS DRAWING IS THE SOLE PROPERTY OF COOLING TOWER DEPOT INC. USE SHALL BE LIMITED TO THE PROJECT FOR WHICH IT IS INTENDED. NO REPRODUCTION SHALL BE MADE NOR SHALL THIS INFORMATION BE MADE AVAILABLE TO THIRD PARTIES WITHOUT THE PRIOR WRITTEN CONSENT BY COOLING TOWER DEPOT INC. ANY AND ALL PROPRIETARY RIGHTS TO THIS INFORMATION AND DESIGN ARE THE SOLE PROPERTY OF COOLING TOWER DEPOT INC.				
	MODEL NO.: CELL ADDITION SERIES	REVISIONS				
	DWG NAME: GENERAL ARRANGEMENT	REV. / DESCRIPTION / DESIGNED BY: / CHECKED BY: / APPROVED BY: / DATE:				
	DRAWING NUMBER: A-100 / JOB NUMBER: / SHEET: 1 of 1 / REV: 0	0				
	SCALE: NO SCALE / COMMENTS:	1				
		2				
		3				
		4				

COOLING TOWER DEPOT, INC
651 CORPORATE CIRCLE, STE. 206
GOLDEN, CO 80401
720-746-1234

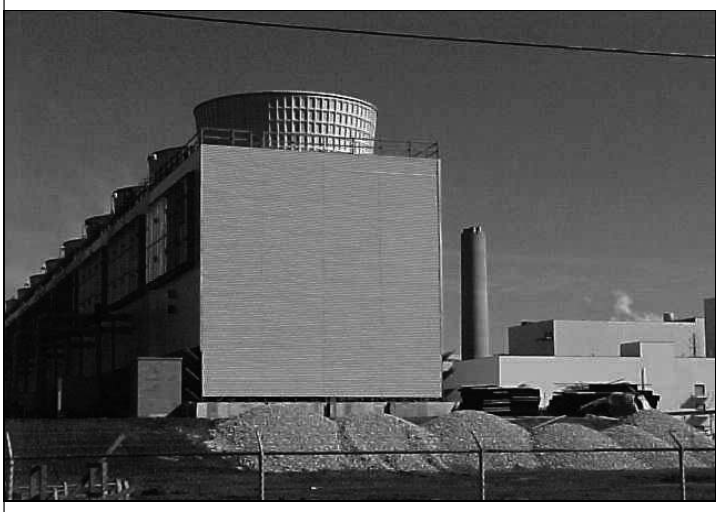
JOB NUMBERS: REV: 0
SCALE: NO SCALE
SHEET: 1 of 1
DRAWING NUMBERS: A-100

COOLING TOWER DEPOT™
The Depot of All Cooling Towers
www.coolingtowerdepot.com

Free! the industries only Online Cooling Tower Design Program With Pricing. Beat That. Free!

Copyright © 2007 Visit our web site at www.coolingtowerdepot.com for our full Terms and Conditions

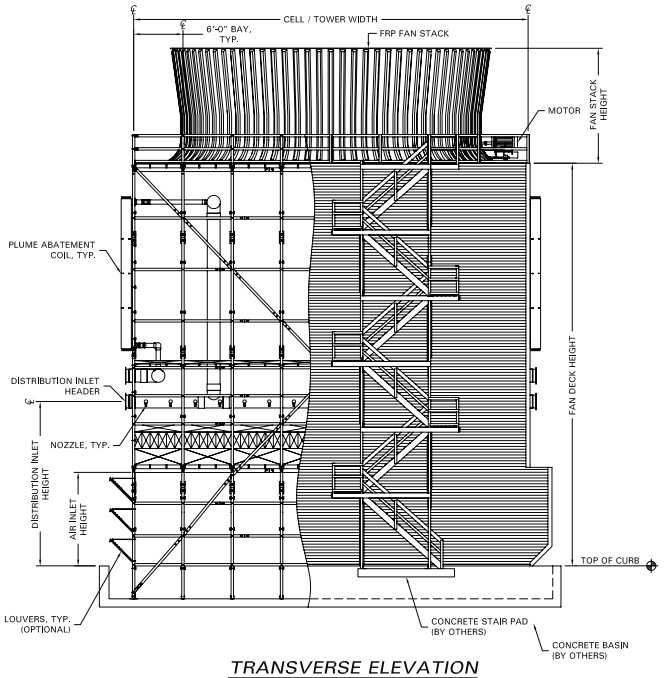
CF Plume Abated Series Cooling Tower Detail



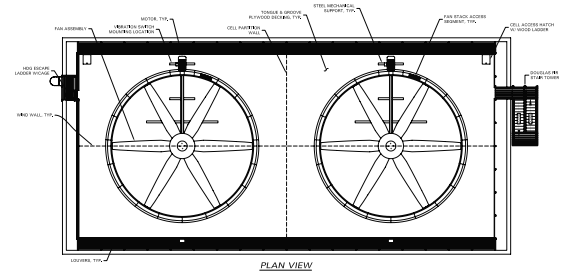
CF Plume Abated Series
Counterflow - Douglas Fir, Redwood, Pultruded FRP, or Concrete Structure.

Available in wood, FRP or concrete. A unique design for low or no plume from the fan cylinder with all the options of the CF series. Low noise tower options also available.

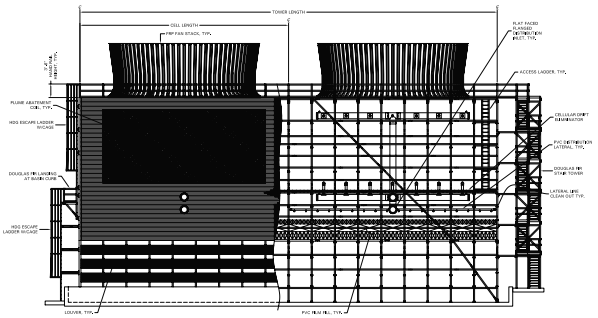
CF Plume Abated Series Cooling Tower Drawing



TRANSVERSE ELEVATION



PLAN VIEW



LONGITUDINAL ELEVATION

COOLING TOWER DEPOT	PROJECT NAME AND LOCATION:	THIS DRAWING IS THE SOLE PROPERTY OF COOLING TOWER DEPOT INC. USE SHALL BE LIMITED TO THE PROJECT FOR WHICH IT IS INTENDED. NO REPRODUCTION SHALL BE MADE NOR SHALL THIS INFORMATION BE MADE AVAILABLE TO THIRD PARTIES WITHOUT THE PRIOR WRITTEN CONSENT BY COOLING TOWER DEPOT INC. ANY AND ALL PROPRIETARY RIGHTS TO THIS INFORMATION AND DESIGN ARE THE SOLE PROPERTY OF COOLING TOWER DEPOT INC.	JOB NUMBER: 0	DRAWING NUMBER: A-100
	MODEL NO.: PLUME ABATEMENT SERIES	REVISIONS	REV:	
	DWG NAME: GENERAL ARRANGEMENT	REV. / DESCRIPTION / DESIGNED BY: / CHECKED BY: / APPROVED BY: / DATE:	SCALE: NO SCALE	
	DRAWING NUMBER: A-100 / JOB NUMBER: / SHEET: 1 of 1 / REV: 0	0 / 1 / 2 / 3 / 4	SHEET: 1 of 1	
	SCALE: NO SCALE / COMMENTS:	COOLING TOWER DEPOT, INC 651 CORPORATE CIRCLE, STE. 206 GOLDEN, CO 80401 720-746-1234		

Copyright © 2007 Visit our web site at www.coolingtowerdepot.com for our full Terms and Conditions

DL-FRP F Series Cooling Tower Detail



DL-FRP F Series
Counterflow - Modular Film Fill Tower.

Complete FRP Modular Package Cooling Tower. Film fill tower series available in a wide array of flows and design conditions.

Packaged tower standard features:

Non-Corrosive Fiberglass and Stainless Steel Structure
High-Quality Components, Made in the U.S.A.
Efficient Counterflow Design
250-5000 gpm Capacity
Uncomplicated Field Assembly
Technical Support
FRP Ladder and Handrails
Fire-Retardant Resin
6' High Fan Stack
Stainless Steel Oil and Vent Lines

Packaged tower options:

On Site Installation Service
Basin Heater
Two-Speed Motor or Variable Frequency Drive
Low Oil Cut-off Switch
Stainless Steel Fan Guard
Special Color







COOLING TOWER DEPOT

PROJECT NAME AND LOCATION:
MODEL NO.: DL-FRP F SERIES
DWG NAME: GENERAL INFORMATION
DRAWING NUMBER: A-100 | JOB NUMBER: | SHEET: 1 of 1 | REV: 0
SCALE: NO SCALE | COMMENTS

THIS DRAWING IS THE SOLE PROPERTY OF COOLING TOWER DEPOT INC. USE SHALL BE LIMITED TO THE PROJECT FOR WHICH IT IS INTENDED. NO REPRODUCTION SHALL BE MADE NOR SHALL THIS INFORMATION BE MADE AVAILABLE TO THIS INFORMATION AND DESIGN ARE THE SOLE PROPERTY OF COOLING TOWER DEPOT INC. ANY AND ALL PROPRIETARY RIGHTS TO THIS INFORMATION AND DESIGN ARE THE SOLE PROPERTY OF COOLING TOWER DEPOT INC.

REVISIONS

REV.	DESCRIPTION	DESIGNED BY:	CHECKED BY:	APPROVED BY:	DATE:
0					
1					
2					
3					
4					

COOLING TOWER DEPOT, INC
651 CORPORATE CIRCLE, STE. 206
GOLDEN, CO 80401
720-746-1234

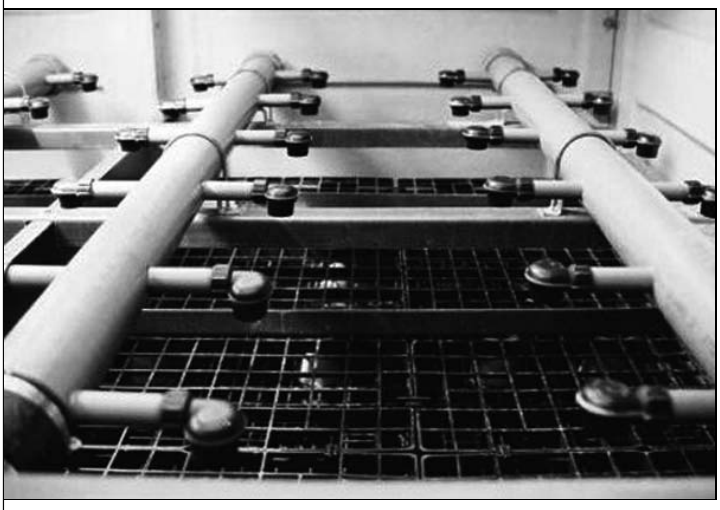
JOB NUMBER: | REV.: 0
SCALE: NO SCALE | SHEET: 1 of 1
DRAWING NUMBER: A-100

COOLING TOWER DEPOT
The Depot of All Cooling Towers
www.coolingtowerdepot.com



Copyright © 2007 Visit our web site at www.coolingtowerdepot.com for our full Terms and Conditions

DL-FRP S Series Cooling Tower Detail



DL-FRP S Series
Counterflow - Modular Splash Fill Tower.

Complete FRP Modular Package Cooling Tower. The only splash fill modular package tower available for poor water quality. A very versatile tower, high quality.

DL-FRP S Series Cooling Tower

Packaged splash fill tower standard features:

Non-Corrosive Fiberglass and Stainless Steel Structure
High-Quality Components, Made in the U.S.A.
Efficient Counterflow Design
250-5000 gpm Capacity
Uncomplicated Field Assembly
Technical Support
FRP Ladder and Handrails
Fire-Retardant Resin
6' High Fan Stack
Stainless Steel Oil and Vent Lines
Polypropolene Splash Fill

Packaged tower options:

On Site Installation Service
Basin Heater
Two-Speed Motor or Variable Frequency Drive
Low Oil Cut-off Switch
Stainless Steel Fan Guard
Special Color









PROJECT NAME AND LOCATION:
MODEL NO.: DL-FRP S SERIES
DWG NAME: GENERAL INFORMATION
DRAWING NUMBER: A-100 | JOB NUMBER: | SHEET: 1 of 1 | REV: 0
SCALE: NO SCALE | COMMENTS

THIS DRAWING IS THE SOLE PROPERTY OF COOLING TOWER DEPOT INC. USE SHALL BE LIMITED TO THE PROJECT FOR WHICH IT IS INTENDED. NO REPRODUCTION SHALL BE MADE NOR SHALL THIS INFORMATION BE MADE AVAILABLE TO THIS INFORMATION AND DESIGN ARE THE SOLE PROPERTY OF COOLING TOWER DEPOT INC.

REVISIONS

REV.	DESCRIPTION	DESIGNED BY:	CHECKED BY:	APPROVED BY:	DATE:
0					
1					
2					
3					
4					

COOLING TOWER DEPOT, INC
651 CORPORATE CIRCLE, STE. 206
GOLDEN, CO 80401
720-746-1234

JOB NUMBER: | REV.: 0 | SCALE: NO SCALE | SHEET: 1 of 1 | DRAWING NUMBER: A-100

Prices in this book are subject to change. For updated pricing, please call us at (877)-243-3945 or visit us online at www.coolingtowerdepot.com

Copyright © 2007 Visit our web site at www.coolingtowerdepot.com for our full Terms and Conditions

THE FACES OF QUALITY

COULD BE WORKING FOR YOU



MASTERTECH SERVICES, INC.

"Independent Cooling Tower Services"

www.mtcts.com

611 Corporate Circle, Suite F
Golden Colorado, 80401
Toll Free (877) 344-3072
Fax 303-278-4665

Houston, Texas Office
www.texascoolingtowers.com
Phone (281) 842-7800

Oklahoma Office
Phone (405) 301-5955

COOLING TOWER DEPOT
The Depot of All Cooling Towers
www.coolingtowerdepot.com

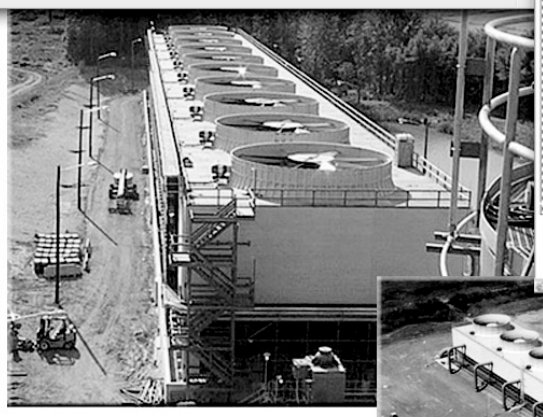
Free! the industries only Online Cooling Tower Design Program With Pricing. Beat That. Free!

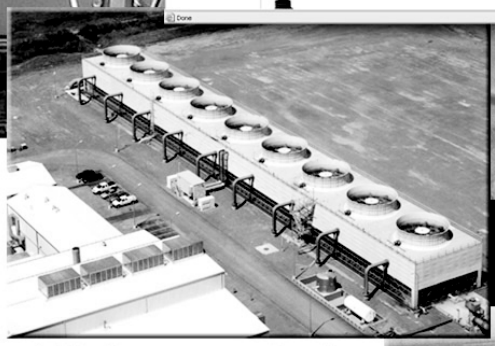
Copyright © 2007 Visit our web site at www.coolingtowerdepot.com for our full Terms and Conditions

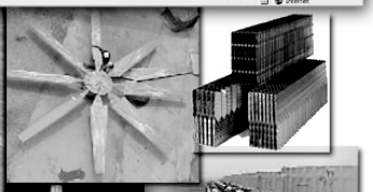
Introducing the DEPOT™ virtual warehouse

Your online source for cooling towers and parts
The greatest technological advancement in cooling towers in the past 50 years!
Fast / Secure / Pricing / Open 24-7
Go to www.ctdepotinc.com & experience the 21st century













Virtual Warehouse
COOLING TOWER DEPOT™
The Depot of All Cooling Towers
www.coolingtowerdepot.com

651 Corporate Circle
Suite 208
Golden, CO 80401
(720) 746-1234 Phone
(720) 746-1110 Fax

Prices in this book are subject to change. For updated pricing, please call us at (877)-243-3945 or visit us online at www.coolingtowerdepot.com

COOLING TOWER DEPOT™ The Depot of All Cooling Towers www.coolingtowerdepot.com

Copyright © 2007 Visit our web site at www.coolingtowerdepot.com for our full Terms and Conditions

The Online Cooling Tower Design, Purchasing & Optimization Program



Copyright © 2007 Visit our web site at www.coolingtowerdepot.com for our full Terms and Conditions

Rental Tower Bid Request Form

Name _____ Zip Code _____

Title _____ Phone _____

Company _____ Fax _____

Address _____ Email _____

City _____ Project Name _____

State _____ Project Location _____

Country _____

Thermal Design Charecteristics

Flow Rate _____

Hot Water Temp _____

Cold Water Temp _____

Inlet Wet Bulb _____

Requested Rental Length of Time

_____

- ☐ Days
- ☐ Weeks
- ☐ Months

Construction Labor Requirements

- ☐ Union
- ☐ Non Union
- ☐ Site Labor Agreement

Supply Line Voltage

- ☐ 460
- ☐ 4160

Makeup Water Source

☐ City Water ☐ Grey Water ☐ River Water ☐ Sea Water

Delivery

Required Delivery Date _____

Required Completion Date _____

Additional Requirements (if any):

_____

_____

_____

_____

_____

_____

Prices in this book are subject to change. For updated pricing, please call us at (877)-243-3945 or visit us online at www.coolingtowerdepot.com

COOLING TOWER DEPOT
The Depot of All Cooling Towers
www.coolingtowerdepot.com

Copyright © 2007 Visit our web site at www.coolingtowerdepot.com for our full Terms and Conditions

Welcome to CoolingTowerRentalServices.com

Don't Know Your Cooling Tower Tons? Enter your flow and conditions and Depot's proprietary tonnage and module selector makes it

FAST! Click Here

Module 1 - Extra Duty Up to 3000 GPM or 1000 Tons	CTD-RENT-MOD1	ONLINE SALE PRICE	QUANTITY
	Daily Rate (Minimum 3 days)	$1,419.00	Add to Cart
	Weekly Rate	$5,225.00	Add to Cart
	Monthly Rate	$15,950.00	Add to Cart

Delivery and setup not included in module pricing.
* See below for Customer Responsibilities.
Click here for the Rental Tower Price Request Form.

Don't Know Your Cooling Tower Tons? Enter your flow and conditions and Depot's proprietary tonnage and module selector makes it

FAST! Click Here

Module 2 - Super Duty Up to 6000 GPM or 2000 Tons	CTD-RENT-MOD2	ONLINE SALE PRICE	QUANTITY
	Daily Rate (Minimum 3 days)	$2,365.00	Add to Cart
	Weekly Rate	$13,508.00	Add to Cart
	Monthly Rate	$32,835.00	Add to Cart

Delivery and setup not included in module pricing.
* See below for Customer Responsibilities.
Click here for the Rental Tower Price Request Form.

Don't Know Your Cooling Tower Tons? Enter your flow and conditions and Depot's proprietary tonnage and module selector makes it

FAST! Click Here

Module 3 - Maximum Duty Up to 9,000 GPM or 3000 Tons	CTD-RENT-MOD3	ONLINE SALE PRICE	QUANTITY
	Daily Rate (Minimum 3 days)	$4,378.00	Add to Cart
	Weekly Rate	$19,580.00	Add to Cart
	Monthly Rate	$46,750.00	Add to Cart

Delivery and setup not included in module pricing.
* See below for Customer Responsibilities.
Click here for the Rental Tower Price Request Form.

* Customer Responsibilities

- Delivery/Pickup standby time at $85.00 per hour during delays
- Customer responsible for obtaining any relevant operating permits
- State and local taxes. Tax-exempt customers must supply an exemption certificate
- Any and all required union labor
- Full replacement insurance on equipment (Certificate must be provided prior to delivery)
- All lifting/off-loading of equipment (if applicable)
- All services provided by Cooling Tower Depot are subject to our Terms and Conditions, Form No. 114
  This document is provided online. Terms and Conditions of Rental Cooling Towers
  Alternatively, a copy will be provided upon request. Customer accepts and acknowledges receipt thereof by these methods.

COOLING TOWER DEPOT
The Depot of All Cooling Towers
www.coolingtowerdepot.com

Free! the industries only Online Cooling Tower Design Program With Pricing. Beat That. Free!

Copyright © 2007 Visit our web site at www.coolingtowerdepot.com for our full Terms and Conditions



Inspection Services

In conjunction with inspections with written reports, Cooling Tower Depot can establish the current thermal and mechanical performance and present operating conditions to evaluate the original conditions verses the conditions now or on an ongoing basis. This operations point can then be used to evaluate the many different options you have to increase the tower's capability or upgrade the tower for expansions or increased load. Or as an energy saving option, reduce the energy consumption and reduce the operating cost associated with the tower to earn a payback for the reduced energy cost. Cooling Tower Depot can work colsely with you to save your company thousands of dollars in energy costs or eliminate the need to add additional cooling towers by simply upgrading the existing tower to meet your needs.



Testing and Evaluation



Cooling Tower Depot utilizes state-of-the-art equipment and provides testing in accordance with the Cooling Technology Institute ATC-105 or the PTC-23 test code published by the Society of Mechanical Engineerers.

With hundreds of years of experience of our knowledgeable engineers, we can help you save your company time and money with the right evaluation.



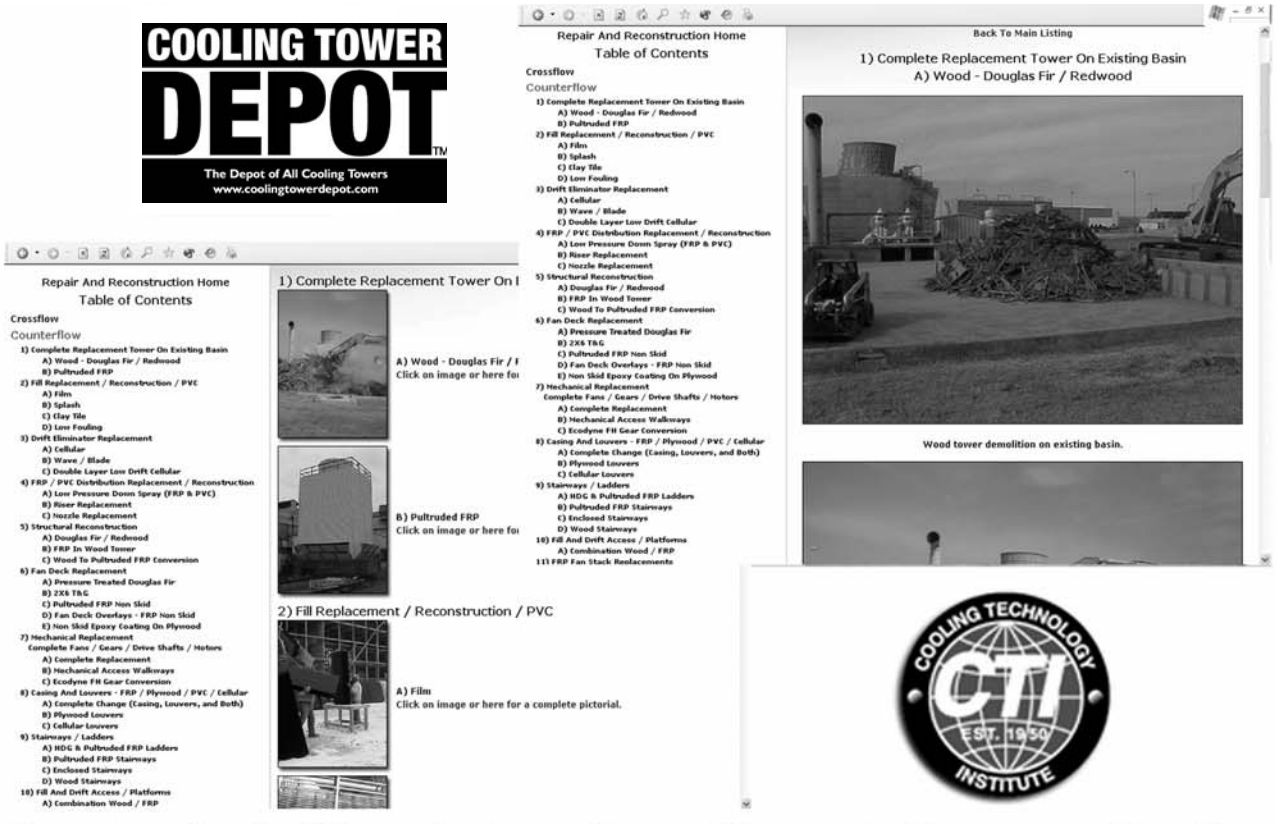
Please contact customer service at (877) 243-3945 toll free for scheduling your performance testing, inspections and evaluations.

Prices in this book are subject to change. For updated pricing, please call us at (877)-243-3945 or visit us online at www.coolingtowerdepot.com

Copyright © 2007 Visit our web site at www.coolingtowerdepot.com for our full Terms and Conditions

Reconstruction, Repair and Upgrade Services Detailed Photographic Portfolio and Catalog

Cooling Tower Depot's repair and maintenance experts and service crews are standing by 24 hours a day to provide immediate assistance to any and all your industrial cooling tower repair or maintenance projects. To illustrate the extensive experience of our repair, maintenance, and upgrading services here at Cooling Tower Depot, we are providing this photographic portfolio of the many different materials and services available to you by category of tower you may have. Sorted first by the type of tower you may have, then by each tower category section in which you can review all major components of each type of tower, fully illustrated with numerous examples of the wide array of options, no matter what brand of tower you may have.



To review, simply click on the type of tower, like counterflow or crossflow, then review the site map on the left navigation bar which lists all the component sections. Then click on the image on each section to enlarge the photo for a complete photographic catalog of the numerous options and examples. As new materials and technologies are developed, they will be added to this extensive photo portfolio. You can use the resource to evaluate the different options you have on your next project or maintenance needs. Cooling Tower Depot supplies only the highest quality materials and field labor services for all makes and models of cooling towers at an unbeatable price!

COOLING TOWER DEPOT
The Depot of All Cooling Towers
www.coolingtowerdepot.com
Free! the industries only Online Cooling Tower Design Program With Pricing. Beat That. Free!

Copyright © 2007 Visit our web site at www.coolingtowerdepot.com for our full Terms and Conditions

Anchors and Straps



Custom weldment and replacement anchor assemblies available in 304ss, 316ss, Silicon Bronze for any tower application. Starting at $79.63.



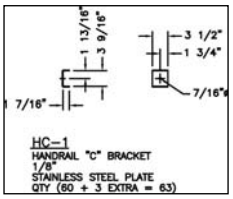
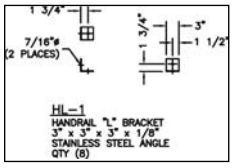
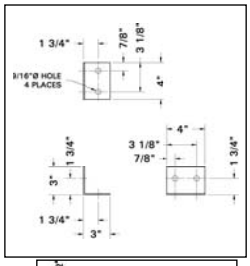
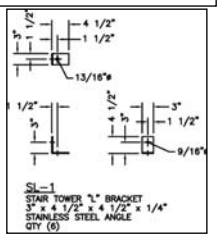
Part No.	Part Description	Price (ea)
CTD-3HS-21	3 Hole stainless steel joint connector	**$11.57**
CTD-3HS-22	3 Hole stainless steel joint connector	**$11.67**
CTD-3HS-24	3 Hole stainless steel joint connector	**$11.69**
CTD-5HS-21	5 Hole stainless steel joint connector	**$14.08**
CTD-5HS-22	5 Hole stainless steel joint connector	**$14.31**
CTD-5HS-24	5 Hole stainless steel joint connector	**$14.38**

Prices in this book are subject to change. For updated pricing, please call us at (877)-243-3945 or visit us online at www.coolingtowerdepot.com

Copyright © 2007 Visit our web site at www.coolingtowerdepot.com for our full Terms and Conditions





	Part No.	Part Description	Price (ea)
	**CTD-HC-1**	Handrail “C” bracket stainless steel	**$7.42**
	**CTD-HL-1**	Handrail “L” bracket stainless steel	**$6.57**
	**CTD-WL-1**	Walkway “L” bracket stainless steel	**$6.30**
	**CTD-SL-1**	Stairway anchor “L” bracket for columns	**$19.22**
	**CTD-3HS-FRP-21**	3 Hole FRP joint connector	**$13.37**
	**CTD-3HS-FRP-22**	3 Hole FRP joint connector	**$13.47**
	**CTD-3HS-FRP-24**	3 Hole FRP joint connector	**$13.49**

COOLING TOWER DEPOT
The Depot of All Cooling Towers
www.coolingtowerdepot.com

Free! the industries only Online Cooling Tower Design Program With Pricing. Beat That. Free!

Copyright © 2007 Visit our web site at www.coolingtowerdepot.com for our full Terms and Conditions

Anchors and Straps





	Part No.	Part Description	Price (ea)
	**CTD-5HS-FRP-21**	5 Hole FRP joint connector	**$14.98**
	**CTD-5HS-FRP-22**	5 Hole FRP joint connector	**$15.22**
	**CTD-5HS-FRP-24**	5 Hole FRP joint connector	**$15.28**
	**CTD-2.5SS**	Split Ring connector stainless steel 2.75" OD	**$2.26**
	**CTD-2.5FRP**	FRP Structural shear puck connector 1/2" thick x 2.5" OD	**$1.44**
	**CTD-2.51**	FRP Structural shear puck connector 1" thick x 2.5" OD	**$1.98**

Prices in this book are subject to change. For updated pricing, please call us at (877)-243-3945 or visit us online at www.coolingtowerdepot.com

Copyright © 2007 Visit our web site at www.coolingtowerdepot.com for our full Terms and Conditions

Anchors and Straps/Basin Coatings













Part No.	Part Description	Price (ea)
CTD-10508	FRP Bearing sleeve for bolting FRP components together 1/2" bolt single member	**$0.65**
CTD-105103	FRP Bearing sleeve for bolting FRP components together 2 members 1/2" bolt	**$0.70**
CTD-AB8	3/4" X 8" 304 SS Anchor bolt assembly with epoxy	**$29.95**
CTD-AC8	1/2" X 8" 304 SS Anchor bolt assembly with epoxy	**$19.72**

Basin Coatings





CTD-CIM1000	CIM 1000 coating for wood, steel, FRP applications. 5 gallon mixture.	**$880.60**

COOLING TOWER DEPOT
The Depot of All Cooling Towers
www.coolingtowerdepot.com
Free! the industries only Online Cooling Tower Design Program With Pricing. Beat That. Free!

Copyright © 2007 Visit our web site at www.coolingtowerdepot.com for our full Terms and Conditions

Bolting Hardware



3/8" Hardware 18-8 S.S.



Part No.	Part Description	Price
CTD-37NFWSS-BA-18-8	3/8” Flat Washer S.S.	$0.06
CTD-37NMLWSS-BA-18-8	3/8” Lock Washer S.S.	$0.13
CTD-37CNFHJSS-BA-18-8	3/8”-16 Hex Jam Nut S.S.	$0.19
CTD-37CNFHSS-BA-18-8	3/8”-16 Hex Finish Nut S.S.	$0.19
CTD-37NWFDSS-BA-18-8	3/8”-16 X 1-1/2” Fender Washer S.S.	$0.25
CTD-37CNNESS-BA-18-8	3/8”-16 Nylon Insert Lock-Nut S.S.	$0.25
CTD-37NNBWSS-BA-18-8	3/8” Neo Bonded Washer S.S.	$0.31
CTD-37C100CBSS-BA-18-8	3/8” X 1” Carriage Bolt S.S.	$0.50
CTD-37C150BCSS-BA-18-8	3/8”-16 X 1-1/2” Carriage Bolts.S.	$0.57
CTD-37CNWGSS-BA-18-8	3/8”-16 Wing Nut S.S.	$0.76
CTD-37N200BHLSS-BA-18-8	3/8” X 2” Hex Lag Bolt S.S.	$0.95
CTD-37C75HCSTFLSS-BA-18-8	Bolt Assembly: 3/8” X 3/4” Hex Head, 1 Nut, 2 Washers	$1.07
CTD-37C50HCSSS-BA-18-8	Bolt Assembly: 3/8” X 1/2” Hex Head, 1 Nut, 2 Washers	$1.07
CTD-37N175HBLSS-BA-18-8	3/8” X 1-3/4” Hex Lag S.S.	$1.07
CTD-37N200BHLSS-BA-18-8	3/8” X 2” Hex Lag Bolt S.S.	$1.07
CTD-37C100HCSSS-BA-18-8	Bolt Assembly: 3/8” X 1” Hex Head, 1 Nut, 2 Washers	$1.13
CTD-37N250HBLSS-BA-18-8	3/8” X 2-1/2” Hex Lag S.S.	$1.13
CTD-37C125HCSTFLSS-BA-18-8	Bolt Assembly: 3/8” X 1-1/4” Hex Head, 1 Nut, 2 Washers	$1.20

Prices in this book are subject to change. For updated pricing, please call us at (877)-243-3945 or visit us online at www.coolingtowerdepot.com

Copyright © 2007 Visit our web site at www.coolingtowerdepot.com for our full Terms and Conditions

Bolting Hardware



3/8" Hardware 18-8 S.S.



Part No.	Part Description	Price
CTD-37C150HCSSS-BA-18-8	Bolt Assembly: 3/8”-16 X 1-1 /2” Hex Head, 1 Nut, 2 Washers	$1.26
CTD-37C150HCSTFLSS-BA-18-8	Bolt Assembly: 3/8”-16 X 1-1/2” Hex Head TFL, 1 Nut, 2 Washers	$1.26
CTD-37N300HBLSS-BA-18-8	3/8” X 3” Hex Lag Bolt S.S.	$1.26
CTD-37C175HCSSS-BA-18-8	Bolt Assembly: 3/8”-16 X 1-3/4” Hex Head, 1 Nut, 2 Washers	$1.39
CTD-37C175HCSTFLSS-BA-18-8	Bolt Assembly: 3/8”-16 X 1-3/4” Hex Head TFL, 1 Nut, 2 Washers	$1.39
CTD-37N35QHBLSS-BA-18-8	3/8” X 3-1/2” Hex Lag S.S.	$1.45
CTD-37C200HCSTFLSS-BA-18-8	Bolt Assembly: 3/8”-16 X 2” Hex Head, 1 Nut, 2 Washers	$1.58
CTD-37C200HCSSS-BA-18-8	Bolt Assembly: 3/8”-16 X 2” Hex Head, 1 Nut, 2 Washers	$1.64
CTD-37N400HBLSS-BA-18-8	3/8” X 4” Hex Lag S.S.	$1.70
CTD-37C300HCSSS-BA-18-8	Bolt Assembly: 3/8”-16 X 3” Hex Head, 1 Nut, 2 Washers	$1.76
CTD-37C250HCSSS-BA-18-8	Bolt Assembly: 3/8”-16 X 2-1/2” Hex Head, 1 Nut, 2 Washers	$1.83
CTD-37C300HCSTFLSS-BA-18-8	Bolt Assembly: 3/8”-16 X 3” Hex Head, 1 Nut, 2 Washers	$1.89
CTD-37C350HCSTFLSS-BA-18-8	Bolt Assembly: 3/8”-16 X 3-1/2” Hex Head, 1 Nut, 2 Washers	$1.89
CTD-37C350HC5SS-BA-18-8	Bolt Assembly: 3/8”-16 X 3-1/2” Hex Head TFL, 1 Nut, 2 Washers	$1.89
CTD-37N500HBLSS-BA-18-8	3/8” X 5” Hex Lag S.S.	$2.14
CTD-37C250HCSTFLSS-BA-18-8	Bolt Assembly: 3/8”-16 X 2-1/2” Hex Head, 1 Nut, 2 Washers	$2.33
CTD-37N450HBLSS-BA-18-8	3/8” X 4-1/2” Hex Lag S.S.	$2.53
CTD-37C450HCSSS-BA-18-8	Bolt Assembly: 3/8”-15 X 4-1/2” Hex Head, 1 Nut, 2 Washers	$2.58

COOLING TOWER DEPOT
The Depot of All Cooling Towers
www.coolingtowerdepot.com

Free! the industries only Online Cooling Tower Design Program With Pricing. Beat That. Free!

Copyright © 2007 Visit our web site at www.coolingtowerdepot.com for our full Terms and Conditions

Bolting Hardware



3/8" Hardware 18-8 S.S.



Part No.	Part Description	Price
CTD-37C600HCS3TR5S-BA-18-8	Bolt Assembly: 3/8”-16 X 6” Hex Head, 1 Nut, 2 Washers	$2.58
CTD-37C500HCSTFLSS-BA-18-8	Bolt Assembly: 3/8”-16 X 5” Hex Head, 1 Nut, 2 Washers	$2.77
CTD-37C400HCSSS-BA-18-8	Bolt Assembly: 3/8”-16 X 4” Hex Head, 1 Nut, 2 Washers	$2.84
CTD-37C500HCSSS-BA-18-8	Bolt Assembly: 3/8”-16 X 5” Hex Head, 1 Nut, 2 Washers	$2.90
CTD-37C550HCSSS-BA-18-8	Bolt Assembly: 3/8”-16 X 5-1/2” Hex Head, 1 Nut, 2 Washers	$3.09
CTD-37C600HCSSS-BA-18-8	Bolt Assembly: 3/8”-16 X 6” Hex Head, 1 Nut, 2 Washers	$3.21
CTD-37C650HCS3TRSS-BA-18-8	Bolt Assembly: 3/8”-16 X 6-1/2” Hex Head, 1 Nut, 2 Washers	$3.46
CTD-37C650HCSSS-BA-18-8	Bolt Assembly: 3/8”-16 X 6-1/2” Hex Head, 1 Nut, 2 Washers	$3.65
CTD-37C45DHCSTFLSS-BA-18-8	Bolt Assembly: 3/8”-16 X 4-1/2” Hex Head, 1 Nut, 2 Washers	$3.72
CTD-37C700HCS8S-BA-18-8	Bolt Assembly: 3/8”-16 X 7” Hex Head, 1 Nut, 2 Washers	$3.91
CTD-37C750HCS3TRSS-BA-18-8	Bolt Assembly: 3/8”-16 X 7-1/2” Hex Head, 1 Nut, 2 Washers	$4.35
CTD-37C800HCSSS-BA-18-8	Bolt Assembly: 3/8”-16 X 8” Hex Head, 1 Nut, 2 Washers	$5.36
CTD-37C750HCSSS-BA-18-8	Bolt Assembly: 3/8”-16 X 7-1/2” Hex Head, 1 Nut, 2 Washers	$5.67
CTD-37C900HCSSS-BA-18-8	Bolt Assembly: 3/8”-16 X 9” Hex Head, 1 Nut, 2 Washers	$6.24
CTD-37850HCSSS-BA-18-8	Bolt Assembly: 3/8”-16 X 8-1/2” Hex Head, 1 Nut, 2 Washers	$7.50
CTD-37C950HCSSS-BA-18-8	Bolt Assembly: 3/8”-16 X 9-1/2” Hex Head, 1 Nut, 2 Washers	$8.25
CTD-37C4800ATRSS-BA-18-8	3/8”-16 X 48” All Thread Rod S.S.	$11.34
CTD-37C3600ATR5S-BA-18-8	3/8”-16 X 36” All Thread Rod S.S.	$12.16

Prices in this book are subject to change. For updated pricing, please call us at (877)-243-3945 or visit us online at www.coolingtowerdepot.com

Copyright © 2007 Visit our web site at www.coolingtowerdepot.com for our full Terms and Conditions

Bolting Hardware



3/8 " Hardware 18-8-S.S.



Part No.	Part Description	Price
CTD-37C2400ATRSS-BA-18-8	3/8”-16 X 24”All Thread Rod S.S.	$14.93
CTD-37C7200ATRSS-BA-18-8	3/8”-16 X 6’ All Thread Rod S.S.	$15.12
CTD-37C1000HCSSS-BA-18-8	Bolt Assembly: 3/8”-1 6 X 10” Hex Head, 1 Nut, 2 Washers	$16.25
CTD-37C1200HCSSS-BA-18-8	Bolt Assembly: 3/8”-16 X 12” Hex Head, 1 Nut, 2 Washers	$17.07
CTD-37C1200HCS3TRSS-BA-18-8	Bolt Assembly: 3/8”-16 12” Hex Head, 1 Nut, 2 Washers	$17.33
CTD-37C800CBSS-BA-18-8	3/8”-16 X 8” Carrage Bolt S.S.	$20.98
CTD-37C14DOHCS6TRSS-BA-18-8	Bolt Assembly: 3/8”-16 X 14” Hex Head, 1 Nut, 2 Washers	$28.54
CTD-BA-18-8-1.75	Stack Bolt Assembly: 3/8” X 1 3/4” Hex Head, 1 Nylock Nut, 2 Washers, 18-8 S.S.	$38.77 / 25 pcs

COOLING TOWER DEPOT
The Depot of All Cooling Towers
www.coolingtowerdepot.com

Free! the industries only Online Cooling Tower Design Program With Pricing. Beat That. Free!

Copyright © 2007 Visit our web site at www.coolingtowerdepot.com for our full Terms and Conditions

Bolting Hardware



1/2" Hardware 18-8 S.S.



Part No.	Part Description	Price
CTD-50NFWSS-BA-18-8	1/2” Flat Washer S.S.	$0.19
CTD-50NMLWSS-BA-18-8	1/2” Lock Washer S.S.	$0.19
CTD-50NFW3-BA-18-8	1/2” Flat Washer S.S. 316	$0.31
CTD-50CNHJSS-BA-18-8	1/2”-13” Hex Jam Nut S.S.	$0.31
CTD-50CNFH3-BA-18-8	1/2”-13” Hex Nut S.S. 316	$0.44
CTD-50CNFHSS-BA-18-8	1/2”-13” Hex Finish Nut S.S.	$0.50
CTD-50NWFDSS-BA-18-8	1/2”-13 X 1-3/4” Fender Washer S.S.	$0.50
CTD-50CNNESS-BA-18-8	1/2”-13 Nylon Insert Lock Nut S.S.	$0.57
CTD-50NNBWSS-BA-18-8	1/2” Neo Bonded Washer S.S.	$0.82
CTD-50CNWGSS-BA-18-8	1/2”-13 Wing Nut S.S.	$1.95
CTD-50N250HBLSS-BA-18-8	1/2” X 2-1/2” Hex Lag S.S.	$2.27
CTD-50N300HBLSS-BA-18-8	1/2” X 3” Hex Lag S.S.	$2.27
CTD-50C100HCSSS-BA-18-8	Bolt Assembly: 1/2”-13 X 1” Hex Head, 1 Nut, 2 Washers	$2.65
CTD-50C125HCSTFLSS-BA-18-8	Bolt Assembly: 1/2”-13 X 1 1/4” Hex Head, 1 Nut, 2 Washers	$2.77
CTD-50C150HCSSS-BA-18-8	Bolt Assembly: 1/2”-13 X 1-1/2” Hex Head, 1 Nut, 2 Washers	$2.77
CTD-50C150HCSSS-BA-18-8	Bolt Assembly: 1/2”-13 X 1-1/2” Hex Head, 1 Nut, 2 Washers	$2.77
CTD-50C200HCSSS-BA-18-8	Bolt Assembly: 1/2”-13 X 2” Hex Head, 1 Nut, 2 Washers	$2.90
CTD-50C250HCSSS-BA-18-8	Bolt Assembly: 1/2”-13 X 2-1/2” Hex Head, 1 Nut, 2 Washers	$3.15
CTD-50C200HCSTFLSS-BA-18-8	Bolt Assembly: 1/2”-13 X 2” Hex Head, 1 Nut, 2 Washers	$3.34
CTD-50C3HCSSS-BA-18-8	Bolt Assembly: 1/2”-13 X 3” Hex Head, 1 Nut, 2 Washers	$3.46

Prices in this book are subject to change. For updated pricing, please call us at (877)-243-3945 or visit us online at www.coolingtowerdepot.com

Copyright © 2007 Visit our web site at www.coolingtowerdepot.com for our full Terms and Conditions



1/2" Hardware 18-8 S.S.



Part No.	Part Description	Price
CTD-50C350HCSSS-BA-18-8	Bolt Assembly: 1/2”-13 X 3-1/2” Hex Head, 1 Nut, 2 Washers	$3.65
CTD-50N400HBLSS-BA-18-8	1/2” X 4” Hex Lag S.S.	$3.78
CTD-50N450HBLSS-BA-18-8	1/2” X 4-1/2” Hex Lag S.S.	$3.78
CTD-50C3DOHCSTFLSS-BA-18-8	Bolt Assembly: 1/2”-13 X 3” Hex Head, 1 Nut, 2 Washers	$3.84
CTD-50C350HCSTFLSS-BA-18-8	Bolt Assembly: 1/2”-13 X 3-1/2” Hex Head, 1 Nut, 2 Washers	$4.28
CTD-50N500HBLSS-BA-18-8	1/2” X 5” Hex Lag S.S.	$4.31
CTD-50N600HBLSS-BA-18-8	1/2” X 6” Hex Lag S.S.	$4.63
CTD-50C400HCSTFLSS-BA-18-8	Bolt Assembly: 1/2”-13 X 4” Hex Head, 1 Nut, 2 Washers	$4.85
CTD-50C450HCSTFLSS-BA-18-8	Bolt Assembly: 1/2”-13 X 4 1/2” TFL Hex Head, 1 Nut, 2 Washers	$4.85
CTD-50C600HCSSS-BA-18-8	1/2”-13 X 6” Hex Bolt S.S. W/3” Thread	$4.85
CTD-50C400HCSSS-BA-18-8	Bolt Assembly: 1/2”-13 X 4” Hex Head, 1 Nut, 2 Washers	$5.04
CTD-50C600HCSSS-BA-18-8	Bolt Assembly: 1/2”-13 X 6” Hex Head, 1 Nut, 2 Washers	$5.04
CTD-50C650HCS3TRSS-BA-18-8	Bolt Assembly: 1/2”-13 X 6-1/2” Hex Head, 1 Nut, 2 Washers	$5.04
CTD-50C850HCSSS-BA-18-8	1/2”-13 X 8-1/2” Hex Bolt S.S.	$5.54
CTD-50CB50HCS3TRSS-BA-18-8	1/2”-13 X 8-1/2” Hex Bolt S.S. W/ 3’ Thread	$5.54
CTD-50C700HCS3TR316-BA-18-8	1/2”-13 X 7” Hex Bolt S.S.	$5.67
CTD-50C450HCSSS-BA-18-8	Bolt Assembly: 1/2”-13 X 4-1/2” Hex Head, 1 Nut, 2 Washers	$5.99
CTD-50C500HCSTFLSS-BA-18-8	Bolt Assembly: 1/2”-13 X 5” Hex Head, 1 Nut, 2 Washers	$5.99
CTD-50C550HCSSS-BA-18-8	Bolt Assembly: 1/2”-13 X 5-1/2” Hex Head, 1 Nut, 2 Washers	$5.99
CTD-50C900HCS3TRSS-BA-18-8	1/2”-13 X 9” Hex Bolt S.S. W/ 3” Thread	$6.05

COOLING TOWER DEPOT
The Depot of All Cooling Towers
www.coolingtowerdepot.com

Free! the industries only Online Cooling Tower Design Program With Pricing. Beat That. Free!

Copyright © 2007 Visit our web site at www.coolingtowerdepot.com for our full Terms and Conditions

Bolting Hardware



1/2" Hardware 18-8 S.S.



Part No.	Part Description	Price
CTD-50C700HCSSS-BA-18-8	Bolt Assembly: 1/2”-13 X 7” Hex Head, 1 Nut, 2 Washers	$6.11
CTD-50C700HCS3TRSS-BA-18-8	Bolt Assembly: 1/2”-13 X 7” Hex Head 3" trd., 1 Nut, 2 Washers	$6.36
CTD-50C750HCS3TRSS-BA-18-8	Bolt Assembly: 1/2”-13 X 7-1/2” Hex Head, 1 Nut, 2 Washers	$6.36
CTD-50C400HCSSS-BA-18-8	Bolt Assembly: 1/2”-13 X 4” Hex Head, 1 Nut, 2 Washers	$6.49
CTD-50C800HCS3TRSS-BA-18-8	Bolt Assembly: 1/2”-13 X 8” Hex Head, 1 Nut, 2 Washers	$6.74
CTD-50C850HCS3TR316-BA-18-8	1/2”-13 X 8-1/2” Hex Bolt 3 Thread 316	$7.25
CTD-50C900HCSSS-BA-18-8	1/2”-13 X 9” Hex Bolt S.S.	$7.56
CTD-50C950HCSSS-BA-18-8	1/2”-13 X 9-1/2” Hex Bolt S.S. W/3” Thread	$7.75
CTD-50C650HCS3TRSS-BA-18-8	Bolt Assembly: 1/2”-13 X 6-1/2” Hex Head, 1 Nut, 2 Washers	$8.13
CTD-50C800HCS3TR316-BA-18-8	Bolt Assembly: 1/2”-13 X 8” Hex Head, 1 Nut, 2 Washers	$8.38
CTD-50C950HCSSS-BA-18-8	1/2”-13 X 9-1/2” Hex Bolt S.S.	$8.57
CTD-50C100HCS3TRSS-BA-18-8	1/2”-13 X 10” Hex Bolt S.S.	$9.07
CTD-50C800HCSSS-BA-18-8	Bolt Assembly: 1/2”-13 X 8” Hex Head, 1 Nut, 2 Washers	$9.26
CTD-50C950HCS3TRSS-BA-18-8	1/2”-1 3 X 9-1 12” Hex Bolt S.S. W/ 3” Thread	$10.52
CTD-50C1050HCS3TRSS-BA-18-8	1/2”-13 X 10-1/2” Hex Bolt S.S. W/3” Thread	$10.90
CTD-50C1050HCSSS-BA-18-8	1/2”-13 X 10-1/2” Hex Bolt S.S.	$11.40
CTD-50C1100HCS3TRSS-BA-18-8	1/2”-13 X 11” Hex Bolt S.S.	$12.41
CTD-50C1150HCS3TRSS-BA-18-8	1/2”-13 X 11-1/2” Hex Bolt S.S. W/ 3” Thread	$12.92
CTD-50C1150HCSSS-BA-18-8	1/2”-13 X 11-1/2” Hex Bolt S.S.	$13.92
CTD-50C700AWGSS-BA-18-8	1/2”-13 X 7 Wedge Anchor S.S.	$14.80

Prices in this book are subject to change. For updated pricing, please call us at (877)-243-3945 or visit us online at www.coolingtowerdepot.com

Copyright © 2007 Visit our web site at www.coolingtowerdepot.com for our full Terms and Conditions

Bolting Hardware



1/2 " Hardware 18-8-S.S.



Part No.	Part Description	Price
CTD-50C1400STFLSS-BA-18-8	1/2”-13 X 14” Threaded Full Length Stud S.S.	$14.87
CTD-50C1200HCS3TRSS-BA-18-8	1/2”-13 X 12” Hex Bolt S.S.	$14.93
CTD-50C3600ATRSS-BA-18-8	1/2”-13 X 36” All Thread Rod S.S.	$15.12
CTD-50-13DIANC-BA-18-8	1/2”-13 Drop In Anchors	$16.19
CTD-50C1400HC56TRSS-BA-18-8	1/2”-13 X 14” Hex Bolt S.S. W/ 6” Thread	$16.38
CTD-50C750CBSS-BA-18-8	1/2”-13 X 7-1/2” Carrage Bolt S.S.	$20.98
CTD-50C1600HCS6TRSS-BA-18-8	1/2”-13 X 16” Hex Bolt S.S. W/ 6” Thread	$21.48
CTD-BA-18-8-4	Bolt Assembly: 1/2” X 4” Hex Head, 1 Nut, 2 Washers, 18-8 S.S.	$27.08 / 25 pcs
CTD-50C7200ATRSS-BA-18-8	1/2”-13 X 6’ All Thread Rod S.S.	$30.24
CTD-50C3500LRSS-BA-18-8	1/2”-13 X 35” Louver Rod S.S.	$35.72
CTD-BA-18-8-5	Bolt Assembly: 1/2” X 5” Hex Head, 1 Nut, 2 Washers, 18-8 S.S.	$37.11 / 25 pcs
CTD-50C3475LOUVER-BA-18-8	1/2”-13 X 34-3/4” Louver Rod S.S.	$42.02
CTD-50C3100LOUVER-BA-18-8	1/2”-13 X 31” Louver Rod S.S.	$48.70
CTD-BA-18-8-6	Bolt Assembly: 1/2” X 6” Hex Head, 1 Nut, 2 Washers, 18-8 S.S.	$65.24 / 25 pcs
CTD-BA-18-8-7.5	Bolt Assembly: 1/2” X 7-1/2” Hex Head, 1 Nut, 2 Washers, 18-8 S.S.	$68.02 / 25 pcs

COOLING TOWER DEPOT
The Depot of All Cooling Towers
www.coolingtowerdepot.com
Free! the industries only Online Cooling Tower Design Program With Pricing. Beat That. Free!

Copyright © 2007 Visit our web site at www.coolingtowerdepot.com for our full Terms and Conditions

Bolting Hardware



3/4" Hardware 18-8-S.S.



Part No.	Part Description	Price
CTD-75NFWSS-BA-18-8	3/4” Flat Washer S.S.	$0.63
CTD-75NFW20DSS-BA-18-8	3/4” Flat Washer 2” Od S.S.	$1.01
CTD-75NFW316-BA-18-8	3/4” Flat Washer 316	$1.26
CTD-75CNFHSS-BA-18-8	3/4”-10” Hex Finish Nut S.S.	$1.70
CTD-75C150HCSTFLSS-BA-18-8	3/4”-10 X 1-1/2” Hex Bolt.S.Threaded Full Length	$3.84
CTD-75C250HCSSS-BA-18-8	3/4”-10 X 2-1/2” Hex Bolt.S.	$4.09
CTD-75C200HCSTFLSS-BA-18-8	3/4”-10 X 2” Hex Bolt.S.Threaded Full Length	$4.22
CTD-75C200HCSSS-BA-18-8	3/4”-10 X 2” Hex Bolt.S.	$5.42
CTD-75C250HCSTFLSS-BA-18-8	3/4”-10 X 2-1/2” Hex Bolt.S.Threaded Full Length	$5.86
CTD-75C300HCSSS-BA-18-8	3/4”-10 X 3” Hex Bolt.S.	$6.05
CTD-75C500HCSSS-BA-18-8	3/4”-10 X 5” Hex Bolt.S.	$7.37
CTD-75C550HCSSS-BA-18-8	3/4”-10 X 5-1/2” Hex Bolt.S.	$8.25
CTD-75CNNES-BA-18-8	3/4”-10 Nylon Insert Lock Nut S.S.	$8.25
CTD-75C350HCSSS-BA-18-8	3/4”-10 X 3-1/2” Hex Bolt.S.	$8.57
CTD-75C475HCSSS-BA-18-8	3/4”- 10 X 4 3/4” Hex Bolt.S.S	$9.39
CTD-75C40DHCSSS-BA-18-8	3/4”-10 X 4” Hex Bolt.S.	$10.84
CTD-75C450HCSSS-BA-18-8	3/4”-10 X 4-1/2” Hex Bolt.S.S	$10.90
CTD-75C600HCSSS-BA-18-8	3/4”-10 X 6” Hex Bolt.S.	$11.59
CTD-75C700HCSSS-BA-18-8	3/4”- 10 X 7” Hex Bolt.S.	$13.10
CTD-75C850HCSSS-BA-18-8	3/4”-10 X 8-1/2” Hex Bolt S.S.	$13.86

Prices in this book are subject to change. For updated pricing, please call us at (877)-243-3945 or visit us online at www.coolingtowerdepot.com

Copyright © 2007 Visit our web site at www.coolingtowerdepot.com for our full Terms and Conditions

Bolting Hardware



3/4" Hardware 18-8 S.S.



Part No.	Part Description	Price
CTD-75X750HCSSS-BA-18-8	3/4”-10 X 7-1/2” Hex Bolt.S.S	$14.55
CTD-75C800HCSSS-BA-18-8	3/4”-10 X 8” Hex Bolt S.S.	$14.80
CTD-75C900HCSSS-BA-18-8	3/4”-10 X 9” Hex Bolt.S.S	$15.31
CTD-75C400ATSSS-BA-18-8	3/4”-10 X 4” Stud Full Thread S.S.	$15.56
CTD-75C900STFLSS-BA-18-8	3/4”-10 X 9” Stud Full Thread S.S.	$16.82
CTD-75C1000HCSSS-BA-18-8	3/4”-10 X 10” Hex Bolt.S.S	$18.08
CTD-75C1200HCSSS-BA-18-8	3/4”-10 X 12” Hex Bolt.S.S	$24.95
CTD-75NMLWSS-BA-18-8	3/4” Lock Washer S.S.	$0.56
CTD-75C1050HCSSS-BA-18-8	3/4”-10 X 10-1/2” Hex Bolt.S.S	$46.18
CTD-75C1400STFLG-BA-18-8	3/4”-10 X 14” Stud Full Thread S.S.	$49.96
CTD-75C6ATRSS-BA-18-8	3/4”-10 X 6’ All Thread Rod S.S.	$82.72
CTD-75C12ATRSS-BA-18-8	3/4”-10 X 12’ All Thread Rod S.S.	$165.31

COOLING TOWER DEPOT
The Depot of All Cooling Towers
www.coolingtowerdepot.com

Free! the industries only Online Cooling Tower Design Program With Pricing. Beat That. Free!

Copyright © 2007 Visit our web site at www.coolingtowerdepot.com for our full Terms and Conditions

Bolting Hardware



3/8" Hardware 316 S.S.



Part No.	Part Description	Price
CTD-37NFWSS-BA-316	3/8” Flat Washer S.S.	$0.12
CTD-37NMLWSS-BA-316	3/8” Lock Washer S.S.	$0.26
CTD-37CNFHJSS-BA-316	3/8 -16” Hex Jam Nut S.S.	$0.38
CTD-37CNFHSS-BA-316	3/8”-16” Hex Finish Nut S.S.	$0.38
CTD-37NWFDSS-BA-316	3/8”-1 6 X 1-1/2” Fender Washer S.S.	$0.50
CTD-37CNNESS-BA-316	3/8”-16 Nylon Insert Lock-Nut S.S.	$0.50
CTD-37NNBWSS-BA-316	3/8” Neo Bonded Washer S.S.	$0.62
CTD-37C100CBSS-BA-316	3/8” X 1” Carriage Bolt S.S.	$1.00
CTD-37C150BCSS-BA-316	3/8”-16 X 1 1/2” Carriage Bolt S.S. S	$1.14
CTD-37CNWGSS-BA-316	3/8”-16 Wing Nut S.S.	$1.52
CTD-37N200BHLSS-BA-316	3/8” X 2” Hex Lag Bolt S.S.	$1.90
CTD-37C75HCSTFLSS-BA-316	Bolt Assembly: 3/8” X 3/4” Hex Head, 1 Nut, 2 Washers	$2.14
CTD-37C50HCSSS-BA-316	Bolt Assembly: 3/8” X 1/2” Hex Head, 1 Nut, 2 Washers	$2.14
CTD-37N175HBLSS-BA-316	3/8” X 1-3/4” Hex Lag S.S.	$2.14
CTD-37N200BHLSS-BA-316	3/8” X 2” Hex Lag Bolt S.S.	$2.14
CTD-37C100HCSSS-BA-316	Bolt Assembly: 3/8” X 1” Hex Head, 1 Nut, 2 Washers	$2.26
CTD-37N250HBLSS-BA-316	3/8” X 2-1/2” Hex Lag S.S.	$2.26
CTD-37C125HCSTFLSS-BA-316	Bolt Assembly: 3/8” X 1-1/4” Hex Head, 1 Nut, 2 Washers	$2.40
CTD-37C150HCSSS-BA-316	Bolt Assembly: 3/8”-16 X 1-1 /2” Hex Head, 1 Nut, 2 Washers	$2.52
CTD-37C150HCSTFLSS-BA-316	Bolt Assembly: 3/8”-16 X 1 1/2” Hex Head, 1 Nut, 2 Washers	$2.52

Prices in this book are subject to change. For updated pricing, please call us at (877)-243-3945 or visit us online at www.coolingtowerdepot.com

Copyright © 2007 Visit our web site at www.coolingtowerdepot.com for our full Terms and Conditions



3/8" Hardware 316 S.S.



Part No.	Part Description	Price
CTD-37N300HBLSS-BA-316	3/8” X 3” Hex Lag Bolt S.S.	$2.52
CTD-37C175HCSSS-BA-316	Bolt Assembly: 3/8”-16 X 1-3/4” Hex Head, 1 Nut, 2 Washers	$2.78
CTD-37C175HCSTFLSS-BA-316	Bolt Assembly: 3/8”-16 X 1-3/4” Hex Head, 1 Nut, 2 Washers	$2.78
CTD-37N35QHBLSS-BA-316	3/8” X 3-1/2” Hex Lag S.S.	$2.90
CTD-37C200HCSTFLSS-BA-316	Bolt Assembly: 3/8”-16 X 2” Hex Head, 1 Nut, 2 Washers	$3.16
CTD-37C200HCSSS-BA-316	Bolt Assembly: 3/8”-16 X 2” Hex Head, 1 Nut, 2 Washers	$3.28
CTD-37N400HBLSS-BA-316	3/8” X 4” Hex Lag S.S.	$3.40
CTD-37C300HCSSS-BA-316	Bolt Assembly: 3/8”-16 X 3” Hex Head, 1 Nut, 2 Washers	$3.52
CTD-37C250HCSSS-BA-316	Bolt Assembly: 3/8”-16 X 2 1/2” Hex Head, 1 Nut, 2 Washers	$3.66
CTD-37C300HCSTFLSS-BA-316	Bolt Assembly: 3/8”-16 X 3” Hex Head, 1 Nut, 2 Washers	$3.68
CTD-37C350HCSTFLSS-BA-316	Bolt Assembly: 3/8”-16 X 3 1/2” Hex Head, 1 Nut, 2 Washers	$3.68
CTD-37C350HC5SS-BA-316	Bolt Assembly: 3/8”-16 X 3 1/2” Hex Head, 1 Nut, 2 Washers	$3.68
CTD-37N500HBLSS-BA-316	3/8” X 5” Hex Lag S.S.	$4.28
CTD-37C250HCSTFLSS-BA-316	Bolt Assembly: 3/8”-16 X 2 1/2” Hex Head, 1 Nut, 2 Washers	$4.66
CTD-37N450HBLSS-BA-316	3/8” X 4 1/2” Hex Lag S.S.	$5.06
CTD-37C450HCSSS-BA-316	Bolt Assembly: 3/8”-15 X 4 1/2” Hex Head, 1 Nut, 2 Washers	$5.16
CTD-37C600HCS3TR5S-BA-316	Bolt Assembly: 3/8”-16 X 6” Hex Head, 1 Nut, 2 Washers	$5.16
CTD-37C500HCSTFLSS-BA-316	Bolt Assembly: 3/8”-16 X 5” Hex Head, 1 Nut, 2 Washers	$5.54
CTD-37C400HCSSS-BA-316	Bolt Assembly: 3/8”-16 X 4” Hex Head, 1 Nut, 2 Washers	$5.68
CTD-37C500HCSSS-BA-316	Bolt Assembly: 3/8”-16 X 5” Hex Head, 1 Nut, 2 Washers	$5.80

COOLING TOWER DEPOT
The Depot of All Cooling Towers
www.coolingtowerdepot.com



Copyright © 2007 Visit our web site at www.coolingtowerdepot.com for our full Terms and Conditions

Bolting Hardware



3/8" Hardware 316 S.S.



Part No.	Part Description	Price
CTD-37C550HCSSS-BA-316	Bolt Assembly: 3/8”-16 X 5 1/2” Hex Head, 1 Nut, 2 Washers	$6.18
CTD-37C600HCSSS-BA-316	Bolt Assembly: 3/8”-16 X 6” Hex Head, 1 Nut, 2 Washers	$6.42
CTD-37CB50HCS3TRSS-BA-316	Bolt Assembly: 3/8”-16 X 6 1/2” Hex Head, 1 Nut, 2 Washers	$6.92
CTD-37C45DHCSTFLSS-BA-316	Bolt Assembly: 3/8”-16 X 4-1/2” Hex Head, 1 Nut, 2 Washers	$7.44
CTD-37C650HCSSS-BA-316	Bolt Assembly: 3/8”-16 X 6 1C” Hex Head, 1 Nut, 2 Washers	$7.44
CTD-37C700HCS8S-BA-316	Bolt Assembly: 3/8”-16 X 7” Hex Head, 1 Nut, 2 Washers	$7.82
CTD-37C750HCS3TRSS-BA-316	Bolt Assembly: 3/8”-16 X 7-1/2” Hex Head, 1 Nut, 2 Washers	$8.70
CTD-37C800HCSSS-BA-316	Bolt Assembly: 3/8”-16 X 8” Hex Head, 1 Nut, 2 Washers	$10.72
CTD-37C750HCSSS-BA-316	Bolt Assembly: 3/8”-16 X 7 1/2” Hex Head, 1 Nut, 2 Washers	$11.34
CTD-37C900HCSSS-BA-316	Bolt Assembly: 3/8”-16 X 9” Hex Head, 1 Nut, 2 Washers	$12.48
CTD-37850HCSSS-BA-316	Bolt Assembly: 3/8”-16 X 8 1/2” Hex Head, 1 Nut, 2 Washers	$15.00
CTD-37C950HCSSS-BA-316	Bolt Assembly: 3/8”-16 X 9 1/2” Hex Head, 1 Nut, 2 Washers	$16.50
CTD-37C4800ATRSS-BA-316	3/8”-16 X 48”All Thread Rod S.S.	$22.68
CTD-37C3600ATR5S-BA-316	3/8”-16 X 36” All Thread Rod S.S.	$24.32
CTD-37C2400ATRSS-BA-316	3/8”-16 X 24”All Thread Rod S.S.	$29.86
CTD-37C7200ATRSS-BA-316	3/8”-16 X 6’All Thread Rod S.S.	$30.24
CTD-37C1000HCSSS-BA-316	Bolt Assembly: 3/8”-1 6 X 10” Hex Head, 1 Nut, 2 Washers	$32.64
CTD-37C1200HCSSS-BA-316	Bolt Assembly: 3/8”-16 X 12” Hex Head, 1 Nut, 2 Washers	$34.17
CTD-37C1200HCS3TRSS-BA-316	Bolt Assembly: 3/8”-1612” Hex Head, 1 Nut, 2 Washers	$34.66
CTD-37C800CBSS-BA-316	3/8”-16 X 8 Carrage Bolt S.S.	$41.96

Prices in this book are subject to change. For updated pricing, please call us at (877)-243-3945 or visit us online at www.coolingtowerdepot.com

Copyright © 2007 Visit our web site at www.coolingtowerdepot.com for our full Terms and Conditions



3/8" Hardware 316 S.S.



Part No.	Part Description	Price
CTD-37C14DOHCS6TRSS-BA-316	Bolt Assembly: 3/8”-16 X 14” Hex Head, 1 Nut, 2 Washers	$57.08
CTD-BA-316-1.75	Stack Bolt Assembly: 3/8” X 1 3/4” Hex Head, 1 Nylock Nut, 2 Washers, 316 S.S.	$112.40 /25 pcs.

COOLING TOWER DEPOT
The Depot of All Cooling Towers
www.coolingtowerdepot.com
Free! the industries only Online Cooling Tower Design Program With Pricing. Beat That. Free!

Copyright © 2007 Visit our web site at www.coolingtowerdepot.com for our full Terms and Conditions

Bolting Hardware



1/2" Hardware 316 S.S.



Part No.	Part Description	Price
CTD-50NMLWSS-BA-316	1/2” Lock Washer S.S.	$0.38
CTD-50NFW3-BA-316	1/2" Fan Nut S.S. 316	$0.38
CTD-50CNHJSS-BA-316	1/2”-1 3” Hex Jam Nut S.S.	$0.62
CTD-50CNFH3-BA-316	1/2”-1 3” Hex Nut S.S. 316	$0.88
CTD-50CNFHSS-BA-316	1/2”-13” Hex Finish Nut S.S.	$1.00
CTD-50NWFDSS-BA-316	1/2”-13 X 1-3/4” Fender Washer S.S.	$1.00
CTD-50CNNESS-BA-316	1/2”-13 Nylon Insert Lock Nut S.S.	$1.14
CTD-50NNBWSS-BA-316	1/2” Neo Bonded Washer S.S.	$1.64
CTD-50CNWGSS-BA-316	1/2”-1 3 Wing Nut S.S.	$3.90
CTD-50N250HBLSS-BA-316	1/2” X 2 1/2” Hex Lag S.S.	$4.54
CTD-50N300HBLSS-BA-316	1/2” X 3” Hex Lag S.S.	$4.54
CTD-50C100HCSSS-BA-316	Bolt Assembly: 1/2”-13 X 1” Hex Head, 1 Nut, 2 Washers	$5.30
CTD-50C125HCSTFLSS-BA-316	Bolt Assembly: 1/2”-13 X 1 1/4” Hex Head, 1 Nut, 2 Washers	$5.54
CTD-50C150HCSSS-BA-316	Bolt Assembly: 1 /2-1 3 X 1 1 /2” Hex Head, 1 Nut, 2 Washers	$5.54
CTD-50C150HCSSS-BA-316	Bolt Assembly: 1/2”-13 X 1 1/2” Hex Head, 1 Nut, 2 Washers	$5.54
CTD-50C200HCSSS-BA-316	Bolt Assembly: 1/2”-13 X 2” Hex Head, 1 Nut, 2 Washers	$5.80
CTD-50C250HCSSS-BA-316	Bolt Assembly: 1/2”-13 X 2 1/2” Hex Head, 1 Nut, 2 Washers	$6.30
CTD-50C200HCSTFLSS-BA-316	Bolt Assembly: 1/2”-13 X 2” Hex Head, 1 Nut, 2 Washers	$6.68
CTD-50C3HCSSS-BA-316	Bolt Assembly: 1/2”-13 X 3” Hex Head, 1 Nut, 2 Washers	$6.92
CTD-50C350HCSSS-BA-316	Bolt Assembly: 1/2”-13 X 3 1/2” Hex Head, 1 Nut, 2 Washers	$7.30

Prices in this book are subject to change. For updated pricing, please call us at (877)-243-3945 or visit us online at www.coolingtowerdepot.com

Copyright © 2007 Visit our web site at www.coolingtowerdepot.com for our full Terms and Conditions



1/2 " Hardware 316 S.S.



Part No.	Part Description	Price
CTD-50N400HBLSS-BA-316	1/2” X 4Hex Lag S.S.	$7.56
CTD-50N450HBLSS-BA-316	1/2" X 4-1/2” Hex Lag S.S.	$7.56
CTD-50C3DOHCSTFLSS-BA-316	Bolt Assembly: 1/2”-13 X 3” Hex Head, 1 Nut, 2 Washers	$7.68
CTD-50C350HCSTFLSS-BA-316	Bolt Assembly: 1/2”-13 X 3 1/2” Hex Head, 1 Nut, 2 Washers	$8.56
CTD-50C400HCSTFLSS-BA-316	Bolt Assembly: 1/2”-13 X 4” Hex Head, 1 Nut, 2 Washers	$9.70
CTD-50C450HCSTFLSS-BA-316	Bolt Assembly: 1/2”-13 X 4 1/2” Hex Head, 1 Nut, 2 Washers	$9.70
CTD-50C600HCSSS-BA-316	1/2”-13 X 6” Hex Bolt S.S. With Thread M6	$9.70
CTD-50N500HBLSS-BA-316	1/2” X 5” Hex Lag S.S.	$10.02
CTD-50C400HCSSS-BA-316	Bolt Assembly: 1/2”-13 X 4” Hex Head, 1 Nut, 2 Washers	$10.08
CTD-50C600HCSSS-BA-316	Bolt Assembly: 1/2”-13 X 6” Hex Head, 1 Nut, 2 Washers	$10.08
CTD-50C650HCS3TRSS-BA-316	Bolt Assembly: 1/2”-13 X 6 1/2” Hex Head, 1 Nut, 2 Washers	$10.08
CTD-50N600HBLSS-BA-316	1/2” X 6” Hex Lag S.S.	$10.66
CTD-50C850HCSSS-BA-316	1/2”-13 X 8 1/2” Hex Bolt S.S.	$11.08
CTD-50CB50HCS3TRSS-BA-316	1/2”-13 X 8-1/2” Hex Bolt S.S. W/ 3’ Thread	$11.08
CTD-50C700HCS3TR316-BA-316	1/2”-13 X 7” Hex Bolt Thread M6	$11.34
CTD-50C450HCSSS-BA-316	Bolt Assembly: 1/2”-13 X 4 1/2” Hex Head, 1 Nut, 2 Washers	$11.98
CTD-50C500HCSTFLSS-BA-316	Bolt Assembly: 1/2-13 X 5” Hex Head, 1 Nut, 2 Washers	$11.98
CTD-50C550HCSSS-BA-316	Bolt Assembly: 1/2”-13 X 5 1/2” Hex Head, 1 Nut, 2 Washers	$11.98
CTD-50C900HCS3TRSS-BA-316	1 /2-1 3 X 9” Hex Bolt S.S. W/ 3” Thread	$12.10
CTD-50C700HCSSS-BA-316	Bolt Assembly: 1/2”-13 X 7” Hex Head, 1 Nut, 2 Washers	$12.22

COOLING TOWER DEPOT
The Depot of All Cooling Towers
www.coolingtowerdepot.com

Free! the industries only Online Cooling Tower Design Program With Pricing. Beat That. Free!

Copyright © 2007 Visit our web site at www.coolingtowerdepot.com for our full Terms and Conditions

Bolting Hardware



1/2" Hardware 316 S.S.



Part No.	Part Description	Price
CTD-50C700HCS3TRSS-BA-316	Bolt Assembly: 1/2”-13 X 7” Hex Head, 1 Nut, 2 Washers	$12.72
CTD-50C750HCS3TRSS-BA-316	Bolt Assembly: 1/2”-13 X 7-1/2” Hex Head, 1 Nut, 2 Washers	$12.72
CTD-50C400HCSSS-BA-316	Bolt Assembly: 1/2”-13 X 4” Hex Head, 1 Nut, 2 Washers	$12.98
CTD-50C800HCS3TRSS-BA-316	Bolt Assembly: 1/2”-13 X 8” Hex Head, 1 Nut, 2 Washers	$13.48
CTD-50C850HCS3TR316-BA-316	1/2”-13 X 8 1/2” Hex Bolt W/3” Thread	$14.50
CTD-50C900HCSSS-BA-316	1/2”-13 X 9” Hex Bolt S.S.	$15.12
CTD-SOC950HCSSS-BA-316	1/2”-13 X 9 112” Hex Bolt S.S.W/3” Thread 318	$15.50
CTD-50C650HCS3TRSS-BA-316	Bolt Assembly: 1/2”-13 X 6 1/2” Hex Head, 1 Nut, 2 Washers	$16.26
CTD-50C800HCS3TR316-BA-316	Bolt Assembly: 1/2-13 X 8” Hex Head, 1 Nut, 2 Washers	$16.76
CTD-50C950HCSSS-BA-316	1/2”-13 X 9 1/2” Hex Bolt S.S.	$17.14
CTD-50C100HCS3TRSS-BA-316	1/2”-13 X 10” Hex Bolt S.S.	$18.14
CTD-50C800HCSSS-BA-316	Bolt Assembly: 1/2”-13 X 8” Hex Head, 1 Nut, 2 Washers	$18.52
CTD-50C950HCS3TRSS-BA-316	1/2”-13 X 9-1/2” Hex Bolt S.S. W/ 3” Thread	$21.04
CTD-50C1050HCS3TRSS-BA-316	1/2”-13 X 10-1/2” Hex Bolt S.S.Wkp Thread	$21.80
CTD-50C1050HCSSS-BA-316	1/2”-13 X 10-1/2” Hex Bolt S.S.	$22.80
CTD-50C1100HCS3TRSS-BA-316	1/2”-13 X 11” Hex Bolt S.S.	$24.82
CTD-50C1150HCS3TRSS-BA-316	1/2”-13 X 11-1/2” Hex Bolt S.S. W/ 3” Thread	$25.84
CTD-50C1150HCSSS-BA-316	1/2”-13 X 11-1/2” Hex Bolt S.S.	$27.84
CTD-50C700AWGSS-BA-316	1/2”-13 X 7 Wedge Anchor S.S.	$29.60
CTD-50C1400STFLSS-BA-316	1/2”-13 X 14” Thread Full Length Stud S.S.	$29.74

Prices in this book are subject to change. For updated pricing, please call us at (877)-243-3945 or visit us online at www.coolingtowerdepot.com

Copyright © 2007 Visit our web site at www.coolingtowerdepot.com for our full Terms and Conditions

Bolting Hardware



1/2" Hardware 316 S.S.



Part No.	Part Description	Price
CTD-50C1200HCS3TRSS-BA-316	1/2”-13 X 12” Hex Bolt S.S.	$29.86
CTD-50C3600ATRSS-BA-316	1/2”-13 X 36” All Thread Rod S.S.	$30.24
CTD-50-13DIANC-BA-316	1/2”-13 Drop In Anchors	$32.38
CTD-50C1400HC56TRSS-BA-316	1/2”-13 X 14” Hex Bolt S.S. W/ 6” Thread	$32.76
CTD-50C750BCSS-BA-316	1/2”-13 X 7-1/2” Carrage Bolt S.S.	$41.96
CTD-50C1600HCS6TRSS-BA-316	1/2”-13 X 16” Hex Bolt S.S. W/ 6” Thread	$42.96
CTD-50C7200ATRSS-BA-316	1/2”-13 X 6’ All Thread Rod S.S.	$60.48
CTD-50C3500LRSS-BA-316	1/2”-13 X 35” Louver Rod S.S.	$71.44
CTD-50C3475LOUVER-BA-316	1/2”-13 X 34 3/4” Louver Rod S.S.	$84.04
CTD-50C3100LOUVER-BA-316	1/2”-13 X 31” Louver Rod S.S.	$97.40
CTD-BA-316-4	Bolt Assembly: 1/2” X 4” Hex Head, 1 Nut, 2 Washers	$130.50 / 25 pcs.
CTD-BA-316-5	Bolt Assembly: 1/2” X 5” Hex Head, 1 Nut, 2 Washers	$148.80 / 25 pcs.
CTD-BA-316-6	Bolt Assembly: 1/2” X 6” Hex Head, 1 Nut, 2 Washers	$231.00 /25pcs
CTD-BA-316-7.5	Bolt Assembly: 1/2” X 7 1/2” Hex Head, 1 Nut, 2 Washers	$241.50 /25 pcs.

COOLING TOWER DEPOT
The Depot of All Cooling Towers
www.coolingtowerdepot.com
Free! the industries only Online Cooling Tower Design Program With Pricing. Beat That. Free!

Copyright © 2007 Visit our web site at www.coolingtowerdepot.com for our full Terms and Conditions

Bolting Hardware



3/4" Hardware 316 S.S.



Part No.	Part Description	Price
CTD-75NFWSS-BA-316	3/4” Flat Washer S.S.	$1.26
CTD-75NFW20DSS-BA-316	3/4” Flat Washer 2” Od S.S.	$2.02
CTD-75NFW316-BA-316	3/4”Flat Washer S.S. 316	$2.52
CTD-75CNFHSS-BA-316	3/4”-10” Hex Finish Nut S.S.	$3.40
CTD-75C150HCSTFLSS-BA-316	3/4”-10 X 1 1/2”Hex Bolt S.S. Thread Full Length	$7.68
CTD-75C250HCSSS-BA-316	3/4”-10 X 2 1/2” Hex Bolt S.S.	$8.18
CTD-75C200HCSTFLSS-BA-316	3/4”-10 X 2” Hex Bolt S.S. Thread Full Length	$8.44
CTD-75C200HCSSS-BA-316	3/4”-10 X 2” Hex Bolt S.S.	$10.84
CTD-75C250HCSTFLSS-BA-316	3/4”-10 X 2 1/2”Hex Bolt S.S. Thread Full Length	$11.72
CTD-75C300HCSSS-BA-316	3/4”-10 X 3” Hex Bolt S.S.	$12.10
CTD-75C500HCSSS-BA-316	3/4”-10 X 5” Hex Bolt S.S.	$14.74
CTD-75C550HCSSS-BA-316	3/4”-10 X 5 1/2” Hex Bolt S.S.	$16.50
CTD-75CNNES-BA-316	3/4”-10 Nylon Insert Lock Nut S.S.	$16.50
CTD-75C350HCSSS-BA-316	3/4”-10 X 3 1/2” Hex Bolt S.S.	$17.14
CTD-75C475HCSSS-BA-316	3/4”- 10 X 4 3/4” Hex Bolt S.S.	$18.78
CTD-75C40DHCSSS-BA-316	3/4”-10 X 4” Hex Bolt S.S.	$21.68
CTD-75C450HCSSS-BA-316	3/4”-10 X 4 1/2” Hex Bolt S.S.	$21.80
CTD-75C600HCSSS-BA-316	3/4”-10 X 6” Hex Bolt S.S.	$23.18
CTD-75C700HCSSS-BA-316	3/4”- 10 X 7” Hex Bolt S.S.	$26.20
CTD-75C850HCSSS-BA-316	3/4”-10 X 8 1/2” Hex Bolt S.S.	$27.72

Prices in this book are subject to change. For updated pricing, please call us at (877)-243-3945 or visit us online at www.ctdepotinc.com.

Copyright © 2007 Visit our web site at www.coolingtowerdepot.com for our full Terms and Conditions



3/4" Hardware 316 S.S.



Part No.	Part Description	Price
CTD-75X750HCSSS-BA-316	3/4”-10 X 7 1/2” Hex Bolt S.S.	$29.10
CTD-75C800HCSSS-BA-316	3/4”-10 X 8” Hex Bolt S.S.	$29.60
CTD-75C900HCSSS-BA-316	3/4”-10 X 9” Hex Bolt S.S.	$30.62
CTD-75C400ATSSS-BA-316	3/4”-10 X 4 Stud Full Thread S.S.	$31.24
CTD-75C900STFLSS-BA-316	3/4”-10 X 9 Stud Full Thread S.S.	$33.64
CTD-75C1000HCSSS-BA-316	3/4”-10 X 10” Hex Bolt S.S.	$36.16
CTD-75C1200HCSSS-BA-316	3/4”-10 X 12” Hex Bolt S.S.	$49.90
CTD-75NMLWSS-BA-316	3/4” Lock Washer S.S.	$2.52
CTD-75C1050HCSSS-BA-316	3/4”-10 X 10 1/2” Hex Bolt S.S.	$92.36
CTD-75C1400STFLG-BA-316	3/4”-10 X 14 Stud Full Thread S.S.	$99.92
CTD-75C6ATRSS-BA-316	3/4”-10 X 6’ All Thread Rod S.S.	$165.44
CTD-75C12ATRSS-BA-316	3/4”-10 X 12’ All Thread Rod S.S.	$330.62

COOLING TOWER DEPOT
The Depot of All Cooling Towers
www.coolingtowerdepot.com
Free! the industries only Online Cooling Tower Design Program With Pricing. Beat That. Free!

Copyright © 2007 Visit our web site at www.coolingtowerdepot.com for our full Terms and Conditions

Bolting Hardware

Silicon Bronze Hardware





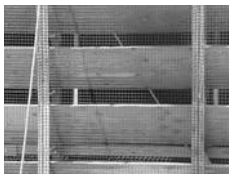
Part No.	Part Description	Price
CTD-BA-SIBR-1.75	Stack Bolt Assembly: 3/8" X 1 3/4" Hex head, 1 nylock nut, 2 washers 25 pieces per	$97.92
CTD-BA-SIBR-4	Bolt Assembly: 1/2" X 4" Hex head, 1 nut, 2 washers 25 pieces per	$99.82
CTD-BA-SIBR-5	Bolt Assembly: 1/2" X 5" Hex head, 1 nut, 2 washers 25 pieces per	$178.60
CTD-BA-SIBR-6	Bolt Assembly: 1/2" X 6" Hex head, 1 nut, 2 washers 25 pieces per	$256.72
CTD-BA-SIBR-7.5	Bolt Assembly: 1/2" X 7-1/2" Hex head, 1 nut, 2 washers 25 pieces per	$391.62

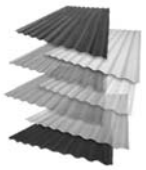
Prices in this book are subject to change. For updated pricing, please call us at (877)-243-3945 or visit us online at www.coolingtowerdepot.com

Copyright © 2007 Visit our web site at www.coolingtowerdepot.com for our full Terms and Conditions

Cooling Tower Casing and Louvers

Louvers

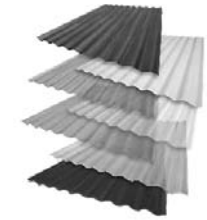





Part No.	Part Description	Price
CTD-22SD	2" X 2"x 4' Splash out diverter chamfer strip, plastic for diverting water splash out	**$9.00**
CTD-2449	2" x 4" pressure treated wood louver arm with 304ss rod assembly 49"	**$19.52**
CTD-CL100	PVC Cellular 1' x 6' x 2.5" inlet louver panel 1' x 6' panel	**$31.48**
CTD-ply34	3/4" thick pressure treated plywood 42" x 48" louver panel 42" x 48"	**$33.46**
CTD-42-12-L	4.2" x 1-1/16" 12 oz. Corrugated FRP Panel Louver panel 42" x 150"	**$58.01**
CTD-CV612	Case of polyurethane caulking 24 - 10.3 fl. oz. tubes per case	**$140.97**
CTD-PVC18	4.2" corr. x 1/8" thick PVC Panel 42" x 150"	**$223.93**

COOLING TOWER DEPOT
The Depot of All Cooling Towers
www.coolingtowerdepot.com
Free! the industries only Online Cooling Tower Design Program With Pricing. Beat That. Free!

Copyright © 2007 Visit our web site at www.coolingtowerdepot.com for our full Terms and Conditions

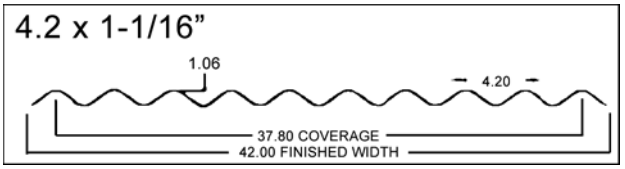


Cooling Tower Casing and Louvers

Casing







Part No.	Part Description	Price (ea)
CTD-CR	6" x 6" x 96" 8 oz. FRP Corner Roll	**$19.48**
CTD-CRFR	6" x 6" x 96" 12 oz. Fire Retardant FRP Corner Roll	**$28.75**
CTD-42-8	4.2" x 1-1/16" 8 oz. Corrugated FRP Panel 42" x 150"	**$40.05**
CTD-53-8	5.33" x 1-3/4" 8 oz. V-Beam FRP Panel 45" x 150"	**$42.92**
CTD-42-12-C	4.2" x 1-1/16" 12 oz. Corrugated FRP Panel 42" x 150"	**$58.01**
CTD-42FR-8	4.2" x 1-1/16" 8 oz. Fire Retardant Corrugated FRP Panel 42" x 150"	**$61.46**
CTD-53-12	CTD-53-12 5.33" x 1-3/4" 12 oz. V-Beam FRP Panel 45" x 150"	**$62.15**
CTD-53FR-8	5.33" x 1-3/4" 8 oz. Fire Retardant V-Beam FRP Panel 45" x 150"	**$65.85**
CTD-42FR-12	4.2" x 1-1/16" 12 oz. Fire Retardant Corrugated FRP Panel 42" x 150"	**$74.59**
CTD-53FR-12	5.33" x 1-3/4" 12 oz. Fire Retardant V-Beam FRP Panel 45" x 150"	**$79.90**
CTD-NCS4.2	Neoprene Closure Strip - 4.2 Corrugated 300 LF	**$125.46**
CTD-NCS5.33	Neoprene Closure Strip - 5.33 V-Beam 300 LF	**$125.46**



Louver Arm Supports

Part No.	Part Description	Price (pack)
CTD-PPLAM	Polypropylene louver arm support exact replacement with plastic pin pack of 24 pcs and 24 pins.	**$289.70**

Prices in this book are subject to change. For updated pricing, please call us at (877)-243-3945 or visit us online at www.coolingtowerdepot.com

Copyright © 2007 Visit our web site at www.coolingtowerdepot.com for our full Terms and Conditions

Sikaflex®-201US

One-Component Polyurethane Sealant

Sikaflex®-201 US is an all purpose, high quality, one-component, flexible polyurethane based, elastomeric sealant which cures to a tough, durable, elastic consistency with excellent cut and tear resistance. Excellent for applications requiring sealing exposed and concealed joints of concrete, aluminum, steel, coated metals, wood and composites. Meets AAMA 808.3; ASTM C-920, Type S, Grade NS, Class 25.



Product Benefits

- Capable of +/- 25% joint movement
- Provides shock resistance, vibration damping
- Paintable with water, oil and rubber-based paints
- Does not attack metal coatings
- Excellent adhesion - bonds to most construction materials without primers
- Certified to meet USDA/NSF standards for incidental food contact and potable water
- Application between 40°F (5°C) and 100°F (40°C)

Areas of Application

Sikaflex®-201 US is excellent for sealing between a wide variety of substrate materials such as wood, concrete, aluminum, glass, vinyl, steel, FRP, metals, ZINCALUME™, ZINCGRIP™ and aluminized steel for rivet seams, exposed/concealed joints, expansion joints, precast concrete joints and perimeter sealing.

Product Number:
CTD-CV612

COOLING TOWER DEPOT
The Depot of All Cooling Towers
www.coolingtowerdepot.com

Free! the industries only Online Cooling Tower Design Program With Pricing. Beat That. Free!

Copyright © 2007 Visit our web site at www.coolingtowerdepot.com for our full Terms and Conditions

Drift Eliminators



Blade Drift Eliminators

	Part No.	Part Description	Price (ea)
	**CTD-12026**	2' X 6' PVC Panel 25 mil blade thickness, 6' span, standard dirft rate	**$47.22**
	**CTD-8026**	2' X 6' PVC Panel 25 mil blade thickness, 6' span, low drift rate	**$67.09**
	**CTD-09726**	2' X 6' PVC Panel 25 mil blade thickness, 6' span, lower drift rate	**$81.87**
	**CTD-SPA34**	3' X 4' Panel Double wall blade thickness, white color, 6' span, type “A” panel standard drift rate	**$55.90**
	**CTD-SPA36**	3' X 6' Panel Double wall blade thickness, white color, 6' span, type “A” panel standard drift rate	**$74.08**
	**CTD-SPC34**	3' X 4' Panel Double wall blade thickness, white color, 6' span, type “C” panel standard drift rate	**$59.78**
	**CTD-SPC36**	3' X 6' Panel Double wall blade thickness, white color, 6' span, type “C” panel standard drift rate	**$79.02**
	**CTD-OPTI-WV**	3' X 6' Panel Double wall blade thickness, white color, 6' span standard drift rate	**$77.01**

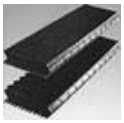
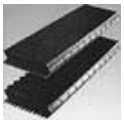
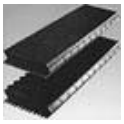
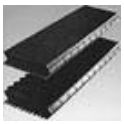
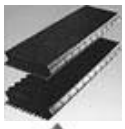
Prices in this book are subject to change. For updated pricing, please call us at (877)-243-3945 or visit us online at www.coolingtowerdepot.com

Copyright © 2007 Visit our web site at www.coolingtowerdepot.com for our full Terms and Conditions

Drift Eliminators

Cellular Drift Eliminators



	Part No.	Part Description	Price (ea)
	**CTD-1501515**	1' X 6' PVC Panel 15mil/15mil standard cellular panel, 6' span, standard drift rate nesting	**$24.91**
	**CTD-1501525**	1' X 6' PVC Panel 15mil/25mil stronger cellular panel, 6' span, standard drift rate nesting	**$30.46**
	**CTD-801015**	1' X 6' PVC Panel 10/15mil standard cellular panel, 6' span, lower drift rate	**$34.43**
	**CTD-801025**	1' X 6' PVC Panel 10/25mil stronger cellular panel, 6' span, lower drift rate	**$42.87**
	**CTD-801515**	1' X 6' PVC Panel 15/15mil stronger cellular panel, 6' span, lower drift rate	**$38.38**
	**CTD-OPTIDE1515**	1' X 6' PVC Panel 15mil/15mil standard cellular panel, 6' span, standard drift rate nesting	**$28.44**
	**CTD-1.5**	1' X 6' PVC Panel 10/25mil stronger cellular panel, 6' span, standard drift rate, 3' support required	**$23.89**
	**CTD-1.5W**	1' X 6' PVC Panel 10/25mil stronger cellular panel, 6' span, standard drift rate, 4' support required, extra stiffeners	**$31.20**
	**CTD-F610**	1' X 6' PVC Panelx 5.25” depth 10/25mil stronger cellular panel, 6' span, standard drift rate, 2' support required	**$27.07**

COOLING TOWER DEPOT
The Depot of All Cooling Towers
www.coolingtowerdepot.com

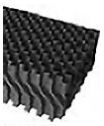


Copyright © 2007 Visit our web site at www.coolingtowerdepot.com for our full Terms and Conditions

Drift Eliminators

Cellular Drift Eliminators



	Part No.	Part Description	Price (ea)
	**CTD-F615**	1’ X 6’ PVC Panel x 5.25” depth 15/25mil stronger cellular panel span 6’ standard drift rate 3’ support required	**$30.20**
	**CTD-F810**	1’ X 6’ PVC Panel x 5.25” depth 10/25mil stronger cellular panel span 6’ standard drift rate 4’support required	**$28.54**
	**CTD-F815**	1’ X 6’ PVC Panel x 5.25” depth 15/25mil stronger cellular panel span 6’ standard drift rate 4’support required	**$32.21**
	**CTD-F1010**	1’ X 6’ PVC Panel x 5.25” depth 10/25mil stronger cellular panel span 6’ standard drift rate 60”’support required	**$30.44**
	**CTD-F1015**	1’ X 6’ PVC Panel 5.25” depth 15/25mil stronger cellular panel span 6’ standard drift rate 60”support required	**$33.98**
	**CTD-F1210**	1’ X 6’ PVC Panel x 5.25” depth 10/25mil stronger cellular panel span 6’ standard drift rate 72”’support required	**$33.87**
	**CTD-F1215**	1’ X 6’ PVC Panel x 5.25” depth 15/25mil stronger cellular panel span 6’ standard drift rate 72”support required	**$37.32**
	**CTD-F1710**	1’ X 6’ PVC Panel x 5.25” depth 10/25 mil stronger cellular panel, span 6’, standard drift rate 84”, support required for use in longer spans than 84”	**$39.98**
	**CTD-F1715**	1’ X 6’ PVC Panel x 5.25” depth 15/25mil stronger cellular panel span 6’ standard drift rate 84”’support required used for longer spans than 84”	**$43.36**

Prices in this book are subject to change. For updated pricing, please call us at (877)-243-3945 or visit us online at www.coolingtowerdepot.com

Copyright © 2007 Visit our web site at www.coolingtowerdepot.com for our full Terms and Conditions

Cooling Tower Driveshafts/Couplings



Rexnord Thomas SN Driveshafts



Cooling Tower Depot™ carries all Rexnord Thomas products and replacement parts including disc packs.

Call or email for pricing and delivery.

Reference Addax Driveshafts for comparative pricing.

Dana Formsprag Shafts



Cooling Tower Depot™ carries all T.B. Woods products and replacement parts.

Call or email for pricing and delivery.

Reference Addax Driveshafts for comparative pricing.

COOLING TOWER DEPOT
The Depot of All Cooling Towers
www.coolingtowerdepot.com

Free! the industries only Online Cooling Tower Design Program With Pricing. Beat That. Free!

Copyright © 2007 Visit our web site at www.coolingtowerdepot.com for our full Terms and Conditions

Cooling Tower Driveshafts/Couplings



Addax Drive Shafts



Part No.	Part Description	Price
CTD-LRF350.275	Driveshaft Assembly, 316 SS Hardware Max HP @ 2.0 sf 1800/1500 RPM: 50 / 42 Max DBSE (in.) 1800/1500 RPM: 95 / 106	$1,539.00
CTD-LRA350.275	Driveshaft Assembly, 316 SS Hardware Max HP @ 2.0 sf 1800/1500 RPM: 50 / 42 Max DBSE (in.) 1800/1500 RPM: 107 / 119	$1,741.50
CTD-LRR350.275	Driveshaft Assembly, 316 SS Hardware Max HP @ 2.0 sf 1800/1500 RPM: 50 / 42 Max DBSE (in.) 1800/1500 RPM: 114 / 126	$2,276.10
CTD-LRF375.275	Driveshaft Assembly, 316 SS Hardware Max HP @ 2.0 sf 1800/1500 RPM: 75 / 62 Max DBSE (in.) 1800/1500 RPM: 95 / 106	$1,814.40
CTD-LRA375.275	Driveshaft Assembly, 316 SS Hardware Max HP @ 2.0 sf 1800/1500 RPM: 75 / 62 Max DBSE (in.) 1800/1500 RPM: 107 / 119	$2,033.10
CTD-LRR375.275	Driveshaft Assembly, 316 SS Hardware Max HP @ 2.0 sf 1800/1500 RPM: 75 / 62 Max DBSE (in.) 1800/1500 RPM: 114 / 126	$2,421.90
CTD-LRF450.275	Driveshaft Assembly, 316 SS Hardware Max HP @ 2.0 sf 1800/1500 RPM: 100 / 85 Max DBSE (in.) 1800/1500 RPM: 95 / 106	$1,984.50
CTD-LRA450.275	Driveshaft Assembly, 316 SS Hardware Max HP @ 2.0 sf 1800/1500 RPM: 100 / 85 Max DBSE (in.) 1800/1500 RPM: 107 / 119	$2,259.90
CTD-LRR450.275	Driveshaft Assembly, 316 SS Hardware Max HP @ 2.0 sf 1800/1500 RPM: 100 / 85 Max DBSE (in.) 1800/1500 RPM: 114 / 126	$2,486.70
CTD-LRX450.275	Driveshaft Assembly, 316 SS Hardware Max HP @ 2.0 sf 1800/1500 RPM: 100 / 85 Max DBSE (in.) 1800/1500 RPM: 128 / 141	$2,592.00
CTD-LRF485.338	Driveshaft Assembly, 316 SS Hardware Max HP @ 2.0 sf 1800/1500 RPM: 150 / 129 Max DBSE (in.) 1800/1500 RPM: 100 / 113	$2,430.00
CTD-LRA485.338	Driveshaft Assembly, 316 SS Hardware Max HP @ 2.0 sf 1800/1500 RPM: 150 / 129 Max DBSE (in.) 1800/1500 RPM: 116 / 127	$2,563.65
CTD-LRR485.338	Driveshaft Assembly, 316 SS Hardware Max HP @ 2.0 sf 1800/1500 RPM: 150 / 129 Max DBSE (in.) 18001500 RPM: 127 / 140	$2,652.75
CTD-LRR485.425	Driveshaft Assembly, 316 SS Hardware Max HP @ 2.0 sf 1800/1500 RPM: 150 / 129 Max DBSE (in.) 1800/1500 RPM: 141 / 154	$2,859.30
CTD-LRX485.425	Driveshaft Assembly, 316 SS Hardware Max HP @ 2.0 sf 1800/1500 RPM: 150 / 129 Max DBSE (in.) 1800/1500 RPM: 154 / 169	$3,511.35
CTD-LRR485.625	Driveshaft Assembly, 316 SS Hardware Max HP @ 2.0 sf 1800/1500 RPM: 150 / 129 Max DBSE (in.) 1800/1500 RPM: 170 / 189	$3,896.10
CTD-LRA650.425	Driveshaft Assembly, 316 SS Hardware Max HP @ 2.0 sf 1800/1500 RPM: 250 / 213 Max DBSE (in.) 1800/1500 RPM: 133 / 148	$2,956.50
CTD-LRR650.425	Driveshaft Assembly, 316 SS Hardware Max HP @ 2.0 sf 1800/1500 RPM: 250 / 213 Max DBSE (in.) 1800/1500 RPM: 141 / 154	$3,159.00

Prices in this book are subject to change. For updated pricing, please call us at (877)-243-3945 or visit us online at www.coolingtowerdepot.com

Copyright © 2007 Visit our web site at www.coolingtowerdepot.com for our full Terms and Conditions

Cooling Tower Driveshafts/Couplings

Addax Drive Shafts





Part No.	Part Description	Price
CTD-LRX650.425	Driveshaft Assembly, 316 SS Hardware Max HP @ 2.0 sf 1800/1500 RPM: 250 / 213 Max DBSE (in.) 1800/1500 RPM: 154 / 169	**$4,155.30**
CTD-LRR650.625	Driveshaft Assembly, 316 SS Hardware Max HP @ 2.0 sf 1800/1500 RPM: 250 / 213 Max DBSE (in.) 1800/1500 RPM: 170 / 189	**$4,604.85**
CTD-LRX650.625	Driveshaft Assembly, 316 SS Hardware Max HP @ 2.0 sf 1800/1500 RPM: 250 / 213 Max DBSE (in.) 1800/1500 RPM: 186 / 208	**$6,346.35**
CTD-LRR650.825	Driveshaft Assembly, 316 SS Hardware Max HP @ 2.0 sf 1800/1500 RPM: 250 / 213 Max DBSE (in.) 1800/1500 RPM: 193 / 215	**$7,087.50**
CTD-LRX650.825	Driveshaft Assembly, 316 SS Hardware Max HP @ 2.0 sf 1800/1500 RPM: 250 / 213 Max DBSE (in.) 1800/1500 RPM: 209 / 232	**$7,776.00**
CTD-LRA850.625	Driveshaft Assembly, 316 SS Hardware Max HP @ 2.0 sf 1800/1500 RPM: 500 / 425 Max DBSE (in.) 1800/1500 RPM: 157 / 172	**$4,309.20**
CTD-LRR850.625	Driveshaft Assembly, 316 SS Hardware Max HP @ 2.0 sf 1800/1500 RPM: 500 / 425 Max DBSE (in.) 1800/1500 RPM: 170 / 189	**$4,766.89**
CTD-LRX850.625	Driveshaft Assembly, 316 SS Hardware Max HP @ 2.0 sf 1800/1500 RPM: 500 / 425 Max DBSE (in.) 1800/1500 RPM: 186 / 208	**$6,439.50**
CTD-LRR850.825	Driveshaft Assembly, 316 SS Hardware Max HP @ 2.0 sf 1800/1500 RPM: 500 / 425 Max DBSE (in.) 1800/1500 RPM: 193 / 215	**$7,281.90**
CTD-LRX850.825	Driveshaft Assembly, 316 SS Hardware Max HP @ 2.0 sf 1800/1500 RPM: 500 / 425 Max DBSE (in.) 1800/1500 RPM: 209 / 232	**$7,877.25**
CTD-LRX850.1025	Driveshaft Assembly, 316 SS Hardware Max HP @ 2.0 sf 1800/1500 RPM: 500 / 425 Max DBSE (in.) 1800/1500 RPM: 229 / 253	**$8,626.50**
CTD-LRX850.1275	Driveshaft Assembly, 316 SS Hardware Max HP @ 2.0 sf 1800/1500 RPM: 500 / 425 Max DBSE (in.) 1800/1500 RPM: 196 / 213	**$10,003.50**

COOLING TOWER DEPOT
The Depot of All Cooling Towers
www.coolingtowerdepot.com



Copyright © 2007 Visit our web site at www.coolingtowerdepot.com for our full Terms and Conditions



Addax Driveshafts
Available for IMMEDIATE Shipment



CTD-LRF350.275-S
Driveshaft Assembly, 316 SS Hardware
Max HP @ 2.0 sf 1800/1500 RPM: 50 / 42
Max DBSE (in.) 1800/1500 RPM: 95 / 106
• Technical Information
Brand New
$2,280.00
Add to Cart



CTD-LRA350.275-S
Driveshaft Assembly, 316 SS Hardware
Max HP @ 2.0 sf 1800/1500 RPM: 50 / 42
Max DBSE (in.) 1800/1500 RPM: 107 / 119
• Technical Information
Brand New
$2,580.00
Add to Cart



CTD-LRF375.275-S
Driveshaft Assembly, 316 SS Hardware
Max HP @ 2.0 sf 1800/1500 RPM: 75 / 62
Max DBSE (in.) 1800/1500 RPM: 95 / 106
• Technical Information
Brand New
$2,688.00
Add to Cart



CTD-LRF450.275-S
Driveshaft Assembly, 316 SS Hardware
Max HP @ 2.0 sf 1800/1500 RPM: 100 / 85
Max DBSE (in.) 1800/1500 RPM: 95 / 106
• Technical Information
Brand New
$2,940.00
Add to Cart



CTD-LRA375.275-S
Driveshaft Assembly, 316 SS Hardware
Max HP @ 2.0 sf 1800/1500 RPM: 75 / 62
Max DBSE (in.) 1800/1500 RPM: 107 / 119
• Technical Information
Brand New
$3,012.00
Add to Cart



CTD-LRA450.275-S
Driveshaft Assembly, 316 SS Hardware
Max HP @ 2.0 sf 1800/1500 RPM: 100 / 85
Max DBSE (in.) 1800/1500 RPM: 107 / 119
• Technical Information
Brand New
$3,348.00
Add to Cart



CTD-LRR350.275-S
Driveshaft Assembly, 316 SS Hardware
Max HP @ 2.0 sf 1800/1500 RPM: 50 / 42
Max DBSE (in.) 1800/1500 RPM: 114 / 126
• Technical Information
Brand New
$3,372.00
Add to Cart



CTD-LRR375.275-S
Driveshaft Assembly, 316 SS Hardware
Max HP @ 2.0 sf 1800/1500 RPM: 75 / 62
Max DBSE (in.) 1800/1500 RPM: 114 / 126
• Technical Information
Brand New
$3,588.00
Add to Cart



CTD-LRF485.338-S
Driveshaft Assembly, 316 SS Hardware
Max HP @ 2.0 sf 1800/1500 RPM: 150 / 129
Max DBSE (in.) 1800/1500 RPM: 100 / 113
• Technical Information
Brand New
$3,600.00
Add to Cart



CTD-LRR450.275-S
Driveshaft Assembly, 316 SS Hardware
Max HP @ 2.0 sf 1800/1500 RPM: 100 / 85
Max DBSE (in.) 1800/1500 RPM: 114 / 126
• Technical Information
Brand New
$3,684.00
Add to Cart



CTD-LRA485.338-S
Driveshaft Assembly, 316 SS Hardware
Max HP @ 2.0 sf 1800/1500 RPM: 150 / 129
Max DBSE (in.) 1800/1500 RPM: 116 / 127
• Technical Information
Brand New
$3,798.00
Add to Cart



CTD-LRX450.275-S
Driveshaft Assembly, 316 SS Hardware
Max HP @ 2.0 sf 1800/1500 RPM: 100 / 85
Max DBSE (in.) 1800/1500 RPM: 128 / 141
• Technical Information
Brand New
$3,840.00
Add to Cart



CTD-LRR485.338-S
Driveshaft Assembly, 316 SS Hardware
Max HP @ 2.0 sf 1800/1500 RPM: 150 / 129
Max DBSE (in.) 18001500 RPM: 127 / 140
• Technical Information
Brand New
$3,930.00
Add to Cart



CTD-LRR485.425-S
Driveshaft Assembly, Monel Hardware
Max HP @ 2.0 sf 1800/1500 RPM: 150 / 129
Max DBSE (in.) 1800/1500 RPM: 141 / 154
• Technical Information
Brand New
$4,236.00
Add to Cart



CTD-LRA650.425-S
Driveshaft Assembly, Monel Hardware
Max HP @ 2.0 sf 1800/1500 RPM: 250 / 213
Max DBSE (in.) 1800/1500 RPM: 133 / 148
• Technical Information
Brand New
$4,380.00
Add to Cart



CTD-LRR650.425-S
Driveshaft Assembly, Monel Hardware
Max HP @ 2.0 sf 1800/1500 RPM: 250 / 213
Max DBSE (in.) 1800/1500 RPM: 141 / 154
• Technical Information
Brand New
$4,680.00
Add to Cart



CTD-LRX485.425-S
Driveshaft Assembly, 316 SS Hardware
Max HP @ 2.0 sf 1800/1500 RPM: 150 / 129
Max DBSE (in.) 1800/1500 RPM: 154 / 169
• Technical Information
Brand New
$5,202.00
Add to Cart



CTD-LRR485.625-S
Driveshaft Assembly, Monel Hardware
Max HP @ 2.0 sf 1800/1500 RPM: 150 / 129
Max DBSE (in.) 1800/1500 RPM: 170 / 189
• Technical Information
Brand New
$5,772.00
Add to Cart

Prices in this book are subject to change. For updated pricing, please call us at (877)-243-3945 or visit us online at www.coolingtowerdepot.com

Copyright © 2007 Visit our web site at www.coolingtowerdepot.com for our full Terms and Conditions



Addax Driveshafts
Available for IMMEDIATE Shipment



CTD-LRF350.275-S
Driveshaft Assembly, 316 SS Hardware
Max HP @ 2.0 sf 1800/1500 RPM: 50 / 42
Max DBSE (in.) 1800/1500 RPM: 95 / 106
• Technical Information
Brand New
$2,280.00
Add to Cart



CTD-LRA350.275-S
Driveshaft Assembly, 316 SS Hardware
Max HP @ 2.0 sf 1800/1500 RPM: 50 / 42
Max DBSE (in.) 1800/1500 RPM: 107 / 119
• Technical Information
Brand New
$2,580.00
Add to Cart



CTD-LRF375.275-S
Driveshaft Assembly, 316 SS Hardware
Max HP @ 2.0 sf 1800/1500 RPM: 75 / 62
Max DBSE (in.) 1800/1500 RPM: 95 / 106
• Technical Information
Brand New
$2,688.00
Add to Cart



CTD-LRF450.275-S
Driveshaft Assembly, 316 SS Hardware
Max HP @ 2.0 sf 1800/1500 RPM: 100 / 85
Max DBSE (in.) 1800/1500 RPM: 95 / 106
• Technical Information
Brand New
$2,940.00
Add to Cart



CTD-LRA375.275-S
Driveshaft Assembly, 316 SS Hardware
Max HP @ 2.0 sf 1800/1500 RPM: 75 / 62
Max DBSE (in.) 1800/1500 RPM: 107 / 119
• Technical Information
Brand New
$3,012.00
Add to Cart



CTD-LRA450.275-S
Driveshaft Assembly, 316 SS Hardware
Max HP @ 2.0 sf 1800/1500 RPM: 100 / 85
Max DBSE (in.) 1800/1500 RPM: 107 / 119
• Technical Information
Brand New
$3,348.00
Add to Cart



CTD-LRR350.275-S
Driveshaft Assembly, 316 SS Hardware
Max HP @ 2.0 sf 1800/1500 RPM: 50 / 42
Max DBSE (in.) 1800/1500 RPM: 114 / 126
• Technical Information
Brand New
$3,372.00
Add to Cart



CTD-LRR375.275-S
Driveshaft Assembly, 316 SS Hardware
Max HP @ 2.0 sf 1800/1500 RPM: 75 / 62
Max DBSE (in.) 1800/1500 RPM: 114 / 126
• Technical Information
Brand New
$3,588.00
Add to Cart



CTD-LRF485.338-S
Driveshaft Assembly, 316 SS Hardware
Max HP @ 2.0 sf 1800/1500 RPM: 150 / 129
Max DBSE (in.) 1800/1500 RPM: 100 / 113
• Technical Information
Brand New
$3,600.00
Add to Cart



CTD-LRR850.825-S
Driveshaft Assembly, 316 SS Hardware
Max HP @ 2.0 sf 1800/1500 RPM: 500 / 425
Max DBSE (in.) 1800/1500 RPM: 193 / 215
• Technical Information
Brand New
$10,788.00
Add to Cart



CTD-LRX650.825-S
Driveshaft Assembly, 316 SS Hardware
Max HP @ 2.0 sf 1800/1500 RPM: 250 / 213
Max DBSE (in.) 1800/1500 RPM: 209 / 232
• Technical Information
Brand New
$11,520.00
Add to Cart



CTD-LRX850.825-S
Driveshaft Assembly, Monel Hardware
Max HP @ 2.0 sf 1800/1500 RPM: 500 / 425
Max DBSE (in.) 1800/1500 RPM: 209 / 232
• Technical Information
Brand New
$11,670.00
Add to Cart



CTD-LRX850.1025-S
Driveshaft Assembly, 316 SS Hardware
Max HP @ 2.0 sf 1800/1500 RPM: 500 / 425
Max DBSE (in.) 1800/1500 RPM: 229 / 253
• Technical Information
Brand New
$12,780.00
Add to Cart



CTD-LRX850.1275-S
Driveshaft Assembly, Monel Hardware
Max HP @ 2.0 sf 1800/1500 RPM: 500 / 425
Max DBSE (in.) 1800/1500 RPM: 196 / 213
• Technical Information
Brand New
$14,820.00
Add to Cart

COOLING TOWER DEPOT
The Depot of All Cooling Towers
www.coolingtowerdepot.com

Free! the industries only
Online Cooling Tower Design Program
With Pricing. Beat That.
Free!

Copyright © 2007 Visit our web site at www.coolingtowerdepot.com for our full Terms and Conditions



REXNORD® ADDAX® COMPOSITE COUPLINGS

HELPING COOLING TOWERS AND MAINTENANCE PERSONNEL KEEP THEIR COOL FOR MORE THAN 20 YEARS



In 1986, space age technology was introduced to the Cooling Tower Industry with the advent of the Addax® Composite Coupling. Being the first of its kind, the Addax® coupling was designed specifically for Cooling Tower applications. Since then, cooling tower coupling maintenance and corrosion problems have virtually been eliminated.

For moer than 80 years, Rexnord has been designing and manufacturing couplings for almost every industrial application imaginable. We understand your need for easy-to-maintain and reliable components and are pleased to offer the Rexnord® Addax® Composite Coupling to fit the bill. As the leader in the Cooling Tower Industry, Rexnord is committed to providing the absolute best quality and service available – anywhere. Check around the world, Addax® couplings deliver the best value for your Cooling Tower application.

Addax® Composite Couplings offer:

- Low Weight
- Excellent Corrosion Resistance
- High Misalignment Capacity
- Single Spans without intermediate support bearings
- No Fretting Corrosion
- Excellent Fatigue Life
- Shipments in days, not weeks – same day shipment is *always* available

Rexnord® Addax® Composite Couplings – recognized for twenty years as the industry leader and innovator.

Now *that's* cool!

Call 866-REXNORD or your Rexnord Account Executive today to find out more about Rexnord® Addax® Composite Couplings!

REXNORD

Rexnord and Addax are registered trademarks of Rexnord Industries, LLC.

www.rexnord.com 1-866-REXNORD

Prices in this book are subject to change. For updated pricing, please call us at (877)-243-3945 or visit us online at www.coolingtowerdepot.com

COOLING TOWER DEPOT
The Depot of All Cooling Towers
www.coolingtowerdepot.com

Copyright © 2007 Visit our web site at www.coolingtowerdepot.com for our full Terms and Conditions

Cooling Tower Driveshafts/Couplings

Addax Driveshaft Replacement Parts



Flex Elements

Part No.	Part Description	Price
CTD-450270-FE	450 Series Replacement Flex Elements	$257.60
CTD-575425-FE	575 Series Replacement Flex Elements	$446.00
CTD-650425-FE	650 Series Replacement Flex Elements	$473.60
CTD-850625-FE	850 Series Replacement Flex Elements	$516.80
CTD-PT40-FE	PT40 Series Replacement Flex Elements	$216.00
CTD-PT46-FE	PT46 Series Replacement Flex Elements	$257.60

Replacement Hardware Set

Part No.	Part Descripton	Price
CTD-450270-HS	450 Series Replacement Hardware Set, 316 SS	$198.40
CTD-450270-HSM	450 Series Replacement Hardware Set, Monel	$316.32
CTD-575425-HS	575 Series Replacement Hardware Set, 316 SS	$257.60
CTD-575425-HSM	575 Series Replacement Hardware Set, Monel	$431.20
CTD-650425-HS	650 Series Replacement Hardware Set, 316 SS	$249.98
CTD-650425-HSM	650 Series Replacement Hardware Set, Monel	$416.64
CTD-850625-HS	850 Series Replacement Hardware Set, 316 SS	$326.40
CTD-850625-HSM	850 Series Replacement Hardware Set, Monel	$542.40
CTD-PT40-HS	PT40 Series Replacement Hardware Set, 18-8 SS	$86.40
CTD-PT46-HS	PT46 Series Replacement Hardware Set, 316 SS	$164.00

Spacers

Part No.	Part Description	Price
CTD-LRF350.275-RS	Coupling Replacement Spacers Max DBSE (in.) 1800/1500 RPM: 95 / 106	$820.00
CTD-LRA350.275-RS	Coupling Replacement Spacers Max DBSE (in.) 1800/1500 RPM: 107 / 119	$1,016.00
CTD-LRR350.275-RS	Coupling Replacement Spacers Max DBSE (in.) 1800/1500 RPM: 114 / 126	$1,240.00
CTD-LRF375.275-RS	Coupling Replacement Spacers Max DBSE (in.) 1800/1500 RPM: 95 / 106	$1,008.00
CTD-LRA375.275-RS	Coupling Replacement Spacers Max DBSE (in.) 1800/1500 RPM: 107 / 119	$1,056.00
CTD-LRR375.275-RS	Coupling Replacement Spacers Max DBSE (in.) 1800/1500 RPM: 114 / 126	$1,272.00
CTD-LRF450.275-RS	Coupling Replacement Spacers Max DBSE (in.) 1800/1500 RPM: 95 / 106	$1,132.00
CTD-LRA450.275-RS	Coupling Replacement Spacers Max DBSE (in.) 1800/1500 RPM: 107 / 119	$1,200.00
CTD-LRR450.275-RS	Coupling Replacement Spacers Max DBSE (in.) 1800/1500 RPM: 114 / 126	$1,312.00
CTD-LRX450.275-RS	Coupling Replacement Spacers Max DBSE (in.) 1800/1500 RPM: 128 / 141	$1,944.00

Replacement Hubs

Part No.	Part Description	Price
CTD-450270-HUB	450 Series Replacement Hubs 316 SS	$525.85
CTD-450270-HUB-OS	450 Series Replacement Hubs 316 SS Oversize	$625.36
CTD-575425-HUB	575 Series Replacement Hubs 316 SS	$833.27
CTD-575425-HUB-OS	575 Series Replacement Hubs 316 SS Oversize	$941.68
CTD-650425-HUB	650 Series Replacement Hubs 316 SS	$833.27
CTD-650425-HUB-OS	650 Series Replacement Hubs 316 SS Oversize	$941.68
CTD-850625-HUB	850 Series Replacement Hubs 316 SS	$1,249.90
CTD-PT40-HUB	PT40 Series Replacement Hubs 316 SS	$316.32
CTD-PT46-HUB	PT46 Series Replacement Hubs 316 SS	$316.32
CTD-PT46-HUB-OS	PT46 Series Replacement Hubs 316 SS Oversize	$466.79

COOLING TOWER DEPOT
The Depot of All Cooling Towers
www.coolingtowerdepot.com

Free! the industries only Online Cooling Tower Design Program With Pricing. Beat That. Free!

Copyright © 2007 Visit our web site at www.coolingtowerdepot.com for our full Terms and Conditions



Addax Driveshaft Replacement Parts (cont.)

Spacers

Part No.	Part Description	Price
CTD-LRF485.338-RS	Coupling Replacement Spacers Max DBSE (in.) 1800/1500 RPM: 100 / 113	$1,232.00
CTD-LRA485.338-RS	Coupling Replacement Spacers Max DBSE (in.) 1800/1500 RPM: 116 / 127	$1,444.00
CTD-LRR485.338-RS	Coupling Replacement Spacers Max DBSE (in.) 1800/1500 RPM: 127 / 140	$1,680.00
CTD-LRR485.425-RS	Coupling Replacement Spacers Max DBSE (in.) 1800/1500 RPM: 141 / 154	$1,992.00
CTD-LRX485.425-RS	Coupling Replacement Spacers Max DBSE (in.) 1800/1500 RPM: 154 / 169	$2,640.00
CTD-LRR485.625-RS	Coupling Replacement Spacers Max DBSE (in.) 1800/1500 RPM: 170 / 189	$2,932.00
CTD-LRA650.425-RS	Coupling Replacement Spacers Max DBSE (in.) 1800/1500 RPM: 133 / 148	$1,728.00
CTD-LRR650.425-RS	Coupling Replacement Spacers Max DBSE (in.) 1800/1500 RPM: 141 / 154	$1,972.00
CTD-LRX650.425-RS	Coupling Replacement Spacers Max DBSE (in.) 1800/1500 RPM: 154 / 169	$2,620.00
CTD-LRR650.625-RS	Coupling Replacement Spacers Max DBSE (in.) 1800/1500 RPM: 170 / 189	$2,940.00
CTD-LRX650.625-RS	Coupling Replacement Spacers Max DBSE (in.) 1800/1500 RPM: 186 / 208	$4,076.00
CTD-LRR650.825-RS	Coupling Replacement Spacers Max DBSE (in.) 1800/1500 RPM: 193 / 215	$4,504.00
CTD-LRX650.825-RS	Coupling Replacement Spacers Max DBSE (in.) 1800/1500 RPM: 209 / 232	$5,484.00
CTD-LRA850.625-RS	Coupling Replacement Spacers Max DBSE (in.) 1800/1500 RPM: 157 / 172	$2,600.00
CTD-LRR850.625-RS	Coupling Replacement Spacers Max DBSE (in.) 1800/1500 RPM: 170 / 189	$3,116.00
CTD-LRX850.625-RS	Coupling Replacement Spacers Max DBSE (in.) 1800/1500 RPM: 186 / 208	$4,252.00
CTD-LRR850.825-RS	Coupling Replacement Spacers Max DBSE (in.) 1800/1500 RPM: 193 / 215	$4,140.00
CTD-LRX850.825-RS	Coupling Replacement Spacers Max DBSE (in.) 1800/1500 RPM: 209 / 232	$5,632.00
CTD-LRX850.1025-RS	Coupling Replacement Spacers Max DBSE (in.) 1800/1500 RPM: 229 / 253	$7,576.00
CTD-LRX850.1225-RS	Coupling Replacement Spacers Max DBSE (in.) 1800/1500 RPM: 245 / 275	$9,584.00

Replacement Hubs

Part No.	Part Description	Price
CTD-C850925-RS	Coupling Replacement Spacers Max DBSE (in.) 1775/1500 RPM: 208 / 225	$5,584.80
CTD-C8501125-RS	Coupling Replacement Spacers Max DBSE (in.) 1775/1500 RPM: 229 / 247	$6,108.80
CTD-C8501280-RS	Coupling Replacement Spacers Max DBSE (in.) 1775/1500 RPM: 244 / 263	$6,690.40

Backstop

Part No.	Part Description	Price
CTD-BS	Cooling Tower Driveshaft Backstop	$2,246.00

Prices in this book are subject to change. For updated pricing, please call us at (877)-243-3945 or visit us online at www.coolingtowerdepot.com

Copyright © 2007 Visit our web site at www.coolingtowerdepot.com for our full Terms and Conditions

Addax Driveshaft Engineering Data

General Dimensions

MODEL SERIES	Spacer & Flange Material	Max DBSE @ 1780 rpm @ 1.15 SF	Max DBSE @ 1480 rpm @ 1.15 SF	Max Bore		A	B		C		D	Min DBSE	Min Bore
				Standard	Oversized		Standard	Oversized	Standard	Oversized			
350.275	F A R	95 / 2413 107 / 2718 114 / 2896	106 / 2692 119 / 3023 126 / 3200	2.13 / 55	2.38 / 65	5.25 133	3.06 / 78	4 /102	1.81 / 46	2.6 / 66	2.75 / 70	5.4 137	0.63 16
375.275	F A R	95 / 2413 107 / 2718 114 / 2896	106 / 2692 119 / 3023 126 / 3200	2.13 / 55	2.38 / 65	5.25 133	3.06 / 78	4 /102	1.81 / 46	2.6 / 66	2.75 / 70	5.4 137	
450.275	F A R X	95 / 2413 107 / 2718 114 / 2896 128 / 3251	106 / 2692 119 / 3023 126 / 3200 141 / 3581	2.25 / 55	3.00 / 75	625 133	3.15 / 46	4 / 102	2.6 / 66	2.63 / 67	2.75 / 70	5.4 137	0.63 16
485.338	F A R	100 / 2540 116 / 2946 127 / 3226	113 / 2870 127 / 3226 140 / 3556	2.69 / 75	3.38 / 86	6.00 152	3.72 / 94	4.75 / 121	2.75 / 70	2.75 / 70	3.38 / 86	8.0 203	
485.425	R X	141 / 3581 154 / 3912	154 / 3912 169 / 4293								4.25 /108	8.0 203	
485.625	R	170 / 4318	189 / 4800								6.25 / 159	9.5 / 241	
650.425	A R X	133 / 3378 141 / 3581 154 / 3912	148 / 3759 154 / 3912 169 / 4293	3.13 / 80	4.01 / 100	6.75 171	5.25 / 133	6.75 / 171	2.56 / 65	2.75 / 70	4.25 / 108	6 152	1.00 25
650.625	R X	170 / 4318 186 / 4725	189 / 4800 208 / 5283								6.25/160	9.5 241	
650.825	R X	193 / 4902 209 / 5309	215 / 5461 232 / 5893								8.25/210		
850.625	A R X	157 / 3988 170 / 4318 186 / 4725	172 / 4369 189 / 4800 208 / 5283	4.13 / 105	5.06 / 130	9.0 229	5.8 / 147	7.5 / 191	3.31 / 84.1	3.5 / 89	6.25 / 160	142 361	
850.825	R X	193 / 4902 209 / 5309	215 / 5461 232 / 5893								8.25 / 210		
850.1025	X	229 / 5817	253 / 6426								10.25 / 260		
850.1275	X	245 / 6223	275 / 6985								12.75 / 324		
Units of Measure	US	in	in	in	in	in	in	in	in	in	in	in	in
	SI	mm	mm	mm	mm	mm	mm	mm	mm	mm	mm	mm	mm

Engineering Data

MODEL SERIES	Spacer & Flange Material	Weight @ Min DBSE	WR² @ Min DBSE ★	Weight Change per Length	WR² Change per Length ★	Continuous Torque @ 1.0 SF	Continuous Torque @ 2..0 SF	Peak Overload Torque
350.275	F A R	13.8 / 6.2	32 / 0.0093	0.07 / 1.5 0.06 / 1.2 0.06 / 1.1	0.13 / 0.0015 0.11 / 0.0013 0.10 / 0.0012	3617 408	1,808 204	5,425 613
375.275	F A R	13.8 / 6.2	32 / 0.0093	0.07 / 1.5 0.06 / 1.2 0.06 / 1.1	0.13 / 0.0015 0.11 / 0.0013 0.10 / 0.0012	5311 600	2,660 300	7,967 900
450.275	F A R X	12.9 / 5.9	32 / 0.0092	0.07 / 1.5 0.06 / 1.2 0.06 / 1.1 0.06 / 1.2	0.13 / 0.0015 0.11 / 0.0013 0.10 / 0.0012 0.10 / 0.0012	7250.0 820	3,625 410	10,875 1229
485.338	F A R	23.4 / 10.6	47 / 0.014	0.09 / 1.8 0.08 / 1.5 0.07 / 1.4	0.24 / 0.0029 0.21 / 0.0024 0.19 / 0.22	11,030 1243	5,500 621	16,500 1864
485.425	R X	24.0 /10.9	74 / .022	0.09 / 1.7 0.09 / 1.8	0.38 / 0.0044 0.39 / 0.0045			
485.625	R	26.5 /12.0	92 / 0.027	0.13 / 2.6	1.2 / 0.015			
650.425	A R X	31.5 / 14.3	122 / 0.036	0.10 / 1.9 0.089 / 1.7 0.092 / 1.8	0.42 / 0.0049 0.38 / 0.0044 0.39 / 0.005	18,100 2045	9,050 1022	27,150 3067
650.625	R X	34.4 / 15.6	141 / 0.041	0.13 / 2.6 0.14 / 2.7	1.2 / 0.014 1.3 / 0.015			
650.825	R X	37.9 / 17.2	194 / 0.056	0.18 / 3.4 0.18 / 3.6	2.9 / 0.033 3.0 / 0.035			
850.625	A R X	63.6 / 28.8	440 / 0.130	0.15 / 2.9 0.13 / 2.6 0.14 / 2.7	1.4 / 0.016 1.2 / 0.014 1.3 / 0.015	36,200 4090	18,100 2045	54,300 6135
850.825	R X	68.5 / 31.0	512 / 0.15	0.18 / 3.4 0.18 / 3.6	2.9 / 0.033 3.0 / 0.035			
850.1025	X	74.8 / 33.9	657 / 0.19	0.23 / 4.4	5.8 / 0.067			
850.1275	X	78.4 / 35.6	768 / 0.22	0.28 / 5.5	11.3 / 0.13			
Units of Measure	US	lb	lb-in²	lb/in	lb-in²/in	in-lb	in-lb	in-lb
	SI	kg	kg-m²	kg/m	kg-m²/m	Nn	Nm	Nm

★ The standard weight and WR² values are at minimum DBSE and standard minimum bore for a complete assembly. To determine the total weight or inertia, subtract the minimum DBSE from the total DBSE required and multiply that value times the WT and/or WR² change per length then add that calculated WT or WR² to the minimum DBSE values. Values may vary slightly depending on the actual bore and key size.

COOLING TOWER DEPOT
The Depot of All Cooling Towers
www.coolingtowerdepot.com
Free! the industries only Online Cooling Tower Design Program With Pricing. Beat That. Free!

Copyright © 2007 Visit our web site at www.coolingtowerdepot.com for our full Terms and Conditions



Cooling Tower Driveshafts/Couplings

Amarillo Drive Shafts

Part No.	Part Description	Price
CTD-CF52-275M	Composite Driveshaft Assembly, 316 SS Hardware Max HP @ 2.0 sf 1800/1500 RPM: 51 / 43 Max DBSE (in.) 1800/1500 RPM: 77 / 84	$1,440.00
CTD-CF52-275L	Composite Driveshaft Assembly, 316 SS Hardware Max HP @ 2.0 sf 1800/1500 RPM: 51 / 43 Max DBSE (in.) 1800/1500 RPM: 94 / 103	$1,584.00
CTD-CF60-275M	Composite Driveshaft Assembly, 316 SS Hardware Max HP @ 2.0 sf 1800/1500 RPM: 90 / 75 Max DBSE (in.) 1800/1500 RPM: 77 / 84	$1,632.00
CTD-CF67-275M	Composite Driveshaft Assembly, 316 SS Hardware Max HP @ 2.0 sf 1800/1500 RPM: 106 / 88 Max DBSE (in.) 1800/1500 RPM: 77 / 84	$1,712.00
CTD-CF60-275L	Composite Driveshaft Assembly, 316 SS Hardware Max HP @ 2.0 sf 1800/1500 RPM: 90 / 75 Max DBSE (in.) 1800/1500 RPM: 94 / 103	$1,744.00
CTD-CF67-275L	Composite Driveshaft Assembly, 316 SS Hardware Max HP @ 2.0 sf 1800/1500 RPM: 106 / 88 Max DBSE (in.) 1800/1500 RPM: 94 / 103	$1,832.00
CTD-CF60-275X	Composite Driveshaft Assembly, 316 SS Hardware Max HP @ 2.0 sf 1800/1500 RPM: 90 / 75 Max DBSE (in.) 1800/1500 RPM: 106 / 116	$1,856.00
CTD-CF67-425L	Driveshaft Assembly, 316 SS Hardware Max HP @ 2.0 sf 1800/1500 RPM: 150 / 125 Max DBSE (in.) 1800/1500 RPM: 128 / 139	$2,280.00
CTD-CF67-275X	Composite Driveshaft Assembly, 316 SS Hardware Max HP @ 2.0 sf 1800/1500 RPM: 150 / 125 Max DBSE (in.) 1800/1500 RPM: 106 / 116	$2,200.00
CTD-CF60-425L	Composite Driveshaft Assembly, 316 SS Hardware Max HP @ 2.0 sf 1800/1500 RPM: 90 / 75 Max DBSE (in.) 1800/1500 RPM: 122 / 133	$2,232.00
CTD-CF67-425L	Composite Driveshaft Assembly, 316 SS Hardware Max HP @ 2.0 sf 1800/1500 RPM: 150 / 125 Max DBSE (in.) 1800/1500 RPM: 122 / 133	$2,280.00
CTD-CF60-425X	Composite Driveshaft Assembly, 316 SS Hardware Max HP @ 2.0 sf 1800/1500 RPM: 90 / 75 Max DBSE (in.) 1800/1500 RPM: 136 / 149	$2,392.00
CTD-CF67-425X	Composite Driveshaft Assembly, 316 SS Hardware Max HP @ 2.0 sf 1800/1500 RPM: 150 / 125 Max DBSE (in.) 1800/1500 RPM: 136 / 149	$2,464.00
CTD-CF73-425L	Composite Driveshaft Assembly, 316 SS Hardware Max HP @ 2.0 sf 1800/1500 RPM: 225 / 188 Max DBSE (in.) 1800/1500 RPM: 122 / 133	$2,536.00
CTD-CF73-425X	Composite Driveshaft Assembly, 316 SS Hardware Max HP @ 2.0 sf 1800/1500 RPM: 225 / 188 Max DBSE (in.) 1800/1500 RPM: 136 / 149	$2,720.00
CTD-CF67-600L	Composite Driveshaft Assembly, 316 SS Hardware Max HP @ 2.0 sf 1800/1500 RPM: 150 / 125 Max DBSE (in.) 1800/1500 RPM: 151 / 165	$3,024.00
CTD-CF67-600X	Composite Driveshaft Assembly, 316 SS Hardware Max HP @ 2.0 sf 1800/1500 RPM: 150 / 125 Max DBSE (in.) 1800/1500 RPM: 162 / 177	$3,344.00
CTD-CF83-425X	Composite Driveshaft Assembly, 316 SS Hardware Max HP @ 2.0 sf 1800/1500 RPM: 357 / 298 Max DBSE (in.) 1800/1500 RPM: 136 / 149	$3,648.00
CTD-CF73-600L	Composite Driveshaft Assembly, 316 SS Hardware Max HP @ 2.0 sf 1800/1500 RPM: 225 / 188 Max DBSE (in.) 1800/1500 RPM: 151 / 165	$3,736.00

Prices in this book are subject to change. For updated pricing, please call us at (877)-243-3945 or visit us online at www.coolingtowerdepot.com

Copyright © 2007 Visit our web site at www.coolingtowerdepot.com for our full Terms and Conditions

Amarillo Drive Shafts (cont.)





Part No.	Part Description	Price
CTD-CF83-600L	Composite Driveshaft Assembly, 316 SS Hardware Max HP @ 2.0 sf 1800/1500 RPM: 357 / 298 Max DBSE (in.) 1800/1500 RPM: 151 / 165	$3,808.00
CTD-CF73-600X	Composite Driveshaft Assembly, 316 SS Hardware Max HP @ 2.0 sf 1800/1500 RPM: 225 / 188 Max DBSE (in.) 1800/1500 RPM: 162 / 177	$4,016.00
CTD-CF83-600X	Composite Driveshaft Assembly, 316 SS Hardware Max HP @ 2.0 sf 1800/1500 RPM: 357 / 298 Max DBSE (in.) 1800/1500 RPM: 162 / 177	$4,088.00
CTD-CF73-800L	Composite Driveshaft Assembly, 316 SS Hardware Max HP @ 2.0 sf 1800/1500 RPM: 225 / 188 Max DBSE (in.) 1800/1500 RPM: 166 / 181	$5,248.00
CTD-CF83-800L	Composite Driveshaft Assembly, 316 SS Hardware Max HP @ 2.0 sf 1800/1500 RPM: 357 / 298 Max DBSE (in.) 1800/1500 RPM: 166 / 181	$5,328.00
CTD-CF73-800X	Composite Driveshaft Assembly, 316 SS Hardware Max HP @ 2.0 sf 1800/1500 RPM: 225 / 188 Max DBSE (in.) 1800/1500 RPM: 181 / 201	$5,632.00
CTD-CF83-800X	Composite Driveshaft Assembly, 316 SS Hardware Max HP @ 2.0 sf 1800/1500 RPM: 357 / 298 Max DBSE (in.) 1800/1500 RPM: 184 / 201	$5,712.00
CTD-CF73-950X	Composite Driveshaft Assembly, 316 SS Hardware Max HP @ 2.0 sf 1800/1500 RPM: 225 / 188 Max DBSE (in.) 1800/1500 RPM: 200 / 219	$6,680.00
CTD-CF83-950X	Composite Driveshaft Assembly, 316 SS Hardware Max HP @ 2.0 sf 1800/1500 RPM: 357 / 298 Max DBSE (in.) 1800/1500 RPM: 200 / 219	$6,768.00
CTD-CF83-1150X	Composite Driveshaft Assembly, 316 SS Hardware Max HP @ 2.0 sf 1800/1500 RPM: 357 / 298 Max DBSE (in.) 1800/1500 RPM: 220 / 242	$7,408.00

COOLING TOWER DEPOT
The Depot of All Cooling Towers
www.coolingtowerdepot.com
Free! the industries only Online Cooling Tower Design Program With Pricing. Beat That. Free!

Copyright © 2007 Visit our web site at www.coolingtowerdepot.com for our full Terms and Conditions

Driveshaft Selection Fact Sheet

Customer Information:

Quote/Job Number	Date:
Customer	Location:
DBSE	Quantity:
Phone Number	Email Address

DBSE: Distance Between Shaft Ends is defined as the length measured between the face of the gear box input shaft and the face of the motor shaft to within +/- 0.10 inches.

Motor Data:

Horsepower:
RPM:
NEMA Frame Size:
Motor Shaft Diameter:
Key Size:

Two Speed? Yes ☐ No ☐ Not Sure ☐ Low Speed _____ High Speed _____

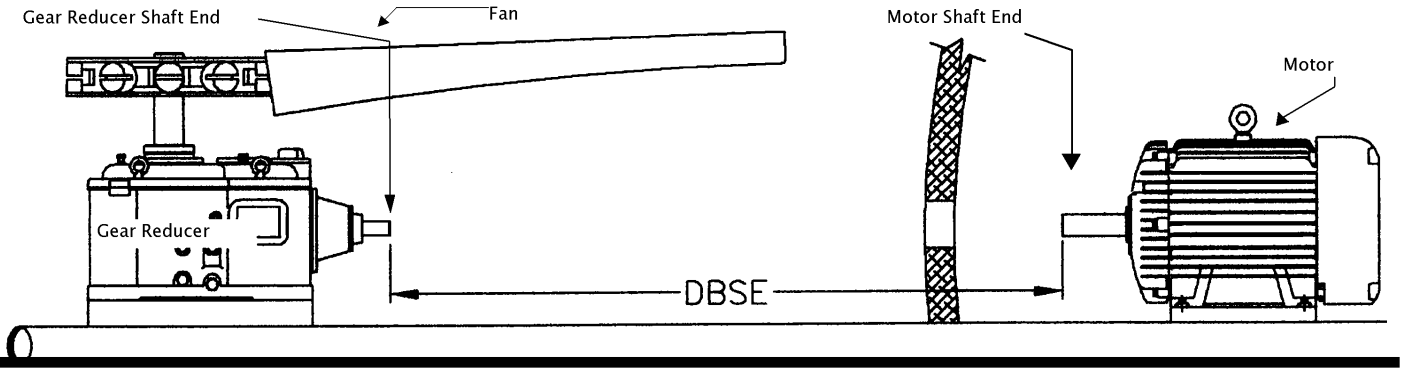
Variable Speed? Yes ☐ No ☐ Not Sure ☐ Min Speed _____ Max Speed _____

Gear Reducer Data:

Reducer Ratio:
Input Shaft Diameter:
Key Size

Fan Data:

Number of Blades:
Fan RPM:



Prices in this book are subject to change. For updated pricing, please call us at (877)-243-3945 or visit us online at www.coolingtowerdepot.com

COOLING TOWER DEPOT
The Depot of All Cooling Towers
www.coolingtowerdepot.com

Copyright © 2007 Visit our web site at www.coolingtowerdepot.com for our full Terms and Conditions

Cooling Tower Driveshafts/Couplings



Amarillo Engineering Data

TABLE I

Dimensional Data (All dimensions shown in inches (mm))									
Model #	# Bolts Per Flex Disc	Flex Disc Color	Flex Disc OD	Max Bore Standard Hub	Max Bore Large Hub	Minimum Bore	Dim "A"	Dim "B"	Dim "C"
CF60 275	6	Green	6.00 (152)	2.375 (60)	C. F.	0.938 (24)	2.75 (70)	6.38 (162)	2.44 (62)
CF60 425						0.938 (24)	4.25 (108)	6.38 (162)	2.44 (62)
CF67 275	6	Orange	6.75 (171)	3.000 (76)	C. F.	1.56 (40)	2.75 (70)	7.13 (181)	2.75 (70)
CF67 425						1.56 (40)	4.25 (108)	7.13 (181)	2.75 (70)
CF73 425	8	Blue	7.30 (185)	3.250 (83)	C. F.	1.81 (46)	4.25 (108)	7.67 (195)	2.75 (70)
CF73 600						1.81 (46)	6.0 (152)	7.67 (195)	2.75 (70)
CF73 800						1.81 (46)	8.0 (203)	7.67 (195)	2.75 (70)
CF73 950						1.81 (46)	9.5 (241)	7.67 (195)	2.75 (70)
CF83 425	8	Yellow	8.38 (213)	3.875 (98)	C. F.	2.06 (53)	4.25 (108)	8.75 (222)	3.13 (79)
CF83 600						2.06 (53)	6.0 (152)	8.75 (222)	3.13 (79)
CF83 800						2.06 (53)	8.0 (203)	8.75 (222)	3.13 (79)
CF83 950						2.06 (53)	9.5 (241)	8.75 (222)	3.13 (79)

C. F. - Contact Factory

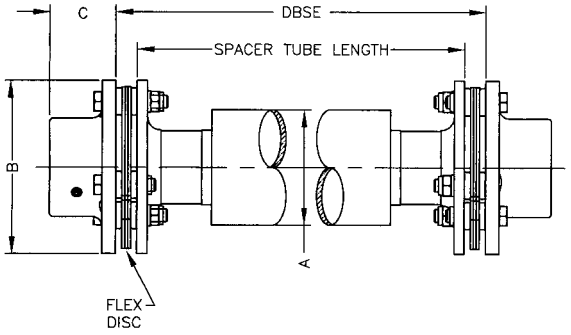


TABLE II

Engineering Data (All dimensions shown in inches (mm))									
Model #	# Bolts Per Flex Disc	Flex Disc Color	HP Rating @ 1800 rpm w/ 2.0 SF	Continuous Torque, 2.0 SF (in-lb)	Peak Overload Torque (in-lb)	Max DBSE @ 1800 rpm	Max DBSE @ 1500 rpm	Weight @ Minimum Bore and Max. DBSE @ 1800 (lb.)	Assembly WR^2 at Minimum Bore (lb-in^2 with DBSE in inches)
CF60 275	6	Green	90	3175	12700	113 (2870)	124 (3150)	32	90.0+0.101x(DBSE-11.5)
CF60 425			(67 kW)	(359 Nm)	(1435 Nm)	142 (3610)	155 (3940)	38	91.3+0.393x(DBSE-11.5)
CF67 275	6	Orange	150	5150	20600	113 (2870)	124 (3150)	41	160.8+0.101x(DBSE-11.8)
CF67 425			(112 kW)	(582 Nm)	(2328 Nm)	142 (3610)	155 (3940)	48	162.1+0.393x(DBSE-11.8)
CF73 425	8	Blue	225	7800	31200	142 (3610)	155 (3940)	52	219.3+0.393x(DBSE-12)
CF73 600			(168 kW)	(881 Nm)	(3526 Nm)	169 (4270)	185 (4700)	62	222.5+1.135x(DBSE-12)
CF73 800						195 (4950)	214 (5440)	74	229.3+2.733x(DBSE-12)
CF73 950						213 (5410)	233 (5920)	84	237.3+4.611x(DBSE-12)
CF83 425	8	Yellow	350	12500	50000	142 (3610)	155 (3940)	72	409.4+0.393x(DBSE-11.8)
CF83 600			(261 kW)	(1413 Nm)	(5650 Nm)	169 (4270)	185 (4700)	81	412.6+1.135x(DBSE-11.8)
CF83 800						195 (4950)	214 (5440)	93	419.4+2.733x(DSBE-11.8)
CF83 950						213 (5410)	233 (5920)	103	427.4+4.611x(DBSE-11.8)

TABLE III - STANDARD KEYWAYS-INCH BORE HUBS

Bore Size		Keyway	Bore Size		Keyway
Over	To		Over	To	
.875	1.250	1/4 x 1/8	2.25	2.750	5/8 x 5/16
1.250	1.375	5/16 x 5/32	2.75	3.250	3/4 x 3/8
1.375	1.750	3/8 x 3/16	3.25	3.750	7/8 x 7/16
1.750	2.250	1/2 x 1/4	3.75	4.500	1 x 1/2

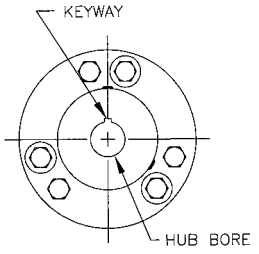
Listed keyways are for square keys. Contact factory for rectangular keyway dimensions.

TABLE IV - STANDARD KEYWAYS-METRIC BORE HUBS

Bore Size		Keyway	Bore Size		Keyway
Over	To		Over	To	
17	22	6 x 2.8	58	65	18 x 4.4
22	30	8 x 3.3	65	75	20 x 4.9
30	38	10 x 3.3	75	85	22 x 5.4
38	44	12 x 3.3	85	95	25 x 5.4
44	50	14 x 3.8	95	110	28 x 6.4
50	58	16 x 4.3	110	130	32 x 7.4

TABLE V - BORE TOLERANCES-CLASS 2 CLEARANCE FIT
(ref. AGMA 9002-A86)

Bore Size		Clearance Fit		
Over	To	Bore Tolerance		
.437	1.500	-0.000	to	+0.002
1.500	2.000	-0.000	to	+0.002
2.000	3.000	-0.000	to	+0.002
3.000	4.000	-0.000	to	+0.003
4.000	5.000	-0.000	to	+0.004



COOLING TOWER DEPOT
The Depot of All Cooling Towers
www.coolingtowerdepot.com
Free! the industries only Online Cooling Tower Design Program With Pricing. Beat That. Free!

Copyright © 2007 Visit our web site at www.coolingtowerdepot.com for our full Terms and Conditions



Fan Deck

Cooling Tower Fan Deck

Cooling Tower Fan Decks may be constructed of plywood, lumber or FRP. Please see our Plywood section on page 162, our Lumber section on page 127, or our FRP section on page 158 for details.



Fan Deck non-skid surfaces available. Prices starting at $52.60/square foot.



Fan Deck Overlay

	Part No.	Part Description	Price
	**CTD-FRP1/4D**	4' x 8' Sheet FRP Fan deck overlay with non-skid surface	**$148.21/sheet**
	**CTD-FCB1/4D**	4' x 8' Sheet of Fiber Cement Board Fan Deck Overlay	**$162.82/sheet**

Prices in this book are subject to change. For updated pricing, please call us at (877)-243-3945 or visit us online at www.coolingtowerdepot.com

Copyright © 2007 Visit our web site at www.coolingtowerdepot.com for our full Terms and Conditions

If you can't find or don't see the part you need, call me



Contact me direct for personalized service.

mcarrothers@ctdepotinc.com

(720)-746-1234

Mark Carrothers

Mark Carrothers

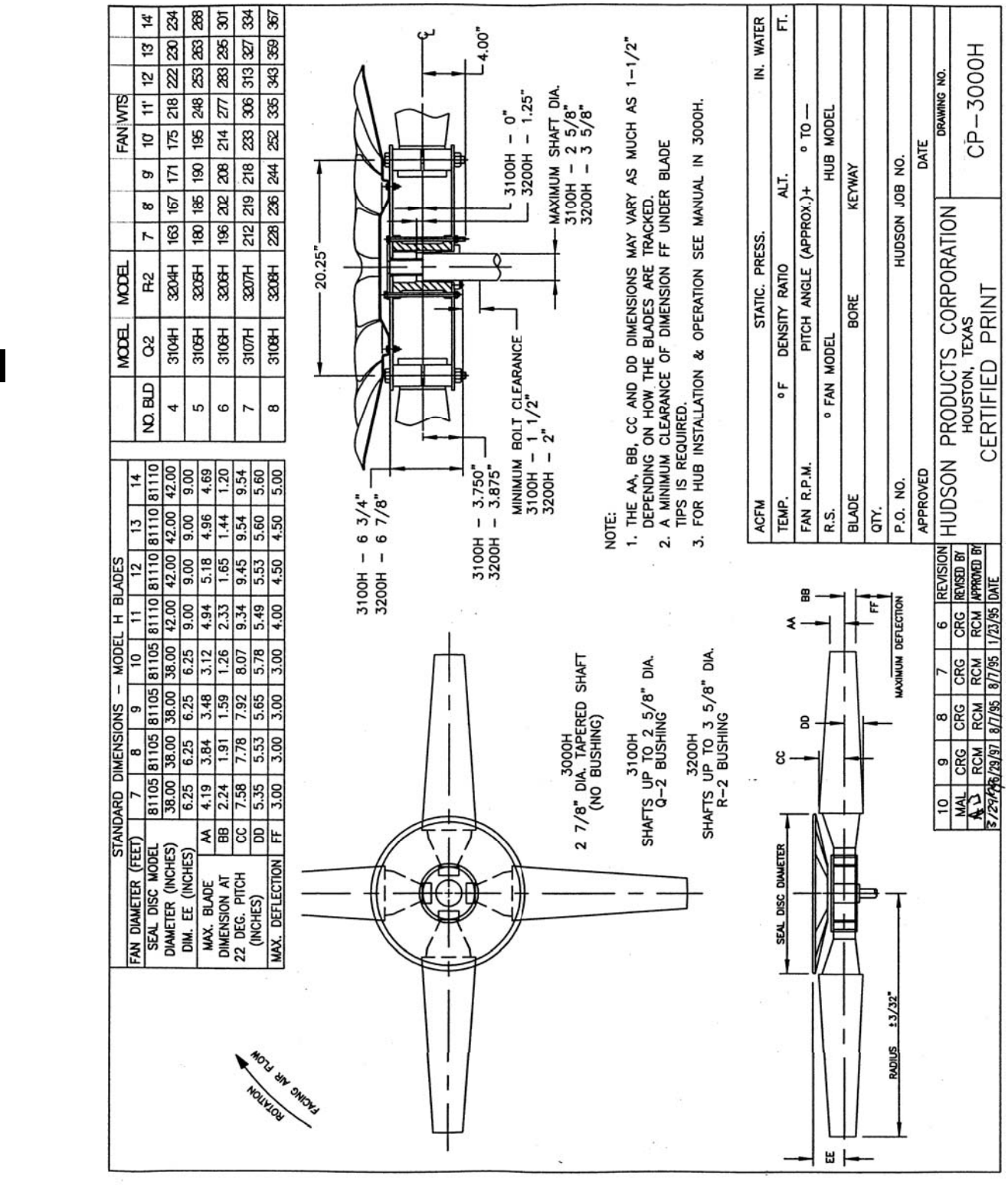
COOLING TOWER DEPOT
The Depot of All Cooling Towers
www.coolingtowerdepot.com

Free! the industries only Online Cooling Tower Design Program Free!
With Pricing. Beat That.

Copyright © 2007 Visit our web site at www.coolingtowerdepot.com for our full Terms and Conditions

Fans and Parts

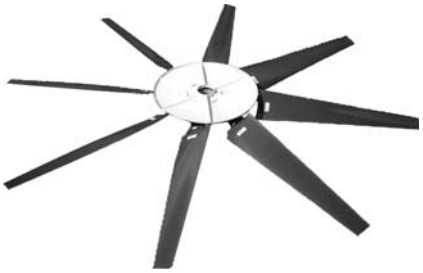
Hudson 3000 Series Fans



Prices in this book are subject to change. For updated pricing, please call us at (877)-243-3945 or visit us online at www.coolingtowerdepot.com

COOLING TOWER DEPOT
The Depot of All Cooling Towers
www.coolingtowerdepot.com

Copyright © 2007 Visit our web site at www.coolingtowerdepot.com for our full Terms and Conditions



Hudson 3000 Series Fans



Hudson Tuf-Lite II

Diameter	4 Blades	5 Blades	6 Blades	7 Blades	8 Blades
6’	APT-6H-4	APT-6H-5	APT-6H-6	APT-6H-7	APT-6H-8
	$1,485.00	**$1,764.00**	**$2,052.00**	**$2,439.00**	**$2,700.00**
7’	APT-7H-4	APT-7H-5	APT-7H-6	APT-7H-7	APT-7H-8
	$1,503.00	**$1,791.00**	**$2,070.00**	**$2,457.00**	**$2,727.00**
8’	APT-8H-4	APT-8H-5	APT-8H-6	APT-8H-7	APT-8H-8
	$1,638.00	**$1,845.00**	**$2,187.00**	**$2,511.00**	**$2,772.00**
9’	APT-9H-4	APT-9H-5	APT-9H-6	APT-9H-7	APT-9H-8
	$1,782.00	**$2,169.00**	**$2,583.00**	**$2,952.00**	**$3,285.00**
10’	APT-10H-4	APT-10H-5	APT-10H-6	APT-10H-7	APT-10H-8
	$1,971.00	**$2,394.00**	**$2,871.00**	**$3,276.00**	**$4,599.00**
11’	APT-11H-4	APT-11H-5	APT-11H-6	APT-11H-7	APT-11H-8
	$2,241.00	**$2,754.00**	**$3,312.00**	**$3,816.00**	**$4,275.00**
12’	APT-12H-4	APT-12H-5	APT-12H-6	APT-12H-7	APT-12H-8
	$2,601.00	**$3,060.00**	**$3,582.00**	**$4,095.00**	**$4,599.00**
13’	APT-13H-4	APT-13H-5	APT-13H-6	APT-13H-7	APT-13H-8
	$2,952.00	**$3,618.00**	**$4,257.00**	**$4,905.00**	**$5,499.00**
14’	APT-14H-4	APT-14H-5	APT-14H-6	APT-14H-7	APT-14H-8
	$3,069.00	**$3,681.00**	**$4,392.00**	**$4,986.00**	**$5,598.00**

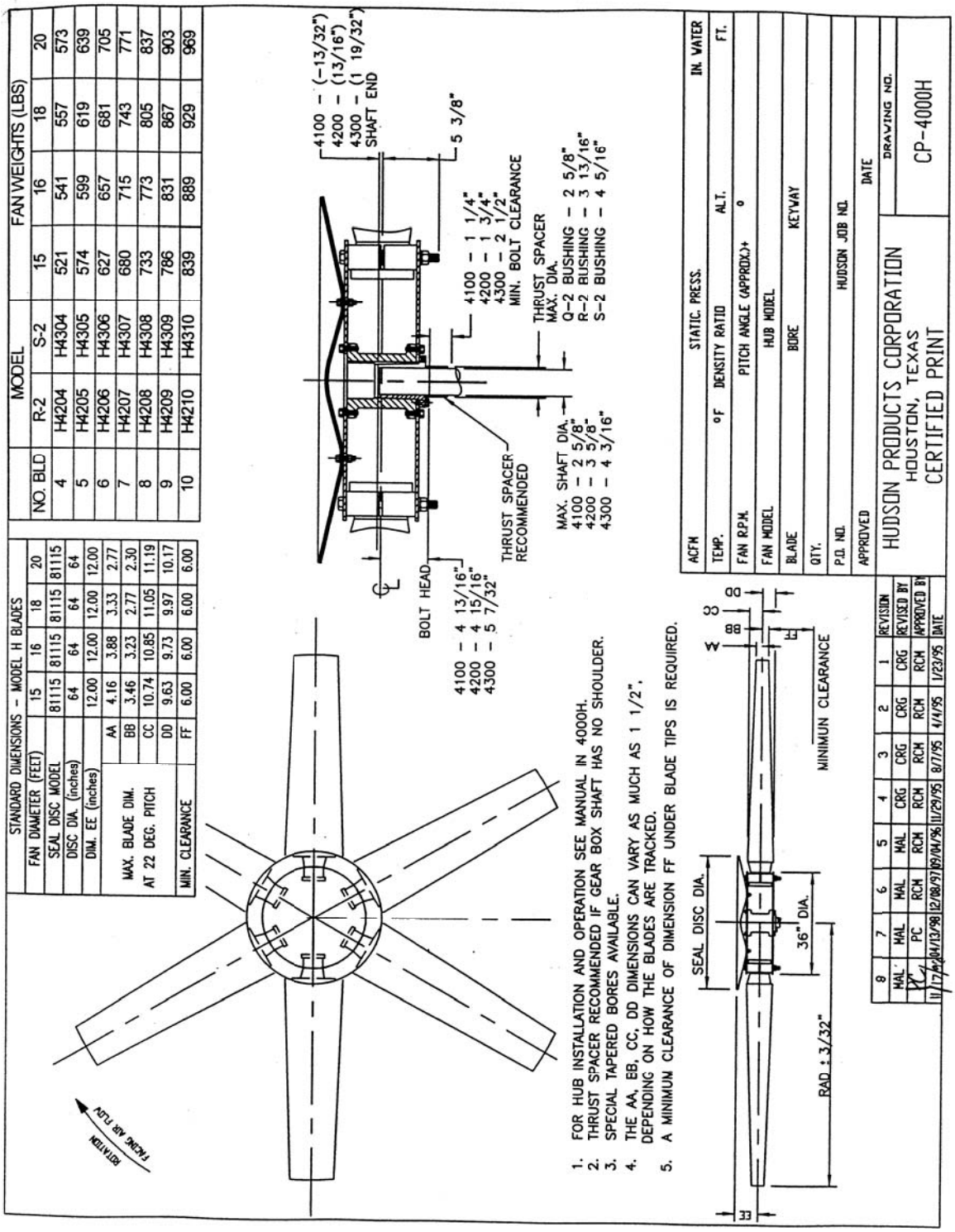
COOLING TOWER DEPOT
The Depot of All Cooling Towers
www.coolingtowerdepot.com

Free! the industries only Online Cooling Tower Design Program With Pricing. Beat That. Free!

Copyright © 2007 Visit our web site at www.coolingtowerdepot.com for our full Terms and Conditions

Fans and Parts

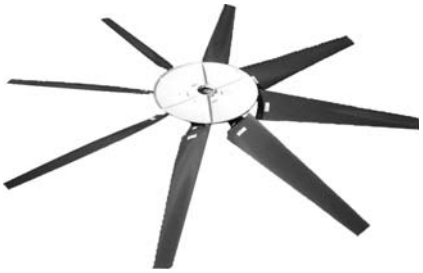
Hudson 4000 Series Fans



Prices in this book are subject to change. For updated pricing, please call us at (877)-243-3945 or visit us online at www.coolingtowerdepot.com

COOLING TOWER DEPOT
The Depot of All Cooling Towers
www.coolingtowerdepot.com

Copyright © 2007 Visit our web site at www.coolingtowerdepot.com for our full Terms and Conditions



Hudson 4000 Series Fans



Hudson Tuf-Lite II

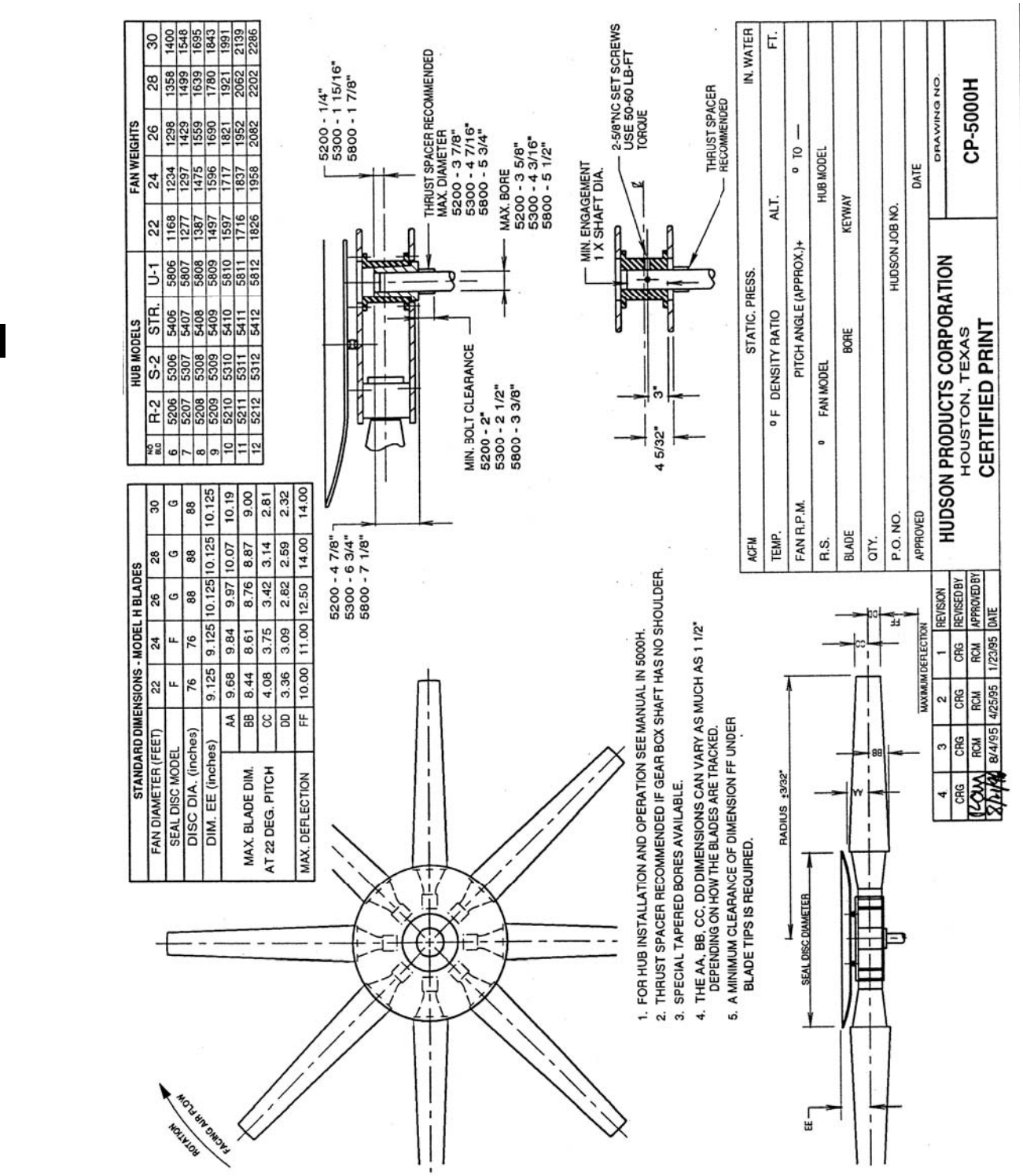
Diameter	4 Blades	5 Blades	6 Blades	7 Blades	8 Blades	9 Blades	10 Blades
15'	APT-15H-4	APT-15H-5	APT-15H-6	APT-15H-7	APT-15H-8	APT-15H-9	APT-15H-10
	$4,005.00	**$4,698.00**	**$5,382.00**	**$6,111.00**	**$6,831.00**	**$7,641.00**	**$8,379.00**
16'	APT-16H-4	APT-16H-5	APT-16H-6	APT-16H-7	APT-16H-8	APT-16H-9	APT-16H-10
	$4,077.00	**$4,815.00**	**$5,553.00**	**$6,327.00**	**$7,020.00**	**$7,803.00**	**$8,568.00**
18'	APT-18H-4	APT-18H-5	APT-18H-6	APT-18H-7	APT-18H-8	APT-18H-9	APT-18H-10
	$3,987.00	**$4,689.00**	**$5,589.00**	**$6,282.00**	**$7,893.00**	**$8,712.00**	**$9,639.00**
20'	APT-20H-4	APT-20H-5	APT-20H-6	APT-20H-7	APT-20H-8	APT-20H-9	APT-20H-10
	$4,572.00	**$5,391.00**	**$6,426.00**	**$7,263.00**	**$8,352.00**	**$9,297.00**	**$10,287.00**

COOLING TOWER DEPOT
The Depot of All Cooling Towers
www.coolingtowerdepot.com
Free! the industries only Online Cooling Tower Design Program With Pricing. Beat That. Free!

Copyright © 2007 Visit our web site at www.coolingtowerdepot.com for our full Terms and Conditions

Fans and Parts

Hudson 5000 Series Fans

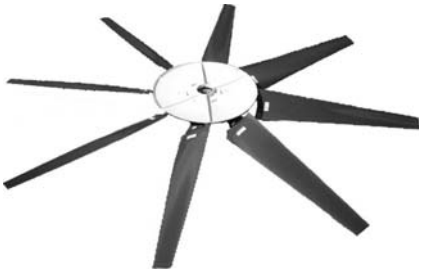


Prices in this book are subject to change. For updated pricing, please call us at (877)-243-3945 or visit us online at www.coolingtowerdepot.com

COOLING TOWER DEPOT
The Depot of All Cooling Towers
www.coolingtowerdepot.com

Copyright © 2007 Visit our web site at www.coolingtowerdepot.com for our full Terms and Conditions

Hudson 5000 Series Fans





Hudson Tuf-Lite II

Diameter	6 Blades	7 Blades	8 Blades	9 Blades	10 Blades	11 Blades	12 Blades	16 Blades	18 Blades
22’	APT-22H-6	APT-22H-7	APT-22H-8	APT-22H-9	APT-22H-10	APT-22H-11	APT-22H-12	N/A	N/A
	$8,046.00	$9,099.00	$10,305.00	$11,142.00	$12,528.00	$13,275.00	$14,301.00		
24’	APT-24H-6	APT-24H-7	APT-24H-8	APT-24H-9	APT-24H-10	APT-24H-11	APT-24H-12	APT-24H-16	APT-24H-18
	$8,622.00	$9,198.00	$11,052.00	$11,443.50	$13,473.00	$13,752.00	$15,660.00	$21,226.50	$23,139.00
26’	APT-26H-6	APT-26H-7	APT-26H-8	APT-26H-9	APT-26H-10	APT-26H-11	APT-26H-12	APT-26H-16	APT-26H-18
	$9,441.00	$10,147.50	$12,069.00	$12,676.50	$14,823.00	$15,138.00	$17,136.00	$22,113.00	$24,295.50
28’	APT-28H-6	APT-28H-7	APT-28H-8	APT-28H-9	APT-28H-10	APT-28H-11	APT-28H-12	APT-28H-16	APT-28H-18
	$10,458.00	$11,709.00	$13,482.00	$14,751.00	$16,389.00	$17,820.00	$19,197.00	$25,515.00	$28,242.00
30’	APT-30H-6	APT-30H-7	APT-30H-8	APT-30H-9	APT-30H-10	APT-30H-11	APT-30H-12	APT-30H-16	APT-30H-18
	$11,241.00	$16,065.00	$14,643.00	$16,029.00	$17,811.00	$19,377.00	$20,871.00	$28,611.00	$31,617.00

Hudson Tuf-Lite III



Diameter	6 Blades	7 Blades	8 Blades	9 Blades	10 Blades	11 Blades	12 Blades	16 Blades	18 Blades
22’	APT-22K-6	N/A	APT-22K-8	N/A	APT-22K-10	N/A	APT-22K-12	N/A	N/A
	$8,640.00		$11,025.00		$13,482.00		$15,363.00		
24’	APT-24K-6	N/A	APT-24K-8	N/A	APT-24K-10	N/A	APT-24K-12	N/A	N/A
	$9,234.00		$11,817.00		$14,391.00		$16,713.00		
26’	APT-26K-6	N/A	APT-26K-8	N/A	APT-26K-10	N/A	APT-26K-12	N/A	N/A
	$10,224.00		$13,122.00		$16,092.00		$18,702.00		
28’	APT-28K-6	APT-28K-7	APT-28K-8	APT-28K-9	APT-28K-10	APT-28K-11	APT-28K-12	APT-28K-16	APT-28K-18
	$11,241.00	$12,600.00	$14,517.00	$15,876.00	$17,658.00	$19,215.00	$20,520.00	$27,369.00	$30,285.00
30’	APT-30K-6	APT-30K-7	APT-30K-8	APT-30K-9	APT-30K-10	APT-30K-11	APT-30K-12	APT-30K-16	APT-30K-18
	$12,051.00	$13,617.00	$15,723.00	$17,217.00	$19,152.00	$20,835.00	$22,455.00	$30,681.00	$33,912.00

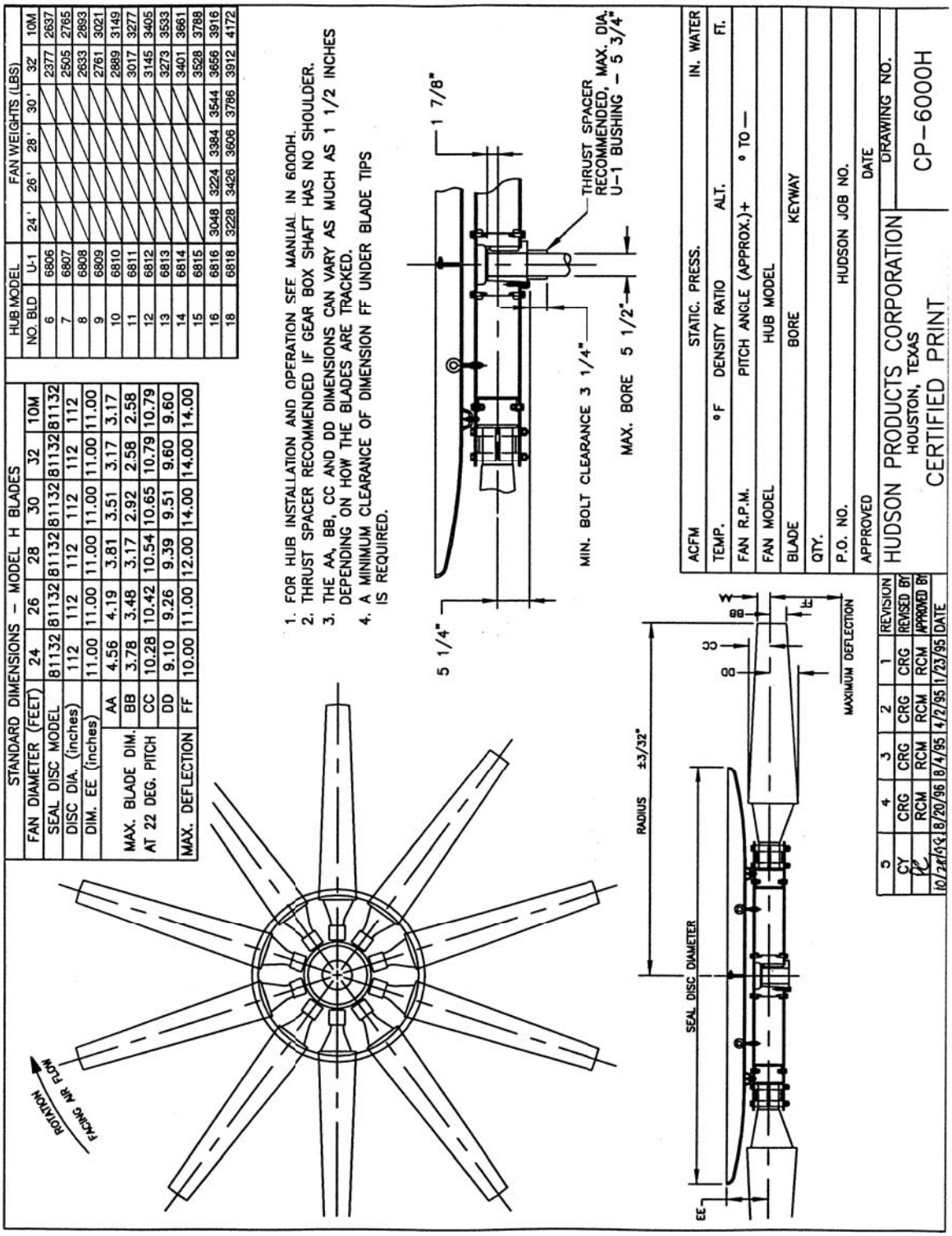
COOLING TOWER DEPOT
The Depot of All Cooling Towers
www.coolingtowerdepot.com

Free! the industries only Online Cooling Tower Design Program With Pricing. Beat That. Free!

Copyright © 2007 Visit our web site at www.coolingtowerdepot.com for our full Terms and Conditions

Fans and Parts

Hudson 6000 Series and 6000M Series Fans



STANDARD DIMENSIONS – MODEL H BLADES							
FAN DIAMETER (FEET)		24	26	28	30	32	10M
SEAL DISC MODEL		81132	81132	81132	81132	81132	81132
DISC DIA. (inches)		112	112	112	112	112	112
DIM. EE (inches)		11.00	11.00	11.00	11.00	11.00	11.00
MAX. BLADE DIM. AT 22 DEG. PITCH	AA	4.56	4.19	3.81	3.51	3.17	3.17
	BB	3.78	3.48	3.17	2.92	2.58	2.58
	CC	10.28	10.42	10.54	10.65	10.79	10.79
	DD	9.10	9.26	9.39	9.51	9.60	9.60
MAX. DEFLECTION	FF	10.00	11.00	12.00	14.00	14.00	14.00

HUB MODEL		FAN WEIGHTS (LBS)					
NO. BLD	U-1	24'	26'	28'	30'	32'	10M
6	6806	/	/	/	/	2377	2637
7	6807	/	/	/	/	2505	2785
8	6808	/	/	/	/	2633	2893
9	6809	/	/	/	/	2761	3021
10	6810	/	/	/	/	2889	3149
11	6811	/	/	/	/	3017	3277
12	6812	/	/	/	/	3145	3405
13	6813	/	/	/	/	3273	3533
14	6814	/	/	/	/	3401	3661
15	6815	/	/	/	/	3528	3788
16	6816	3048	3224	3384	3544	3656	3916
18	6818	3228	3426	3606	3786	3912	4172

1. FOR HUB INSTALLATION AND OPERATION SEE MANUAL IN 6000H.
2. THRUST SPACER RECOMMENDED IF GEAR BOX SHAFT HAS NO SHOULDER.
3. THE AA, BB, CC AND DD DIMENSIONS CAN VARY AS MUCH AS 1 1/2 INCHES DEPENDING ON HOW THE BLADES ARE TRACKED.
4. A MINIMUM CLEARANCE OF DIMENSION FF UNDER BLADE TIPS IS REQUIRED.

1 7/8"
THRUST SPACER RECOMMENDED, MAX. DIA. U-1 BUSHING – 5 3/4"
5 1/4"
MIN. BOLT CLEARANCE 3 1/4"
MAX. BORE 5 1/2"

ROTATION
FACING AIR FLOW

RADIUS ±3/32"
SEAL DISC DIAMETER
MAXIMUM DEFLECTION
AA
BB
CC
DD
EE
FF

5	4	3	2	1	REVISION
CY	CRG	CRG	CRG	CRG	REVISED BY
RC	RCM	RCM	RCM	RCM	APPROVED BY
10/24/96	8/20/96	8/4/95	4/2/95	1/23/95	DATE

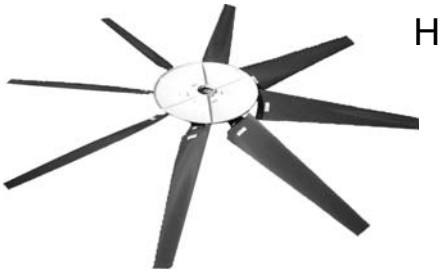
ACFM	STATIC. PRESS. IN. WATER
TEMP. °F	DENSITY RATIO ALT. FT.
FAN R.P.M.	PITCH ANGLE (APPROX.)+ ° TO —
FAN MODEL	HUB MODEL
BLADE	BORE KEYWAY
QTY.	
P.O. NO.	HUDSON JOB NO.
APPROVED	DATE

HUDSON PRODUCTS CORPORATION
HOUSTON, TEXAS
CERTIFIED PRINT
DRAWING NO.
CP–6000H

Prices in this book are subject to change. For updated pricing, please call us at (877)-243-3945 or visit us online at www.ctdepotinc.com.

COOLING TOWER DEPOT
The Depot of All Cooling Towers
www.coolingtowerdepot.com

Copyright © 2007 Visit our web site at www.coolingtowerdepot.com for our full Terms and Conditions



Hudson 6000 Series and 6000M Series Fans



Hudson Tuf-Lite II

Diameter	6 Blades	7 Blades	8 Blades	9 Blades	10 Blades	11 Blades
32’	APT-32H-6	APT-32H-7	APT-32H-8	APT-32H-9	APT-32H-10	APT-32H-11
	$14,112.00	$16,065.00	$18,000.00	$19,872.00	$22,365.00	$23,589.00

Diameter	12 Blades	13 Blades	14 Blades	15 Blades	16 Blades
32’	APT-32H-12	APT-32H-13	APT-32H-14	APT-32H-15	APT-32H-16
	$25,632.00	$27,261.00	$29,151.00	$30,798.00	$32,265.00

Diameter	6 Blades	7 Blades	8 Blades	9 Blades	10 Blades	11 Blades
32.8’	APT-32.8H-6	APT-32.8H-7	APT-32.8H-8	APT-32.8H-9	APT-32.8H-10	APT-32.8H-11
	$14,112.00	$16,065.00	$18,000.00	$19,872.00	$22,365.00	$23,589.00

Diameter	12 Blades	13 Blades	14 Blades	15 Blades	16 Blades
32.8’	APT-32.8H-12	APT-32.8H-13	APT-32.8H-14	APT-32.8H-15	APT-32.8H-16
	$25,641.00	$27,261.00	$29,151.00	$30,798.00	$32,265.00



Hudson Tuf-Lite III

Diameter	6 Blades	7 Blades	8 Blades	9 Blades	10 Blades
32’	APT-32K-6	APT-32K-7	APT-32K-8	APT-32K-9	APT-32K-10
	$15,138.00	$11,673.00	$13,122.00	$14,607.00	$23,904.00

Diameter	11 Blades	12 Blades	13 Blades	14 Blades	15 Blades	16 Blades
32’	APT-32K-11	APT-32K-12	APT-32K-13	APT-32K-14	APT-32K-15	APT-32K-16
	$25,380.00	$27,585.00	$29,295.00	$31,311.00	$33,057.00	$34,731.00

Diameter	6 Blades	7 Blades	8 Blades	9 Blades	10 Blades	11 Blades
32.8’	APT-32.8K-6	APT-32.8K-7	APT-32.8K-8	APT-32.8K-9	APT-32.8K-10	APT-32.8K-11
	$15,138.00	$17,217.00	$19,269.00	$21,231.00	$23,904.00	$25,380.00

Diameter	12 Blades	13 Blades	14 Blades	15 Blades	16 Blades
32.8’	APT-32.8K-12	APT-32.8K-13	APT-32.8K-14	APT-32.8K-15	APT-32.8K-16
	$27,585.00	$29,295.00	$31,311.00	$33,057.00	$34,731.00

COOLING TOWER DEPOT
The Depot of All Cooling Towers
www.coolingtowerdepot.com

Free! the industries only Online Cooling Tower Design Program With Pricing. Beat That. Free!

Copyright © 2007 Visit our web site at www.coolingtowerdepot.com for our full Terms and Conditions



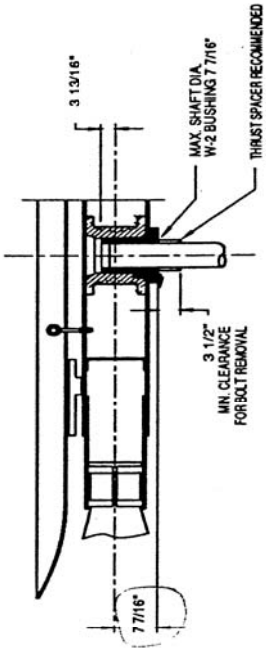
Fans and Parts

Hudson 8000 Series Fans

HUB MODELS	FAN WEIGHTS				
NO. W-2	34	36	38	40	
6	8906	4841	4907	4973	5039
7	8907	5174	5251	5328	5405
8	8908	5507	5595	5683	5771
9	8909	5839	5938	6037	6136
10	8910	6172	6282	6392	6502
11	8911	6505	6626	6747	6868
12	8912	6838	6970	7102	7234
13	8913	7170	7313	7456	7599
14	8914	7503	7657	7811	7965
15	8915	7836	8001	8166	8331
16	8916	8168	8344	8520	8696
17	8917	8501	8688	8875	9062
18	8918	8834	9032	9230	9428
19	8919	8900	9198	9496	9794
20	8920	9261	9561	9860	10160

STANDARD DIMENSIONS - MODEL H BLADES					
FAN DIAMETER (FEET)		34	36	38	40
SEAL DISC MODEL		K	K	K	K
DISC DIA. (inches)		160	160	160	160
DIM. EE (inches)		14.50	14.50	14.50	14.50
MAX. BLADE DIM. AT 22 DEG. PITCH	AA	10.11	10.21	10.32	10.44
	BB	8.64	8.75	8.85	8.98
	CC	5.06	4.84	4.62	4.40
	DD	4.17	4.00	3.81	3.63
MAX. DEFLECTION	FF	14.00	14.00	15.00	16.00

1. FOR HUB INSTALLATION AND OPERATION SEE MANUAL IN 8000H.
2. THRUST SPACER RECOMMENDED IF GEAR BOX SHAFT HAS NO SHOULDER.
3. SPECIAL TAPERED BORES AVAILABLE.
4. THE AA, BB, CC, DD DIMENSIONS CAN VARY AS MUCH AS 1 1/2" DEPENDING ON HOW THE BLADES ARE TRACKED.
5. A MINIMUM CLEARANCE OF DIMENSION FF UNDER BLADE TIPS IS REQUIRED.

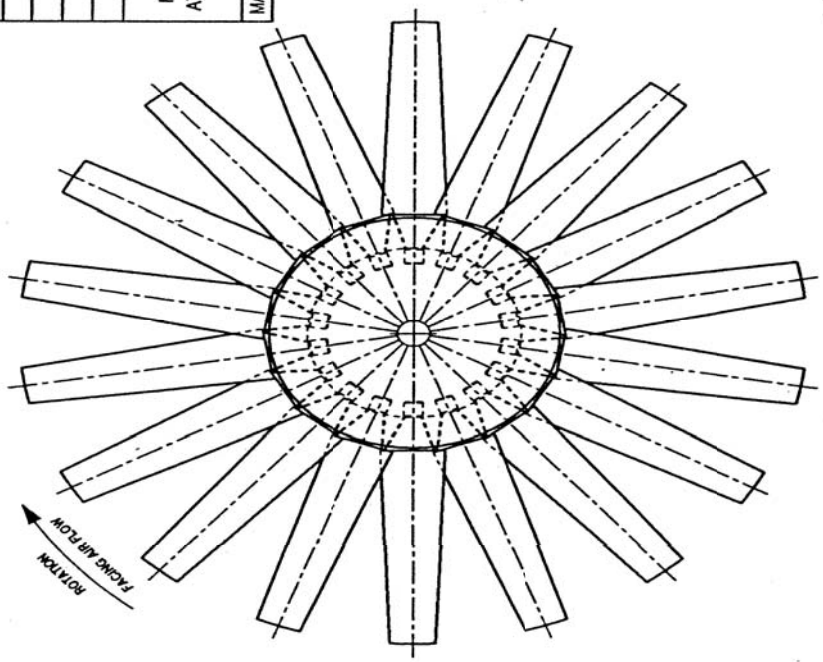


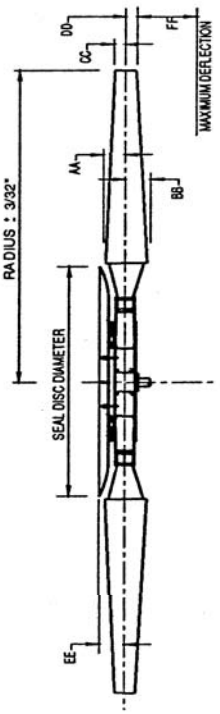
ACFM	STATIC. PRESS.		IN. WATER
TEMP.	°F DENSITY RATIO	ALT.	FT.
FAN R.P.M.	PITCH ANGLE (APPROX.)+	° TO —	
R.S.	° FAN MODEL	HUB MODEL	
BLADE	BORE	KEYWAY	
QTY.			
P.O. NO.	HUDSON JOB NO.		
APPROVED	DATE		

HUDSON PRODUCTS CORPORATION
HOUSTON, TEXAS
CERTIFIED PRINT

DRAWING NO. CP-8000H

3	2	1	REVISION
CRG	CRG	CRG	REVISED BY
RCM	RCM	RCM	APPROVED BY
	8/4/95	1/23/95	DATE

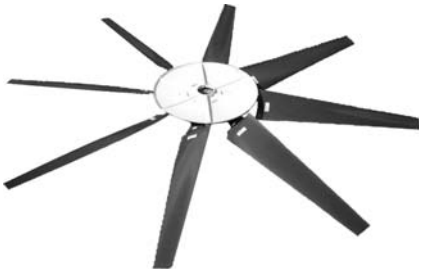




Prices in this book are subject to change. For updated pricing, please call us at (877)-243-3945 or visit us online at www.ctdepotinc.com.

COOLING TOWER DEPOT
The Depot of All Cooling Towers
www.coolingtowerdepot.com

Copyright © 2007 Visit our web site at www.coolingtowerdepot.com for our full Terms and Conditions



Hudson 8000 Series Fans



Hudson Tuf-Lite II

Diameter	6 Blades	7 Blades	8 Blades	10 Blades	12 Blades	15 Blades	16 Blades	18 Blades
36'	APT-36H-6	N/A	APT-36H-8	APT-36H-10	APT-36H-12	APT-36H-15	APT-36H-16	APT-36H-18
	$25,983.00		**$32,017.50**	**$38,047.50**	**$44,086.50**	**$55,809.00**	**$58,968.00**	**$65,304.00**

Diameter	6 Blades	7 Blades	8 Blades	10 Blades	12 Blades	15 Blades	16 Blades	18 Blades
40'	APT-40H-6	APT-40H-7	APT-40H-8	APT-40H-10	APT-40H-12	APT-40H-15	APT-40H-16	APT-40H-18
	$28,701.00	**$32,121.00**	**$35,541.00**	**$42,417.00**	**$49,257.00**	**$59,535.00**	**$62,775.00**	**$69,822.00**

COOLING TOWER DEPOT
The Depot of All Cooling Towers
www.coolingtowerdepot.com
Free! the industries only Online Cooling Tower Design Program With Pricing. Beat That. Free!

Copyright © 2007 Visit our web site at www.coolingtowerdepot.com for our full Terms and Conditions



Cofimco Fans

Cooling Tower Depot™ handles all Cofimco Aluminum and FRP fans and replacement parts.

Call or email for pricing and delivery. Most products are stocked at Chesapeake, VA factory.

Please reference the Hudson Tuflite III for comparative pricing.

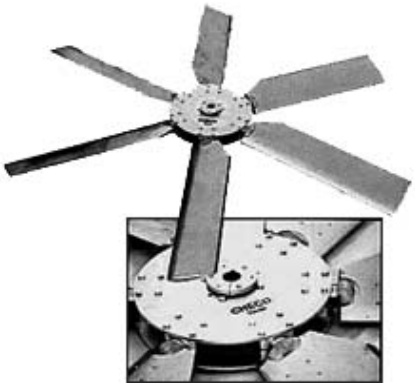


Aluminum Fans

Cooling Tower Depot™ carries Aluminum products and replacement parts.

Call or email for pricing and delivery.

Please reference the Hudson Tuflite III for comparative pricing.



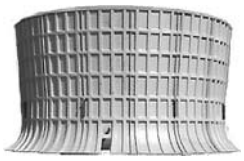
Prices in this book are subject to change. For updated pricing, please call us at (877)-243-3945 or visit us online at www.coolingtowerdepot.com

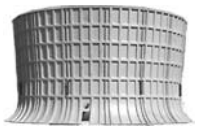
Copyright © 2007 Visit our web site at www.coolingtowerdepot.com for our full Terms and Conditions

Fan Stacks — FRP

Cooling Tower Fan Stacks







7' Diameter

	Height 3'	Height 3.5'	Height 4'
Fire Retardent	CTD-FR73	CTD-FR73.5	CTD-FR74
	$1,793.40	**$1,849.26**	**$1,906.10**
Standard	CTD-73	CTD-73.5	CTD-74
	$1,666.00	**$1,707.16**	**$1,748.32**

8' Diameter

	Height 3.5'	Height 6'
Fire Retardent	CTD-FR83.5	CTD-FR86
	$2,311.82	**$3,320.24**
Standard	CTD-83.5	CTD-86
	$2,133.46	**$2,856.70**

9' Diameter

	Height 2'	Height 3.5'	Height 6'	Height 7'
Fire Retardent	CTD-FR92	CTD-FR93.5	CTD-FR96	CTD-FR97
	$1,548.40	**$2,384.34**	**$3,424.12**	**$3,882.76**
Standard	CTD-92	CTD-93.5	CTD-96	CTD-97
	$1,384.74	**$2,200.10**	**$2,945.88**	**$3,572.10**

10' Diameter

	Height 2'	Height 3.5'	Height 6'	Height 8'	Height 10'
Fire Retardent	CTD-FR102	CTD-FR103.5	CTD-FR106	CTD-FR108	CTD-FR1010
	$1,595.44	**$2,456.86**	**$3,528.00**	**$4,464.88**	**$6,201.44**
Standard	CTD-102	CTD-103.5	CTD-106	CTD-108	CTD-1010
	$1,426.88	**$2,266.74**	**$3,035.06**	**$4,100.32**	**$5,397.84**

11' Diameter

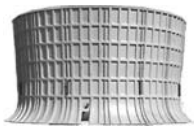
	Height 3'	Height 7'	Height 14'
Fire Retardent	CTD-FR3	CTD-FR7	CTD-FR14
	$2,690.10	**$4,517.80**	**$6,948.20**
Standard	CTD-3	CTD-7	CTD-14
	$2,499.00	**$4,156.18**	**$6,038.76**

COOLING TOWER DEPOT
The Depot of All Cooling Towers
www.coolingtowerdepot.com



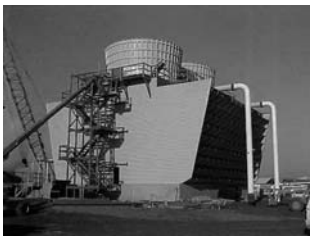
Copyright © 2007 Visit our web site at www.coolingtowerdepot.com for our full Terms and Conditions

Fan Stacks — FRP



Cooling Tower Fan Stacks







12' Diameter

	2.3' Height	3' Height	6' Height	10' Height
Fire Retardent	CTD-FR122.3	CTD-FR123	CTD-FR126	CTD-FR1210
	$2,250.08	**$3,137.96**	**$4,648.14**	**$8,060.50**
Standard	CTD-122.3	CTD-123	CTD-126	CTD-1210
	$2,027.62	**$2,915.50**	**$3,999.38**	**$6,996.22**

13' Diameter

	6' Height	7.5' Height
Fire Retardent	CTD-FR136	CTD-FR137.5
	$4,834.34	**$6,118.14**
Standard	CTD-136	CTD-137.5
	$4,159.12	**$5,618.34**

14' Diameter

	3' Height	6' Height	6.6' Height	10' Height	18' Height
Fire Retardent	CTD-FR143	CTD-FR146	CTD-FR146.6	CTD-FR1410	CTD-FR1418
	$3,586.80	**$5,311.60**	**$6,184.78**	**$9,171.82**	**$14,109.06**
Standard	CTD-143	CTD-146	CTD-146.6	CTD-1410	CTD-1418
	$3,332.00	**$4,570.72**	**$5,250.84**	**$7,954.66**	**$11,964.82**

15.2' Diameter

	6' Height
Fire Retardent	CTD-FR15.26
	$5,550.72
Standard	CTD-15.26
	$4,776.52

16' Diameter

	6' Height	6.5' Height	10' Height	14' Height	20' Height
Fire Retardent	CTD-FR166	CTD-FR166.5	CTD-FR1610	CTD-FR1614	CTD-FR1620
	$5,974.04	**$6,958.00**	**$10,283.14**	**$12,724.32**	**$18,317.18**
Standard	CTD-166	CTD-166.5	CTD-1610	CTD-1614	CTD-1620
	$5,142.06	**$5,907.44**	**$8,912.12**	**$10,787.84**	**$15,280.16**

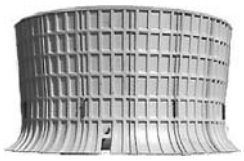
Prices in this book are subject to change. For updated pricing, please call us at (877)-243-3945 or visit us online at www.coolingtowerdepot.com

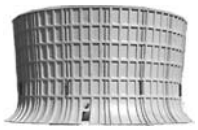
Copyright © 2007 Visit our web site at www.coolingtowerdepot.com for our full Terms and Conditions

Fan Stacks — FRP

Cooling Tower Fan Stacks







18' Diameter

	6' Height	7' Height	10' Height	14' Height
Fire Retardent	CTD-FR186	CTD-FR187	CTD-FR1810	CTD-FR1814
	$6,639.50	**$7,529.34**	**$11,394.46**	**$14,105.14**
Standard	CTD-186	CTD-187	CTD-1810	CTD-1814
	$5,713.40	**$6,926.67**	**$9,870.56**	**$11,955.02**

19' Diameter

	6' Height
Fire Retardent	CTD-FR196
	$6,838.44
Standard	CTD-196
	$5,884.90

20' Diameter

	6' Height	7' Height	10' Height	14' Height
Fire Retardent	CTD-FR206	CTD-FR207	CTD-FR2010	CTD-FR2014
	$7,303.94	**$8,281.98**	**$12,506.76**	**$15,486.94**
Standard	CTD-206	CTD-207	CTD-2010	CTD-2014
	$6,284.74	**$7,618.52**	**$10,828.02**	**$13,121.22**

22' Diameter

	6' Height	10' Height	14' Height
Fire Retardent	CTD-FR226	CTD-FR2210	CTD-FR2214
	$7,967.40	**$13,618.08**	**$16,868.74**
Standard	CTD-226	CTD-2210	CTD-2214
	$6,856.08	**$11,786.46**	**$14,288.40**

24' Diameter

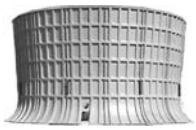
	6' Height	8' Height	10' Height	14' Height	18' Height
Fire Retardent	CTD-FR246	CTD-FR248	CTD-FR2410	CTD-FR2414	CTD-FR2418
	$8,631.84	**$10,925.04**	**$14,729.40**	**$18,249.56**	**$22,743.84**
Standard	CTD-246	CTD-248	CTD-2410	CTD-2414	CTD-2418
	$7,427.42	**$10,033.24**	**$12,744.90**	**$15,454.60**	**$19,259.94**

COOLING TOWER DEPOT
The Depot of All Cooling Towers
www.coolingtowerdepot.com



Copyright © 2007 Visit our web site at www.coolingtowerdepot.com for our full Terms and Conditions

Fan Stacks — FRP



Cooling Tower Fan Stacks







26' Diameter

	6' Height	7' Height	9' Height	10' Height	14' Height	18' Height
Fire Retardent	CTD-FR266	CTD-FR267	CTD-FR269	CTD-FR2610	CTD-FR2614	CTD-FR2618
	$9,295.30	**$10,540.88**	**$13,235.88**	**$15,840.72**	**$19,631.36**	**$24,470.60**
Standard	CTD-266	CTD-267	CTD-269	CTD-2610	CTD-2614	CTD-2618
	$7,997.78	**$9,697.10**	**$12,155.92**	**$13,702.36**	**$16,620.80**	**$20,718.18**

28' Diameter

	6' Height	7.2' Height	10' Height	14' Height	16.4' Height	18' Height
Fire Retardent	CTD-FR286	CTD-FR287.2	CTD-FR2810	CTD-FR2814	CTD-FR2816.4	CTD-FR2818
	$9,959.74	**$11,293.52**	**$16,953.02**	**$21,013.16**	**$25,008.62**	**$26,197.63**
Standard	CTD-286	CTD-287.2	CTD-2810	CTD-2814	CTD-2816.4	CTD-2818
	$8,569.12	**$10,388.98**	**$14,660.80**	**$17,787.98**	**$21,212.10**	**$22,177.40**

30' Diameter

	6' Height	10' Height	13.1' Height	14' Height	16.4' Height	18' Height
Fire Retardent	CTD-FR306	CTD-FR3010	CTD-FR3013.1	CTD-FR3014	CTD-FR3016.4	CTD-FR3018
	$10,623.20	**$18,064.34**	**$21,722.68**	**$22,394.86**	**$26,656.98**	**$27,924.12**
Standard	CTD-306	CTD-3010	CTD-3013.1	CTD-3014	CTD-3016.4	CTD-3018
	$9,140.46	**$15,518.26**	**$18,385.78**	**$18,954.18**	**$22,606.64**	**$23,636.62**

32' Diameter

	6' Height	7' Height	10' Height	14' Height	16.4' Height	18' Height
Fire Retardent	CTD-FR326	CTD-FR327	CTD-FR3210	CTD-FR3214	CTD-FR3216.4	CTD-FR3218
	$11,287.64	**$12,799.78**	**$19,175.66**	**$23,775.78**	**$28,304.63**	**$29,651.86**
Standard	CTD-326	CTD-327	CTD-3210	CTD-3214	CTD-3216.4	CTD-3218
	$9,711.80	**$11,774.70**	**$16,576.70**	**$20,121.36**	**$24,001.18**	**$25,094.86**

32.5' Diameter

	7' Height	8' Height	10' Height	16.4' Height
Fire Retardent	CTD-FR32.57	CTD-FR32.58	CTD-FR32.510	CTD-FR32.516.4
	$12,799.78	**$14,286.44**	**$19,463.78**	**$28,728.70**
Standard	CTD-32.57	CTD-32.58	CTD-32.510	CTD-32.516.4
	$11,774.70	**$13,120.24**	**$16,825.62**	**$24,360.84**

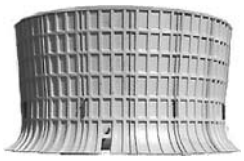
Prices in this book are subject to change. For updated pricing, please call us at (877)-243-3945 or visit us online at www.coolingtowerdepot.com

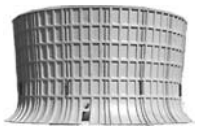
Copyright © 2007 Visit our web site at www.coolingtowerdepot.com for our full Terms and Conditions

Fan Stacks — FRP

Cooling Tower Fan Stacks







32.8' Diameter

	6' Height	7' Height	10' Height	14' Height	18' Height
Fire Retardent	CTD-FR32.86	CTD-FR32.87	CTD-FR32.87	CTD-FR32.814	CTD-FR32.818
	$11,625.74	**$13,183.94**	**$19,750.92**	**$24,489.22**	**$30,540.72**
Standard	CTD-32.86	CTD-32.87	CTD-32.87	CTD-32.814	CTD-32.818
	$10,003.84	**$12,127.50**	**$17,073.56**	**$20,725.04**	**$25,847.50**

34' Diameter

	6' Height	7' Height	10' Height	13.1' Height	14' Height
Fire Retardent	CTD-FR346	CTD-FR347	CTD-FR3410	CTD-FR3413.1	CTD-FR3414
	$11,933.10	**$13,531.50**	**$19,652.40**	**$25,157.58**	**$24,372.90**
Standard	CTD-346	CTD-347	CTD-3410	CTD-3413.1	CTD-3414
	$10,267.20	**$12,447.90**	**$16,983.00**	**$21,287.56**	**$20,621.70**

36' Diameter

	6' Height	7' Height	10' Height	14' Height
Fire Retardent	CTD-FR366	CTD-FR367	CTD-FR3610	CTD-FR3614
	$12,993.82	**$14,734.30**	**$21,399.28**	**$26,539.38**
Standard	CTD-366	CTD-367	CTD-3610	CTD-3614
	$11,179.84	**$13,554.38**	**$18,492.60**	**$22,454.74**

40' Diameter

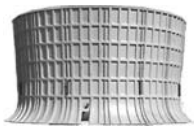
	10' Height	14' Height	20' Height
Fire Retardent	CTD-FR4010	CTD-FR4014	CTD-FR4020
	$23,621.92	**$29,302.00**	**$42,338.94**
Standard	CTD-4010	CTD-4014	CTD-4020
	$20,408.50	**$24,788.12**	**$35,282.94**

COOLING TOWER DEPOT
The Depot of All Cooling Towers
www.coolingtowerdepot.com



Copyright © 2007 Visit our web site at www.coolingtowerdepot.com for our full Terms and Conditions

Fan Stacks — Lilie Hoffmann



Lilie-Hoffmann Cooling Tower Fan Stacks



10' Diameter

	5' Height	6' Height
Fire Retardent	CTD-LHFR105	CTD-LHFR106
	$3,276.19	**$3,854.34**
Standard	CTD-LH105	CTD-LH106
	$2,848.86	**$3,351.60**

12' Diameter

	5' Height
Fire Retardent	CTD-LHFR125
	$3,931.43
Standard	CTD-LH125
	$3,418.63

14' Diameter

	5' Height	14' Height
Fire Retardent	CTD-LHFR145	CTD-LHFR1414
	$4,586.66	**$10,492.37**
Standard	CTD-LH145	CTD-LH-1414
	$3,988.40	**$9,123.80**

16' Diameter

	5' Height	6' Height	14' Height
Fire Retardent	CTD-LHFR-165	CTD-LHFR166	CTD-LHFR1614
	$5,241.90	**$6,166.94**	**$11,991.28**
Standard	CTD-LH165	CTD-LH166	CTD-LH1614
	$4,558.18	**$5,362.56**	**$10,427.20**

18' Diameter

	5' Height	6' Height	14' Height
Fire Retardent	CTD-LHFR185	CTD-LHFR186	CTD-LHFR1814
	$5,897.14	**$6,937.81**	**$13,490.19**
Standard	CTD-LH185	CTD-LH186	CTD-LH1814
	$5,127.95	**$6,032.88**	**$11,730.60**

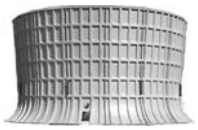
Prices in this book are subject to change. For updated pricing, please call us at (877)-243-3945 or visit us online at www.coolingtowerdepot.com

Copyright © 2007 Visit our web site at www.coolingtowerdepot.com for our full Terms and Conditions

Fan Stacks — Lilie Hoffmann

Lilie-Hoffmann Cooling Tower Fan Stacks





20' Diameter

	5' Height	6' Height	14' Height
Fire Retardent	CTD-LHFR205	CTD-LHFR206	CTD-LHFR2014
	$6,552.38	**$7,708.68**	**$14,989.10**
Standard	CTD-LH205	CTD-LH206	CTD-LH2014
	$5,697.72	**$6,703.20**	**$13,034.00**

22' Diameter

	5' Height	6' Height	14' Height
Fire Retardent	CTD-LHFR225	CTD-LHFR226	CTD-LHFR2214
	$7,207.62	**$8,479.55**	**$16,488.01**
Standard	CTD-LH225	CTD-LH226	CTD-LH2214
	$6,267.49	**$7,373.52**	**$14,337.40**

24' Diameter

	9' Height	18' Height
Fire Retardent	CTD-LHFR249	CTD-LHFR2418
	$9,250.42	**$23,383.00**
Standard	CTD-LH249	CTD-LH2418
	$8,043.84	**$20,333.04**

28' Diameter

	9' Height	14' Height	18' Height
Fire Retardent	CTD-LHFR289	CTD-LHFR2814	CTD-LHFR2818
	$10,792.15	**$20,984.74**	**$27,280.16**
Standard	CTD-LH289	CTD-LH2814	CTD-LH2818
	$9,384.48	**$18,247.60**	**$23,721.88**

32' Diameter

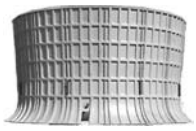
	10' Height	20' Height
Fire Retardent	CTD-LHFR3210	CTD-LHFR3220
	$17,952.66	**$35,288.62**
Standard	CTD-LH3210	CTD-LH3220
	$15,611.01	**$30,685.76**

COOLING TOWER DEPOT
The Depot of All Cooling Towers
www.coolingtowerdepot.com

Free! the industries only Online Cooling Tower Design Program With Pricing. Beat That. Free!

Copyright © 2007 Visit our web site at www.coolingtowerdepot.com for our full Terms and Conditions

Fan Stacks — Lilie Hoffmann



Lilie-Hoffmann Cooling Tower Fan Stacks



40' Diameter

	10' Height	20' Height
Fire Retardent	CTD-LHFR4010	CTD-LHFR4020
	$22,440.82	**$44,110.78**
Standard	CTD-LH4010	CTD-LH4020
	$19,513.76	**$38,357.20**

Fan Stack Options

Description	Price
4" Viewport in Fan Stack	**$36.99**
6" Viewport in Fan Stack	**$73.96**
FRP Shaft Guard for Fan Stack	**$133.13**
Access Door in Fan Stack	**$342.08**
FRP Repair Kit for Fan Stack	**$184.91**
Gelcoat Touch-up Kit for Fan Stack	**$92.45**
Fan Stack Rings — please call for selection	

Please note: The fan stack options are available for all models and sizes of our fanstacks.

Prices in this book are subject to change. For updated pricing, please call us at (877)-243-3945 or visit us online at www.coolingtowerdepot.com

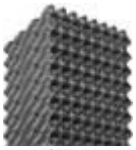
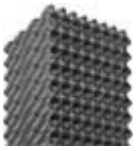
COOLING TOWER DEPOT™ The Depot of All Cooling Towers www.coolingtowerdepot.com

Copyright © 2007 Visit our web site at www.coolingtowerdepot.com for our full Terms and Conditions

Fill — Counterflow Cross Corrugated

Counterflow Cross Corrugated Fill



	Part No.	Part Description	Price
	**CTD-128**	Cross Corrugated PVC Fill, 1' X 1' X 6', 0.46" flute size, 8 mil sheets glued packs	**$43.04**
	**CTD-1210**	Cross Corrugated PVC Fill, 1' X 1' X 6', 0.46" flute size, 10 mil sheets glued packs	**$47.27**
	**CTD-1215**	Cross Corrugated PVC Fill, 1' X 1' X 6', 0.46" flute size, 15 mil sheets glued packs	**$64.08**
	**CTD-191012**	Cross Corrugated PVC Fill, 1' X 1' X 6', 0.75" flute size, 10 mil sheets glued packs	**$26.60**
	**CTD-191024**	Cross Corrugated PVC Fill, 1' X 2' X 6', 0.75" flute size, 10 mil sheets glued packs	**$52.62**
	**CTD-191512**	Cross Corrugated PVC Fill, 1' X 1' X 6', 0.75" flute size, 15 mil sheets glued packs	**$36.45**
	**CTD-191524**	Cross Corrugated PVC Fill, 1' X 2' X 6', 0.75" flute size, 15 mil sheets glued packs	**$69.80**
	**CTD-19MA10**	Cross Corrugated PVC Fill, 1' X 1' X 6', 0.75" flute size, 10 mil sheets, mechanical fastened	**$25.93**
	**CTD-19MA15**	Cross Corrugated PVC Fill, 1' X 1' X 6', 0.75" flute size, 15 mil sheets, mechanical fastened	**$34.68**

COOLING TOWER DEPOT
The Depot of All Cooling Towers
www.coolingtowerdepot.com

Free! the industries only Online Cooling Tower Design Program With Pricing. Beat That. Free!

Copyright © 2007 Visit our web site at www.coolingtowerdepot.com for our full Terms and Conditions

Fill — Low Fouling



Counterflow Low Fouling Fill

Part No.	Part Description	Price
 **CTD-MA2110**	Low-Fouling PVC Fill, 1' X 1' X 6', Off-set flute size 0.83", 10 mil sheets, mechanical fastened	**$23.73**
 **CTD-MA2115**	Low-Fouling PVC Fill, 1' X 1' X 6', Off-set flute size 0.83", 15 mil sheets, mechanical fastened	**$32.07**
 **CTD-OPTI-LF**	Low-Fouling PVC Fill, 1' X 2' X 6', Vertical flute size 0.75", 10 mil sheets, glued packs	**$54.52**
 **CTD-P191012**	Low-Fouling PVC Fill, 1' X 1' X 6', Vertical flute size 0.75", 10 mil sheets, glued packs	**$30.49**
 **CTD-P191024**	Low-Fouling PVC Fill, 1' X 2' X 6', Vertical flute size 0.75", 10 mil sheets, glued packs	**$57.22**
 **CTD-P191512**	Low-Fouling PVC Fill, 1' X 1' X 6', Vertical flute size 0.75", 15 mil sheets, glued packs	**$39.77**
 **CTD-P191524**	Low-Fouling PVC Fill, 1' X 2' X 6', Vertical flute size 0.75", 15 mil sheets, glued packs	**$76.53**

Prices in this book are subject to change. For updated pricing, please call us at (877)-243-3945 or visit us online at www.coolingtowerdepot.com

Copyright © 2007 Visit our web site at www.coolingtowerdepot.com for our full Terms and Conditions

Fill — Counterflow Splash

Counterflow Splash Fill



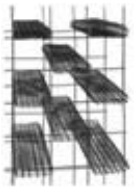
	Part No.	Part Description	Price
	**CTD-OPTI-GRID-CF**	Splash Fill, Polypropylene, Complete w/ 304 SS Hanger System	**$1.40 / sq ft**
	**CTD-T1212S**	12" X 12" Clay tile main brick	**$6.55**
	**CTD-1212S**	Clay tile starter Brick 10" X 16"	**$7.70**
	**CTD-SPACT**	Clay tile spacer	**$2.89**

COOLING TOWER DEPOT
The Depot of All Cooling Towers
www.coolingtowerdepot.com

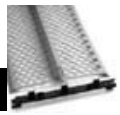
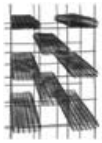
Free! the industries only Online Cooling Tower Design Program With Pricing. Beat That. Free!

Copyright © 2007 Visit our web site at www.coolingtowerdepot.com for our full Terms and Conditions

Fill — Crossflow Splash



Crossflow Fill

	Part No.	Description	Price
	**CTD-VBAR4**	4" V-Bar PVC splash fill, 6' long, minimum 45 mil thick	**$1.06**
	**CTD-G4**	4" Gull Wing PVC splash fill, 6' long, minimum 45 mil thick	**$1.15**
	**CTD-4clip**	4" fill clip polypropylene	**$0.12**
	**CTD-OPTI4**	4" Opti Bar polypropylene, 6' long	**$1.29**
	**CTD-G6**	6" Gull Wing PVC splash fill, 6' long, minimum 45 mil thick	**$1.54**
	**CTD-6clip**	6" fill clip polypropylene	**$0.14**
	**CTD-THB6**	6" Therma-Bar PVC splash fill, 6' long, minimum 45 mil thick	**$2.07**
	**CTD-THC6**	Therma-Bar PVC fill clip	**$0.17**
	**CTD-OPTI-GRID-XF**	CTD OPTI-GRID Splash Fill, Polypropylene, Complete w/316 SS Hanger System	**$1.20 / sq ft**

Fill

Prices in this book are subject to change. For updated pricing, please call us at (877)-243-3945 or visit us online at www.coolingtowerdepot.com

Copyright © 2007 Visit our web site at www.coolingtowerdepot.com for our full Terms and Conditions



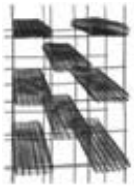
	Part No.	Description	Price
	**CTD-IL191012**	Cross Corrugated PVC Fill, 1' X 1' X 6', 10 Mil crossflow film fill with integrated louvers	**$37.96**
	**CTD-IL191024**	Cross Corrugated PVC Fill, 1' X 2' X 6', 10 Mil crossflow film fill with integrated louvers	**$66.51**
	**CTD-IL191512**	Cross Corrugated PVC Fill, 1' X 1' X 6', 15 Mil crossflow film fill with integrated louvers	**$48.51**
	**CTD-IL191524**	Cross Corrugated PVC Fill, 1' X 2' X 6', 15 Mil crossflow film fill with integrated louvers	**$86.00**
	**CTD-ID191012**	Cross Corrugated PVC Fill, 1' X 1' X 6', 10 Mil crossflow film fill with integrated drift eliminators	**$37.96**
	**CTD-ID191024**	Cross Corrugated PVC Fill, 1' X 2' X 6', 10 Mil crossflow film fill with integrated drift-elimimators	**$66.52**
	**CTD-ID191512**	Cross Corrugated PVC Fill, 1' X 1' X 6', 15 Mil crossflow film fill with integrated drift-eliminators	**$48.51**
	**CTD-ID191524**	Cross Corrugated PVC Fill, 1' X 2' X 6', 15 Mil crossflow film fill with integrated dift eliminators	**$86.01**

COOLING TOWER DEPOT
The Depot of All Cooling Towers
www.coolingtowerdepot.com



Copyright © 2007 Visit our web site at www.coolingtowerdepot.com for our full Terms and Conditions

Fill — Crossflow Film

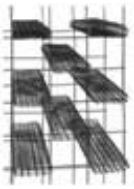


	Part No.	Description	Price
	**CTD-ILIDOP-10**	Cross Corrugated PVC Fill, 1' X 1' X 6', 10 Mil crossflow film fill with integrated drift eliminators or inlet louvers	**$35.27**
	**CTD-ILIDOP-15**	Cross Corrugated PVC Fill, 1' X 1' X 6', 15 Mil crossflow film fill with integrated drift eliminators or inlet louvers	**$44.75**
	**CTD-XFILID10**	1'x2'x4' high pack PVC cross flow "herring Bone" type 10 mil Packs with IL inlet louvers and ID integral drift-eliminators. Available in 4', 6', 8', 10' fill heights.	**$49.62**
	**CTD-XFILID15**	1'x2'x4' high pack PVC cross flow "herring Bone" type 15 mil Packs with IL inlet louvers and ID integral drift-eliminators. Available in 4', 6', 8', 10' fill heights.	**$60.69**
	**CTDXF10**	Same as the CTD-XFIDIL10 10 mil pack without either the IL or ID sections 1'x2'x4' pack. Available in 4', 6', 8', and 10' fill heights.	**$49.62**
	**CTDXF15**	Same as the CTD-XFIDIL15 15 mil pack without either the IL or ID sections 1'x2'x4' pack. Available in 4', 6', 8', and 10' fill heights.	**$60.69**

Prices in this book are subject to change. For updated pricing, please call us at (877)-243-3945 or visit us online at www.coolingtowerdepot.com

Copyright © 2007 Visit our web site at www.coolingtowerdepot.com for our full Terms and Conditions

Crossflow Support and Grids



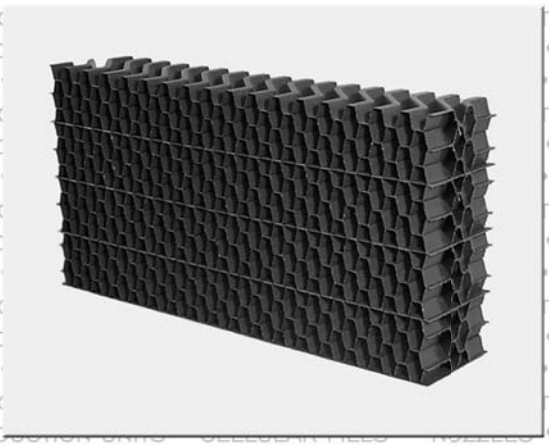


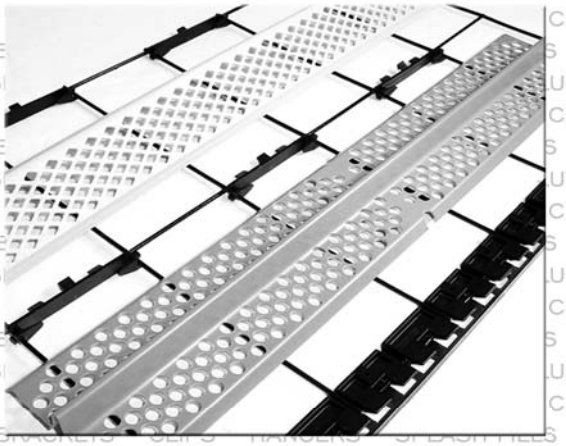
Part No.	Part Description	Price
CTD-HPB	24" long polypropylene hanger bracket	**$1.15**
CTD-48P	4' x 6' 4" X 8" mesh 14 gauge pvc coated wire fill support grid	**$8.26**
CTD-48SS	4' x 6' 4" X 8" mesh 14 gauge stainless steel wire fill support this product requires a minimum order of 600 pcs for setup	**$16.01**
CTD-44P	4' x 6" 4" X 4" mesh 14 gauge pvc coated steel wire supports	**$9.03**
CTD-44SS	4' x 6' 4" X 4" mesh 14 gauge stainless steel wire supports this product requires a minimum order of 600 pcs for setup	**$18.92**
CTD-HRG	304 stainless steel hog ring clips 5 lb pack	**$65.20**
CTD-3648P	3' x 6' 4" X 8" mesh 14 gauge pvc coated steel wire supports	**$7.84**
CTD-3648SS	3' x 6' 4" x 8" mesh 14 gauge stainless steel wire supports this product requires a minimum order of 600 pcs for setup	**$36.75**
CTD-3644P	3' x 6' 4" x 4" mesh 14 gauge pvc coated steel wire supports	**$9.01**
CTD-3644SS	3' x 6' 4" x 4" mesh 14 gauge stainless steel wire supports this product requires a minimum order of 600 pcs for setup	**$40.40**
CTD-242	42" x 72" 2-4-2 angled grid replacement 14 gauge pvc coated wire support	**$24.19**
CTD-242SS	42" x 72" 2-4-2 angled grid replacement stainless steel this product requires a minimum order of 600 pcs for setup	**$45.05**

COOLING TOWER DEPOT
The Depot of All Cooling Towers
www.coolingtowerdepot.com

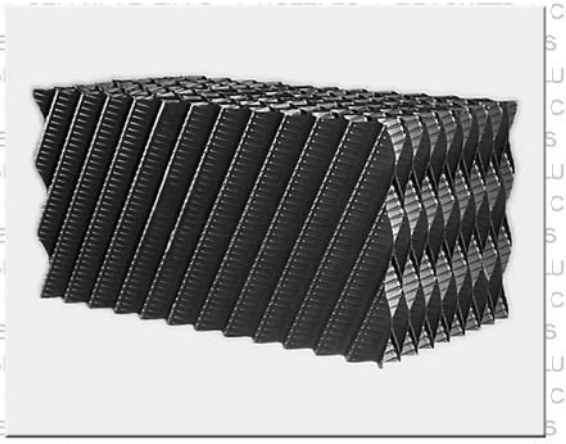
Free! the industries only Online Cooling Tower Design Program With Pricing. Beat That. Free!

Copyright © 2007 Visit our web site at www.coolingtowerdepot.com for our full Terms and Conditions









C. E. Shepherd Company

MANUFACTURER OF FINE COOLING TOWER COMPONENTS

WWW.CESHEPHERD.COM

Prices in this book are subject to change. For updated pricing, please call us at (877)-243-3945 or visit us online at www.coolingtowerdepot.com

COOLING TOWER DEPOT
The Depot of All Cooling Towers
www.coolingtowerdepot.com

Copyright © 2007 Visit our web site at www.coolingtowerdepot.com for our full Terms and Conditions

Flow Control Valves — Mur-Tex

FRP Mur-Tex Flow Control Valves



	Part No.	Part Description	Price
	**CTD-FCV-FRP-MT10**	Flow Control Valve, FRP, 10"	**$1,410.75**
	**CTD-FCV-FRP-MT12**	Flow Control Valve, FRP, 12"	**$1,482.00**
	**CTD-FCV-FRP-MT14**	Flow Control Valve, FRP, 14"	**$1,596.00**
	**CTD-FCV-FRP-MT16**	Flow Control Valve, FRP, 16"	**$1,733.75**
	**CTD-FCV-FRP-MT18**	Flow Control Valve, FRP, 18"	**$1,852.50**
	**CTD-FCV-FRP-MT20**	Flow Control Valve, FRP, 20"	**$1,995.00**

COOLING TOWER DEPOT
The Depot of All Cooling Towers
www.coolingtowerdepot.com

Free! the industries only Online Cooling Tower Design Program With Pricing. Beat That. Free!

Copyright © 2007 Visit our web site at www.coolingtowerdepot.com for our full Terms and Conditions

Flow Control Valves — HDG



HDG Flow Control Valves

	Part No.	Part Description	Price
	**CTD-FCV-HDG-6**	Flow Control Valve, Hot Dip Galvanized, 6"	**$1,691.36**
	**CTD-FCV-HDG-8**	Flow Control Valve, Hot Dip Galvanized, 8"	**$1,694.56**
	**CTD-FCV-HDG-10**	Flow Control Valve, Hot Dip Galvanized, 10"	**$1,846.86**
	**CTD-FCV-HDG-12**	Flow Control Valve, Hot Dip Galvanized, 12"	**$2,007.17**
	**CTD-FCV-HDG-14**	Flow Control Valve, Hot Dip Galvanized, 14"	**$2,167.48**
	**CTD-FCV-HDG-16**	Flow Control Valve, Hot Dip Galvanized, 16"	**$2,387.11**
	**CTD-FCV-HDG-18**	Flow Control Valve, Hot Dip Galvanized, 18"	**$2,676.09**
	**CTD-FCV-HDG-20**	Flow Control Valve, Hot Dip Galvanized, 20"	**$2,850.19**

Prices in this book are subject to change. For updated pricing, please call us at (877)-243-3945 or visit us online at www.ctdepotinc.com.

Copyright © 2007 Visit our web site at www.coolingtowerdepot.com for our full Terms and Conditions

Flow Control Valves — S.S.



Stainless Steel Flow Control Valves



	Part No.	Part Description	Price
	**CTD-FCV-SS-8**	Flow Control Valve, Stainless Steel, 8"	**$2,147.00**
	**CTD-FCV-SS-10**	Flow Control Valve, Stainless Steel, 10"	**$2,375.00**
	**CTD-FCV-SS-12**	Flow Control Valve, Stainless Steel, 12"	**$2,717.00**
	**CTD-FCV-SS-14**	Flow Control Valve, Stainless Steel, 14"	**$2,945.00**
	**CTD-FCV-SS-16**	Flow Control Valve, Stainless Steel, 16"	**$3,230.00**
	**CTD-FCV-SS-18**	Flow Control Valve, Stainless Steel, 18"	**$3,401.00**
	**CTD-FCV-SS-20**	Flow Control Valve, Stainless Steel, 20"	**$3,572.00**

COOLING TOWER DEPOT
The Depot of All Cooling Towers
www.coolingtowerdepot.com

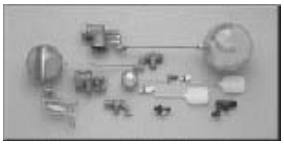
Free! the industries only Online Cooling Tower Design Program With Pricing. Beat That. Free!

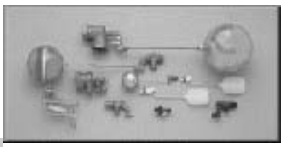
Copyright © 2007 Visit our web site at www.coolingtowerdepot.com for our full Terms and Conditions

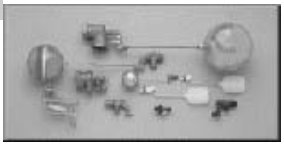
Flow Control Valves



Stainless Steel Float Valves

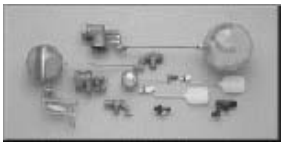


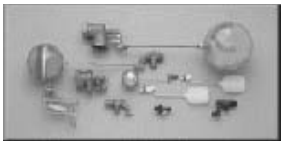




CTD-FLV-SS-1.25	Flow Control Valve, Float, Stainless Steel, 1-1/4”	$3,916.85
CTD-FLV-SS-1.50	Flow Control Valve, Float, Stainless Steel, 1-1/2"	$3,916.85
CTD-FLV-SS-2	Flow Control Valve, Float, Stainless Steel, 2"	$4,548.60

Bronze Float Valves







CTD-FLV-BA-1.25	Flow Control Valve, Float, Stainless Steel, 1-1/4”	$2,110.71
CTD-FLV-BZ-1.50	Flow Control Valve, Float, Stainless Steel, 1-1/2"	$2,110.71
CTD-FLV-BZ-2	Flow Control Valve, Float, Stainless Steel, 2"	$2,340.80

Prices in this book are subject to change. For updated pricing, please call us at (877)-243-3945 or visit us online at www.ctdepotinc.com.

Copyright © 2007 Visit our web site at www.coolingtowerdepot.com for our full Terms and Conditions

Butterfly Flow Control Valves



	Part Number	Description	Price Ea.
	CTD-WBFV-4L	Butterfly Valve, Wafer, Lever, 4”	$185.92
	CTD-WBFV-6L	Butterfly Valve, Wafer, Lever, 6”	$315.84
	CTD-WBFV-8L	Butterfly Valve, Wafer, Lever, 8”	$433.44
	CTD-WBFV-8G	Butterfly Valve, Wafer, Gear, 8”	$547.68
	CTD-WBFV-10G	Butterfly Valve, Wafer, Gear, 10”	$728.00
	CTD-WBFV-12G	Butterfly Valve, Wafer, Gear, 12”	$885.92

COOLING TOWER DEPOT
The Depot of All Cooling Towers
www.coolingtowerdepot.com

Free! the industries only Online Cooling Tower Design Program With Pricing. Beat That. Free!

Copyright © 2007 Visit our web site at www.coolingtowerdepot.com for our full Terms and Conditions

Flow Control Valves



Butterfly Flow Control Valves

	Part Number	Description	Price Ea.
	CTD-LBFV-4L	Butterfly Valve, Lug, Lever, 4”	$226.24
	CTD-LBFV-6L	Butterfly Valve, Lug, Lever, 6”	$364.00
	CTD-LBFV-8L	Butterfly Valve, Lug, Lever, 8”	$478.24
	CTD-LBFV-8G	Butterfly Valve, Lug, Gear, 8”	$603.68
	CTD-LBFV-10G	Butterfly Valve, Lug, Gear, 10”	$813.12
	CTD-LBFV-12G	Butterfly Valve, Lug, Gear, 12”	$1,107.68

Prices in this book are subject to change. For updated pricing, please call us at (877)-243-3945 or visit us online at www.ctdepotinc.com.

Copyright © 2007 Visit our web site at www.coolingtowerdepot.com for our full Terms and Conditions

Emergency Hurricane Repair Service?



Our Technicians can help

MASTERTECH SERVICES, INC.

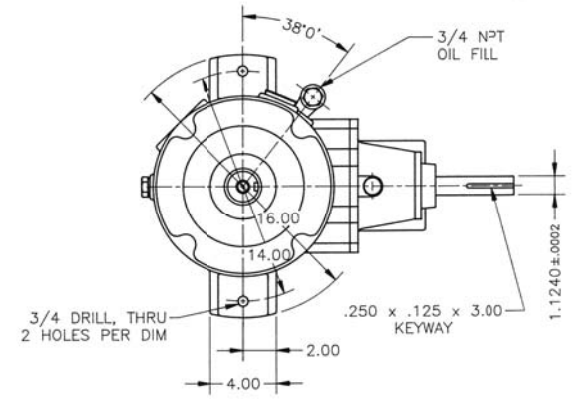
Independent Cooling Tower Services

www.mtcts.com

611 Corporate Circle, Suite F
Golden, Colorado 80401
Toll Free: 877-344-3072
Fax: 303-278-4665

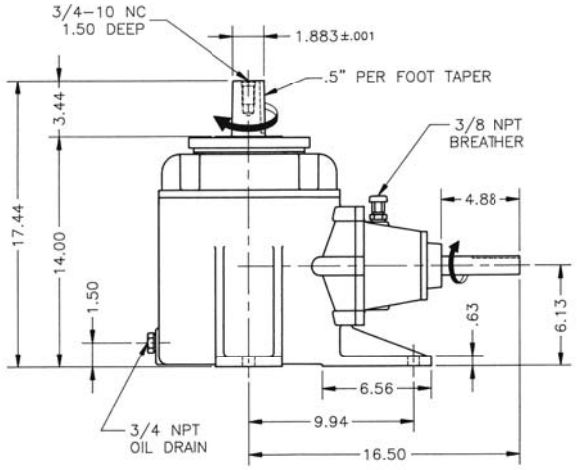
Free! the industries only Online Cooling Tower Design Program With Pricing. Beat That. Free!

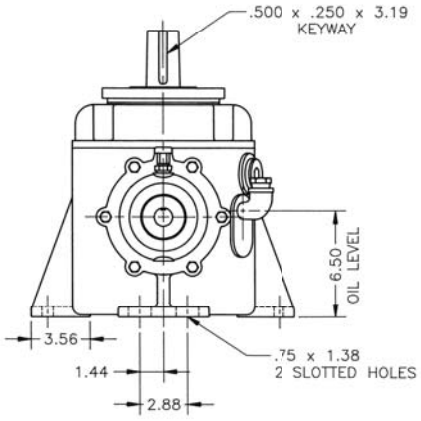
Copyright © 2007 Visit our web site at www.coolingtowerdepot.com for our full Terms and Conditions



Model A20

Input RPM	Gear Ratio	Fan RPM	Service HP Rating (2.0 Service Factor)
1750	2.71	646	35
1750	3.27	535	35
1750	3.78	463	30
1750	4.11	426	25
1750	4.89	358	20



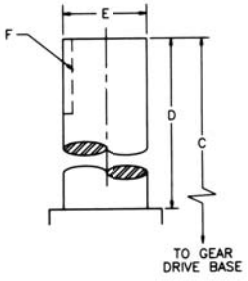


Straight Output Shaft Information

All AMARILLO "A" series right angle cooling tower drives may be furnished, **upon request**, with a cylindrical output shaft. The most common cylindrical shaft diameter is shown in the following table, however, other shaft diameters can be supplied within engineering limits. When requesting a cylindrical shaft the following information must be provided before an order can be accepted.

Model	Dia.	Model	Dia.
A20	2"	A32	4½"
A22	2⅝"	A34	5"
A27	3"	A36	5"
		A38	5"

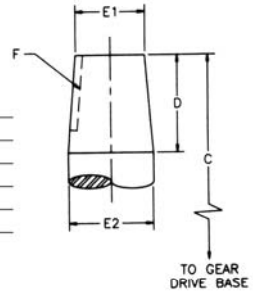
Length of shaft (D) _____
Shaft diameter (E) _____
Keyway size (F) _____
Overall Height (C) _____



Tapered Output Shaft Information

All AMARILLO "A" series right angle cooling tower drives may be furnished, **as standard**, with the tapered output shaft shown in the drawing. On rare occasions the gear drive being replaced may have a different output shaft taper. Amarillo Gear Company will provide a matching shaft when the following information (or shaft drawing) is provided. This information is required before an order can be accepted.

Length of taper (D) _____
Small end diameter (E1) _____
Large end diameter (E2) _____
Keyway size (F) _____
Keyway parallel to centerline or taper _____
Overall Height (C) _____



Weights and Shipping Dimensions

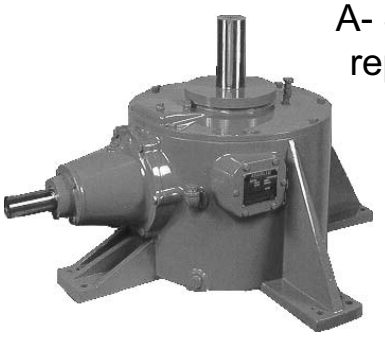
Model	Net Weight (lbs)	Weight With Export Boxing (lbs)	Export Box Dimensions (LxWxH)(in)
A20	200	240	29 x 19 x 27

Prices in this book are subject to change. For updated pricing, please call us at (877)-243-3945 or visit us online at www.coolingtowerdepot.com

COOLING TOWER DEPOT
The Depot of All Cooling Towers
www.coolingtowerdepot.com

Copyright © 2007 Visit our web site at www.coolingtowerdepot.com for our full Terms and Conditions

Gearboxes and Parts — Amarillo A Series



A- Series Single Reduction (Choose this series to replace any Single Reduction Marley® gearbox.)



A20

Gearbox

Part No.	Part Description	Price
CTD-A20	A-Series Cooling Tower Gearbox (Single Reduction)	$3,238.40

Accessories

Not Available	Mechanical Oil Pump	
CTD-A20-EOP	Electronic Oil Pump	$1,672.00
Not Available	Oil Filter	
Not Available	Oil Heater and Thermostat	
Not Available	Pressure Switch	
CTD-A20-OLS	Oil Level Switch	$668.80
CTD-A20-NR	Non-Reverse	$1,372.80
CTD-A20-LSO	Low Speed Option	$468.00
CTD-A20-EB	Export Box	$65.00

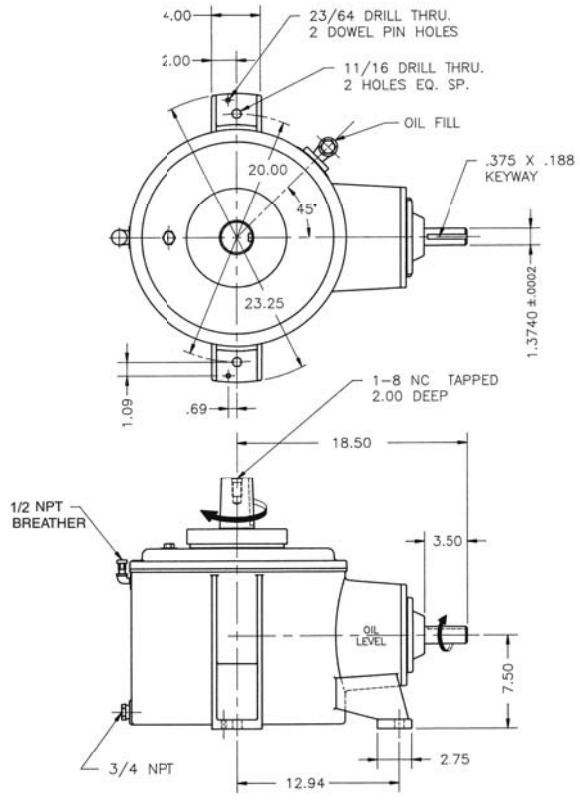
Replacement Parts

Part No.	Description	Price	Part No.	Description	Price	Part No.	Description	Price
MF2-10	Gear Case	$981.00	451-A20	Under Gear Spacer	$14.70	825-A20	Gasket Set	$3.40
MF2-11	Upper Seal Plate	$219.00	1231	Horiz Locknut Set	$29.30	826-A20	Oil Drain Plug	$5.30
F2-12	Vertical Carrier	$217.00	22008	Oil Slinger	$29.90	910-A20	Gear Key	$4.00
F2-15	Horizontal Carrier	$173.00	JLM710910/49	Vert Upper Bearing	$48.50	N/A	Horizontal Shim Set	
F2-16A	Horizontal Seal Plate	$27.70	JHM807012/45	Vert Lower Bearing	$65.70	AS140	Seal Plate O-ring	$.80
N/A	Inspection Plate		25821/77	Horiz Outer Bearing	$24.20	N/A	Seal Carrier O-ring	
F2-20	Bearing Bushing	$65.60	JHM807012/45	Horiz Inner Bearing	$65.70	N/A	MF3-16 O-ring	
MF2-21	Vertical Seal Carrier	$200.00	2 - 471766	Horiz Seal Set	$12.80	N/A	MF3-15 O-ring	
100	Spiral Bevel Gear Set	$961.00	2 - 471271	Vertical Seal Set	$21.40	---	Labor Net	$347.00
29006	Output Shaft	$438.00	3/4" X 1-1/4"	Eye Bolt	$12.10	---	Oil and Paint Net	$37.00
N/A	Gear Mount		M313650	Breather Plug	$12.20			
450-A20	Above Gear Spacer	$14.70	824-A20	Vertical Shim Set	$31.40			

COOLING TOWER DEPOT
The Depot of All Cooling Towers
www.coolingtowerdepot.com

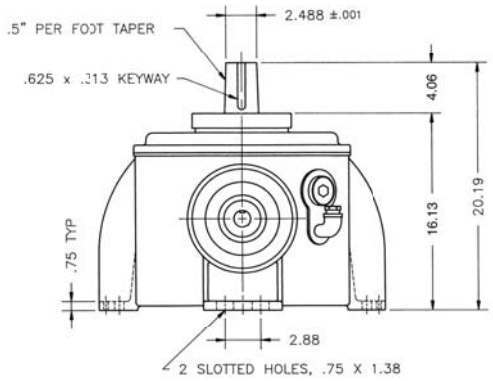
Free! the industries only Online Cooling Tower Design Program With Pricing. Beat That. Free!

Copyright © 2007 Visit our web site at www.coolingtowerdepot.com for our full Terms and Conditions



Model A22

Input RPM	Gear Ratio	Fan RPM	Service HP Rating (2.0 Service Factor)
1750	3.45	507	70
1750	4.10	427	70
1750	4.56	389	70
1750	5.11	342	60
1750	5.50	318	60
1750	6.12	286	53
1750	6.50	267	53
1750	7.33	239	47

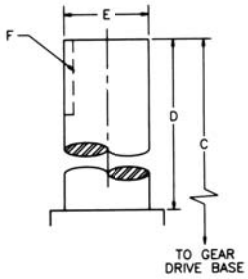


Straight Output Shaft Information

All AMARILLO "A" series right angle cooling tower drives may be furnished, **upon request**, with a cylindrcal output shaft. The most common cylindrical shaft diameter is shown in the following table, however, other shaft diameters can be supplied within engineering limits. When requesting a cylindrical shaft the following information must be provided before an order can be accepted.

Model	Dia.	Model	Dia.
A20	2"	A32	4½"
A22	2⅝"	A34	5"
A27	3"	A36	5"
		A38	5"

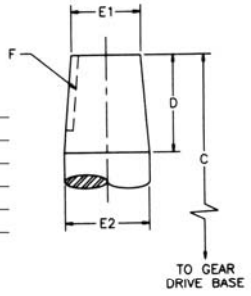
Length of shaft (D) _____
Shaft diameter (E) _____
Keyway size (F) _____
Overall Height (C) _____



Tapered Output Shaft Information

All AMARILLO "A" series right angle cooling tower drives may be furnished, **as standard**, with the tapered output shaft shown in the drawing. On rare occasions the gear drive being replaced may have a different output shaft taper. Amarillo Gear Company will provide a matching shaft when the following information (or shaft drawing) is provided. This information is required before an order can be accepted.

Length of taper (D) _____
Small end diameter (E1) _____
Large end diameter (E2) _____
Keyway size (F) _____
Keyway parallel to centerline or taper _____
Overall Height (C) _____



Weights and Shipping Dimensions

Model	Net Weight (lbs)	Weight With Export Boxing (lbs)	Export Box Dimensions (LxWxH)(in)
A22	440	500	36 x 23 x 34

Prices in this book are subject to change. For updated pricing, please call us at (877)-243-3945 or visit us online at www.coolingtowerdepot.com

COOLING TOWER DEPOT
The Depot of All Cooling Towers
www.coolingtowerdepot.com

Copyright © 2007 Visit our web site at www.coolingtowerdepot.com for our full Terms and Conditions

Amarillo A Series





A22

Gearbox

Part No.	Part Description	Price
CTD-A22	A-Series Cooling Tower Gearbox (Single Reduction)	$4,628.80

Accessories

Not Available	Mechanical Oil Pump	
CTD-A22-EOP	Electronic Oil Pump	$1,672.00
Not Available	Oil Filter	
Not Available	Oil Heater and Thermostat	
Not Available	Pressure Switch	
CTD-A22-OLS	Oil Level Switch	$668.80
CTD-A22-NR	Non-Reverse	$1,372.80
CTD-A22-LSO	Low Speed Option	$533.00
CTD-A22-EB	Export Box	$78.00

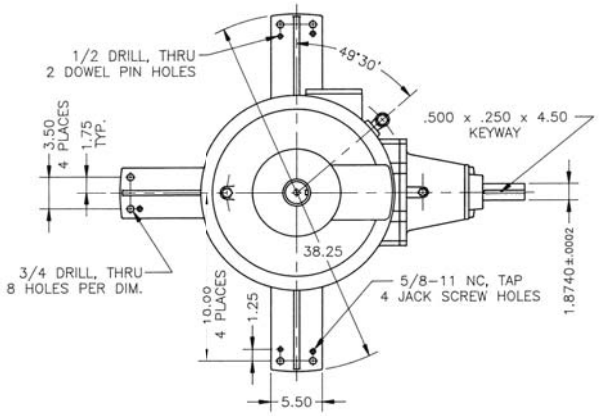
Replacement Parts

Part No.	Description	Price	Part No.	Description	Price	Part No.	Description	Price
MF2-10	Gear Case	$1,220.00	451-A20	Under Gear Spacer	$22.10	825-A20	Gasket Set	
MF2-11	Upper Seal Plate	$154.00	1231	Horiz Locknut Set	$30.20	826-A20	Oil Drain Plug	$6.20
F2-12	Vertical Carrier	$330.00	22008	Oil Slinger	$80.60	910-A20	Gear Key	$5.10
F2-15	Horizontal Carrier	$264.00	JLM710910/49	Vert Upper Bearing	$84.10	N/A	Horizontal Shim Set	$42.60
F2-16A	Horizontal Seal Plate	$76.10	JHM807012/45	Vert Lower Bearing	$128.40	AS140	Seal Plate O-ring	$0.80
N/A	Inspection Plate		25821/77	Horiz Outer Bearing	$36.50	N/A	Seal Carrier O-ring	$3.30
F2-20	Bearing Bushing		JHM807012/45	Horiz Inner Bearing	$78.00	N/A	MF3-16 O-ring	$3.30
MF2-21	Vertical Seal Carrier	$190.00	2 - 471766	Horiz Seal Set	$10.50	N/A	MF3-15 O-ring	$4.00
100	Spiral Bevel Gear Set	$1,930.00	2 - 471271	Vertical Seal Set	$28.20	---	Labor Net	$464.00
29006	Output Shaft	$563.00	3/4" X 1-1/4"	Eye Bolt	$16.80	---	Oil and Paint Net	$61.00
N/A	Gear Mount	$207.00	M313650	Breather Plug	$12.20			
450-A20	Above Gear Spacer	$22.10	824-A20	Vertical Shim Set	$31.40			

COOLING TOWER DEPOT
The Depot of All Cooling Towers
www.coolingtowerdepot.com

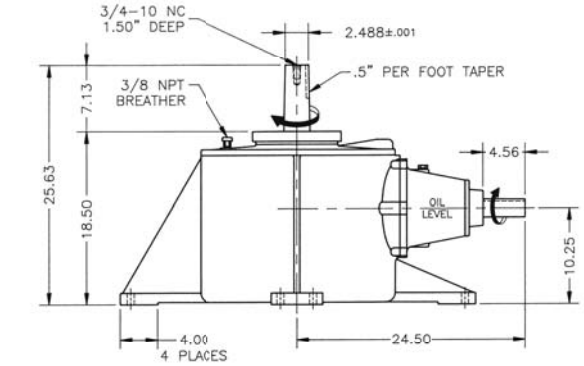
Free! the industries only Online Cooling Tower Design Program With Pricing. Beat That. Free!

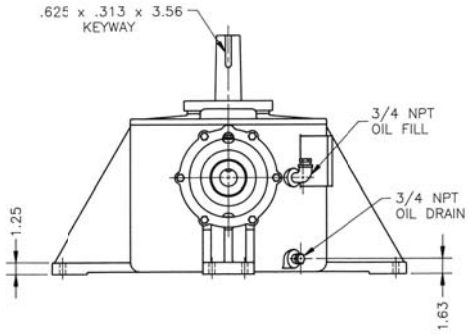
Copyright © 2007 Visit our web site at www.coolingtowerdepot.com for our full Terms and Conditions



Model A27

Input RPM	Gear Ratio	Fan RPM	Service HP Rating (2.0 Service Factor)
1750	5.77	303	80
1750	7.71	227	75
1750	8.66	202	60
1750	9.83	178	40



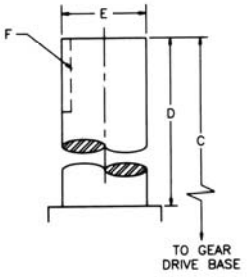


Straight Output Shaft Information

All AMARILLO "A" series right angle cooling tower drives may be furnished, **upon request**, with a cylindrcal output shaft. The most common cylindrical shaft diameter is shown in the following table, however, other shaft diameters can be supplied within engineering limits. When requesting a cylindrical shaft the following information must be provided before an order can be accepted.

Model	Dia.	Model	Dia.
A20	2"	A32	4½"
A22	2⅝"	A34	5"
A27	3"	A36	5"
		A38	5"

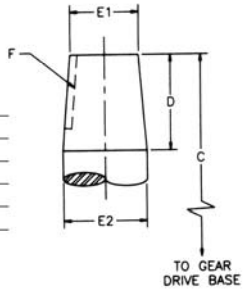
Length of shaft (D) _____
Shaft diameter (E) _____
Keyway size (F) _____
Overall Height (C) _____



Tapered Output Shaft Information

All AMARILLO "A" series right angle cooling tower drives may be furnished, **as standard**, with the tapered output shaft shown in the drawing. On rare occasions the gear drive being replaced may have a different output shaft taper. Amarillo Gear Company will provide a matching shaft when the following information (or shaft drawing) is provided. This information is required before an order can be accepted.

Length of taper (D) _____
Small end diameter (E1) _____
Large end diameter (E2) _____
Keyway size (F) _____
Keyway parallel to centerline or taper _____
Overall Height (C) _____



Weights and Shipping Dimensions

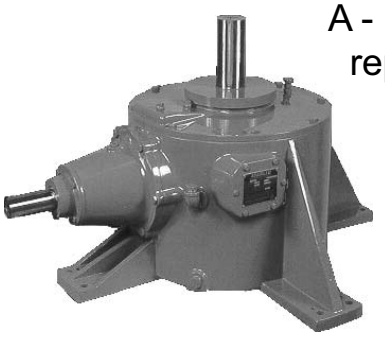
Model	Net Weight (lbs)	Weight With Export Boxing (lbs)	Export Box Dimensions (LxWxH)(in)
A27	840	940	36 x 40 x 30

Prices in this book are subject to change. For updated pricing, please call us at (877)-243-3945 or visit us online at www.coolingtowerdepot.com

COOLING TOWER DEPOT
The Depot of All Cooling Towers
www.coolingtowerdepot.com

Copyright © 2007 Visit our web site at www.coolingtowerdepot.com for our full Terms and Conditions

Gearboxes and Parts — Amarillo A Series



A - Series Single Reduction (Choose this series to replace any Single Reduction Marley® gearbox.)



A27

Gearbox

Part No.	Part Description	Price
CTD-A27	A-Series Cooling Tower Gearbox (Single Reduction)	$8,940.80

Accessories

Not Available	Mechanical Oil Pump	
CTD-A27-EOP	Electronic Oil Pump	$1,672.00
Not Available	Oil Filter	
Not Available	Oil Heater and Thermostat	
Not Available	Pressure Switch	
CTD-A27-OLS	Oil Level Switch	$668.80
CTD-A27-NR	Non-Reverse	$1,522.40
CTD-A27-LSO	Low Speed Option	$598.00
CTD-A27-EB	Export Box	$143.00

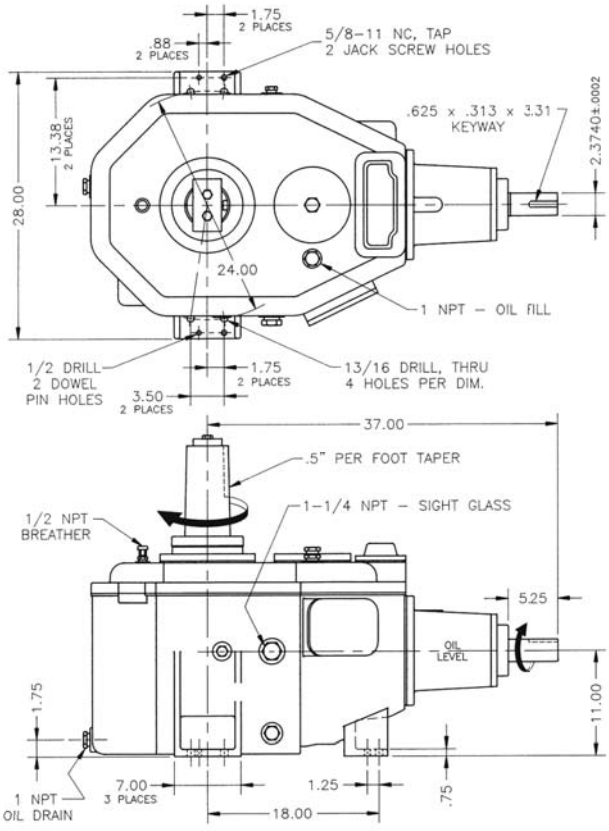
Replacement Parts

Part No.	Description	Price	Part No.	Description	Price	Part No.	Description	Price
MF4-10	Gear Case	$2,060.00	451-A27	Under Gear Spacer	$41.20	825-A27	Gasket Set	$5.40
MF4-11	Upper Seal Plate	$224.00	3268	Horiz Locknut Set	$44.50	826-A27	Oil Drain Plug	$6.20
MF4-12	Vertical Carrier	$730.00	24008	Oil Slinger	$40.20	910-A27	Gear Key	$6.70
F5-15	Horizontal Carrier	$524.00	JM718110/49	Vert Upper Bearing	$75.80	N/A	Horizontal Shim Set	
F6-16A	Horizontal Seal Plate	$60.60	9321/80	Vert Lower Bearing	$232.80	AS337	Seal Plate O-ring	$1.00
E-18	Inspection Plate	$16.30	JHM807012/45	Horiz Outer Bearing	$65.70	AS161	Seal Carrier O-ring	$7.70
F5-20	Bearing Bushing	$216.00	9321/80	Horiz Inner Bearing	$232.80	N/A	MF3-16 O-ring	
MF4-21	Vertical Seal Carrier	$251.00	2 - 473238	Horiz Seal Set	$20.20	N/A	MF3-15 O-ring	
100	Spiral Bevel Gear Set	$3,600.00	2 - 455146	Vertical Seal Set	$43.80	---	Labor Net	$604.00
28009	Output Shaft	$810.00	3/4" X 1-1/4"	Eye Bolt	$12.10	---	Oil and Paint Net	$86.00
L22	Gear Mount	$363.00	M313650	Breather Plug	$12.20			
450-A27	Above Gear Spacer	$41.20	824-A27	Vertical Shim Set	$35.60			

COOLING TOWER DEPOT
The Depot of All Cooling Towers
www.coolingtowerdepot.com
Free! the industries only Online Cooling Tower Design Program With Pricing. Beat That. Free!

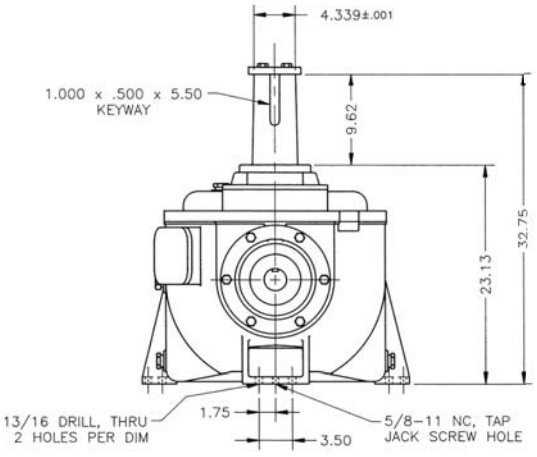
Copyright © 2007 Visit our web site at www.coolingtowerdepot.com for our full Terms and Conditions

A - Series Double Reduction (Choose this series to replace any Double Reduction Marley® gearbox)



Model A32

Input RPM	Gear Ratio	Fan RPM	Service HP Rating (2.0 Service Factor)
1750	6.47	270	160
1750	7.89	222	160
1750	8.80	199	160
1750	10.16	172	160
1750	11.18	157	160
1750	12.93	135	160

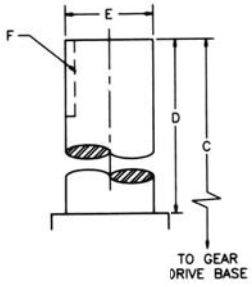


Straight Output Shaft Information

All AMARILLO "A" series right angle cooling tower drives may be furnished, **upon request**, with a cylindrical output shaft. The most common cylindrical shaft diameter is shown in the following table, however, other shaft diameters can be supplied within engineering limits. When requesting a cylindrical shaft the following information must be provided before an order can be accepted.

Model	Dia.	Model	Dia.
A20	2"	A32	4½"
A22	2⅝"	A34	5"
A27	3"	A36	5"
		A38	5"

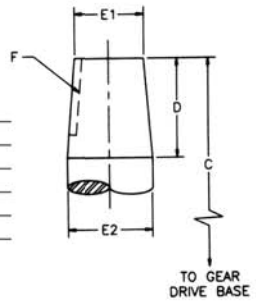
Length of shaft (D) _____
Shaft diameter (E) _____
Keyway size (F) _____
Overall Height (C) _____



Tapered Output Shaft Information

All AMARILLO "A" series right angle cooling tower drives may be furnished, **as standard**, with the tapered output shaft shown in the drawing. On rare occasions the gear drive being replaced may have a different output shaft taper. Amarillo Gear Company will provide a matching shaft when the following information (or shaft drawing) is provided. This information is required before an order can be accepted.

Length of taper (D) _____
Small end diameter (E1) _____
Large end diameter (E2) _____
Keyway size (F) _____
Keyway parallel to centerline or taper _____
Overall Height (C) _____



Weights and Shipping Dimensions

Model	Net Weight (lbs)	Weight With Export Boxing (lbs)	Export Box Dimensions (LxWxH)(in)
A32	1575	1720	55 x 36 x 40

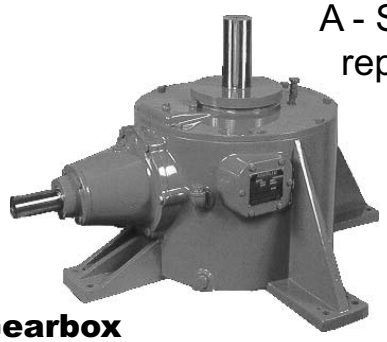
Prices in this book are subject to change. For updated pricing, please call us at (877)-243-3945 or visit us online at www.coolingtowerdepot.com

COOLING TOWER DEPOT™ The Depot of All Cooling Towers www.coolingtowerdepot.com

Copyright © 2007 Visit our web site at www.coolingtowerdepot.com for our full Terms and Conditions

Gearboxes and Parts — Amarillo A Series

A - Series Double Reduction (Choose this series to replace any Double Reduction Marley® gearbox.)





A32

Gearbox

Part No.	Part Description	Price
CTD-A32	A-Series Cooling Tower Gearbox (Double Reduction)	$16,790.40

Accessories

Not Available	Mechanical Oil Pump	
CTD-A32-EOP	Electronic Oil Pump	$1,672.00
CTD-A32-OF	Oil Filter	$589.60
CTD-A32-OHT	Oil Heater and Thermostat	$413.60
CTD-A32-PS	Pressure Switch	$598.40
CTD-A32-OLS	Oil Level Switch	$668.80
CTD-A32-NR	Non-Reverse	$1,821.60
Not Available	Low Speed Option	
CTD-A32-EB	Export Box	$338.00

Replacement Parts

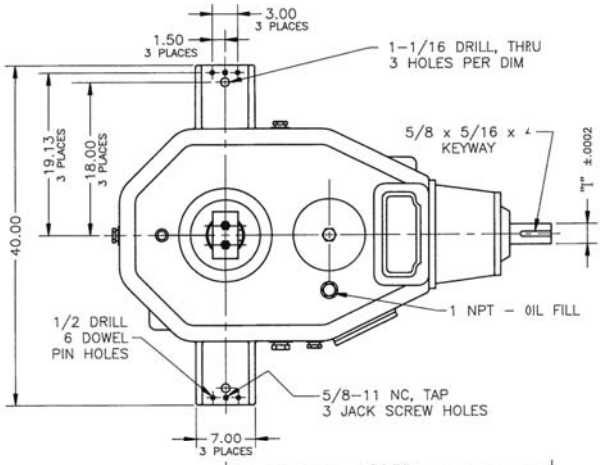
Part No.	Description	Price	Part No.	Description	Price	Part No.	Description	Price
MD3-10	Gear Case and	$4,180.00	451	Bet. Gear Spcr-Interm	$44.10	824-A32	Brg Shims-Output Shaft	$62.40
D3-12	Cover		452	Lower Gear Spcr-Output	$78.90	825-A32	Gasket Set	$9.50
MD3-11	Upper Seal Plate	$169.00	453	Lower Gear Spcr-Interm	$44.10	826-A32	Brg Shims-Interm Shaft	$62.40
MD3-15	Horiz. Carrier	$544.00	N/A	Between Helical Spcr		910-A32	Gear Key-Interm Shaft	$2.30
D3-16A	Horiz. Seal Plate	$84.20	37011	Horizontal Shaft	$672.00	911-A32	Gear Key-Horiz Shaft	$1.30
D2-18	Cover Plate	$119.00	5237	Horiz Brg Locknut Set	$60.80	7498-8	Gear Key-Output Shaft	$10.20
D3-19	Upper Brg Cover-Interm	$137.00	32025	Oil Slinger	$41.30	913-A32	Oil Slinger Key	$1.30
33018 2.4	Oil Slinger Plate	$217.00	48220/290	Upper Bearing-Output	$130.40	P1022-6	Oil Sight Gauge	$20.30
D3-21	Vertical Seal Carrier	$210.00	71750/425	Lower Bearing-Output	$193.00	AS255	Upper Brg. Cover O-ring	$3.90
D3-22	Vertical Gear Mount	$416.00	JLM710910/49	Outer Bearing-Horiz	$32.10	AS364	Vert. Seal Carr. O-ring	$4.80
L18B	Inspection Plate	$54.90	H414210/49	Inner Bearing-Horiz	$77.20	37009	Hub Retainer Plate	$41.50
100	Spiral Bevel Gears	$2,610.00	742/749	Upper Bearing-Interm	$84.90	N/A	Brg. Adjustment Plate	
398G	Helical Gears	$2,950.00	HH221410/30	Lower Bearing-Interm	$302.70	N/A	Snap Ring	
398P	Helical Pinion	$997.00	2-24370	Horiz Oil Seal Set	$22.40		Oil and Paint Net	$149.00
37008	Vertical Output Shaft	$1,080.00	2-49928	Output Shaft Seal Set	$71.60			
450	Above Gear Spcr-Interm	$44.10	M313650	Breather Plug	$11.30			

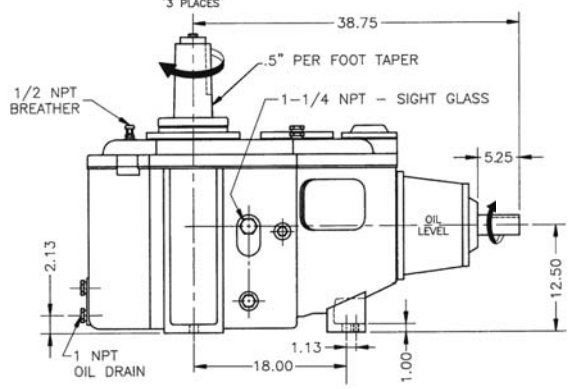
COOLING TOWER DEPOT
The Depot of All Cooling Towers
www.coolingtowerdepot.com

Free! the industries only Online Cooling Tower Design Program With Pricing. Beat That. Free!

Copyright © 2007 Visit our web site at www.coolingtowerdepot.com for our full Terms and Conditions

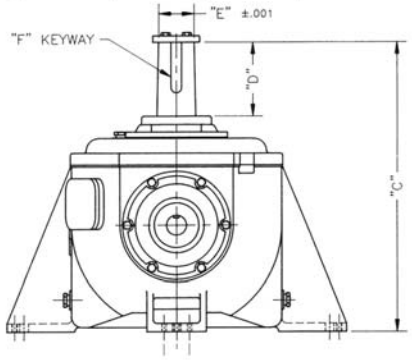
Model A34 — A36 — A38





Model No.	Input RPM	Gear Ratio	Fan RPM	Service Factor	Horsepower Rating
A34	1750	8.85	198	2.0	180
	1750	10.28	170	2.0	180
	1750	11.18	157	2.0	180
	1750	13.00	135	2.0	180
A36	1750	9.64	182	2.0	250
	1750	10.83	162	2.0	230
	1750	11.55	152	2.0	220
	1750	12.98	135	2.0	220
	1750	14.84	118	2.0	200
A38	1750	11.44	153	3.0	250

Model	"C"	"D"	"E"	"F" Keyway	"I"
A34	34.13	8.75	4.160	1¼ x ⅝ x 6	2.3750
A36	33.94	7.88	6.227	1½ x ¾ x 7	2.6250
A38	33.94	7.88	6.227	1½ x ¾ x 7	2.6250

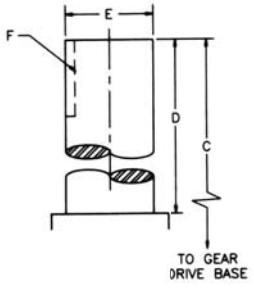


Straight Output Shaft Information

All AMARILLO "A" series right angle cooling tower drives may be furnished, **upon request**, with a cylindrical output shaft. The most common cylindrical shaft diameter is shown in the following table, however, other shaft diameters can be supplied within engineering limits. When requesting a cylindrical shaft the following information must be provided before an order can be accepted.

Model	Dia.	Model	Dia.
A20	2"	A32	4½"
A22	2⅝"	A34	5"
A27	3"	A36	5"
		A38	5"

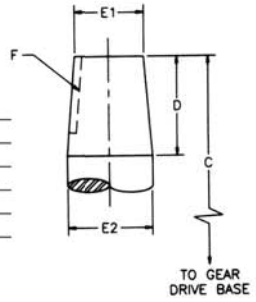
Length of shaft (D) _____
Shaft diameter (E) _____
Keyway size (F) _____
Overall Height (C) _____



Tapered Output Shaft Information

All AMARILLO "A" series right angle cooling tower drives may be furnished, **as standard**, with the tapered output shaft shown in the drawing. On rare occasions the gear drive being replaced may have a different output shaft taper. Amarillo Gear Company will provide a matching shaft when the following information (or shaft drawing) is provided. This information is required before an order can be accepted.

Length of taper (D) _____
Small end diameter (E1) _____
Large end diameter (E2) _____
Keyway size (F) _____
Keyway parallel to centerline or taper _____
Overall Height (C) _____



Weights and Shipping Dimensions

Model	Net Weight (lbs)	Weight With Export Boxing (lbs)	Export Box Dimensions (LxWxH)(in)
A32	1575	1720	55 x 36 x 40
A34	2225	2405	58 x 46 x 40
A36	2245	2425	58 x 46 x 40
A38	2300	2480	58 x 46 x 40

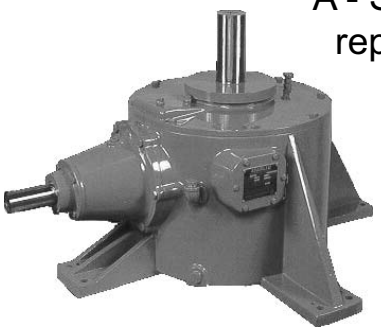
Prices in this book are subject to change. For updated pricing, please call us at (877)-243-3945 or visit us online at www.coolingtowerdepot.com

COOLING TOWER DEPOT
The Depot of All Cooling Towers
www.coolingtowerdepot.com

Copyright © 2007 Visit our web site at www.coolingtowerdepot.com for our full Terms and Conditions

Gearboxes and Parts — Amarillo A Series

A - Series Double Reduction (Choose this series to replace any Double Reduction Marley® gearbox.)





A34

Gearbox

Part No.	Part Description	Price
CTD-A34	A-Series Cooling Tower Gearbox (Double Reduction)	$23,135.20

Accessories

Not Available	Mechanical Oil Pump	
CTD-A34-EOP	Electronic Oil Pump	$1,672.00
CTD-A34-OF	Oil Filter	$589.60
CTD-A34-OHT	Oil Heater and Thermostat	$660.00
CTD-A34-PS	Pressure Switch	$598.40
CTD-A34-OLS	Oil Level Switch	$668.80
CTD-A34-NR	Non-Reverse	$1,821.60
Not Available	Low Speed Option	
CTD-A34-EB	Export Box	$442.00

Replacement Parts

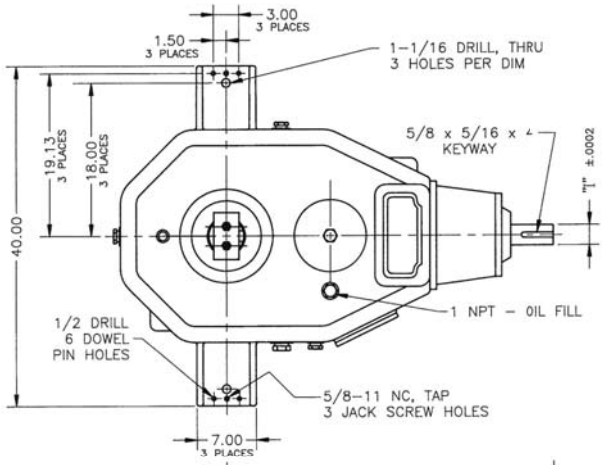
Part No.	Description	Price	Part No.	Description	Price	Part No.	Description	Price
MD3-10	Gear Case and	$6,810.00	451	Bet. Gear Spcr-Interm	$49.90	824-A32	Brg Shims-Output Shaft	$70.20
D3-12	Cover		452	Lower Gear Spcr-Output	$86.30	825-A32	Gasket Set	$11.10
MD3-11	Upper Seal Plate	$166.00	453	Lower Gear Spcr-Interm	$49.90	826-A32	Brg Shims-Interm Shaft	$70.20
MD3-15	Horiz. Carrier	$656.00	N/A	Between Helical Spcr		910-A32	Gear Key-Interm Shaft	$5.90
D3-16A	Horiz. Seal Plate	$119.00	37011	Horizontal Shaft	$738.00	911-A32	Gear Key-Horiz Shaft	$5.00
D2-18	Cover Plate	$125.00	5237	Horiz Brg Locknut Set	$136.00	7498-8	Gear Key-Output Shaft	$19.10
D3-19	Upper Brg Cover-Interm	$143.00	32025	Oil Slinger	$42.20	913-A32	Oil Slinger Key	$2.40
33018 2.4	Oil Slinger Plate	$148.00	48220/290	Upper Bearing-Output	$248.30	P1022-6	Oil Sight Gauge	$20.30
D3-21	Vertical Seal Carrier	$259.00	71750/425	Lower Bearing-Output	$380.00	AS255	Upper Brg. Cover O-ring	$11.50
D3-22	Vertical Gear Mount	$539.00	JLM710910/49	Outer Bearing-Horiz	$84.90	AS364	Vert. Seal Carr. O-ring	$12.00
L18B	Inspection Plate	$54.90	H414210/49	Inner Bearing-Horiz	$428.00	37009	Hub Retainer Plate	$41.50
100	Spiral Bevel Gears	$3,560.00	742/749	Upper Bearing-Interm	$129.40	N/A	Brg. Adjustment Plate	
398G	Helical Gears	$4,320.00	HH221410/30	Lower Bearing-Interm	$355.00	N/A	Snap Ring	
398P	Helical Pinion	$1,440.00	2-24370	Horiz Oil Seal Set	$40.20		Oil and Paint Net	$245.00
37008	Vertical Output Shaft	$2,000.00	2-49928	Output Shaft Seal Set	$100.20			
450	Above Gear Spcr-Interm	$49.90	M313650	Breather Plug	$11.30			

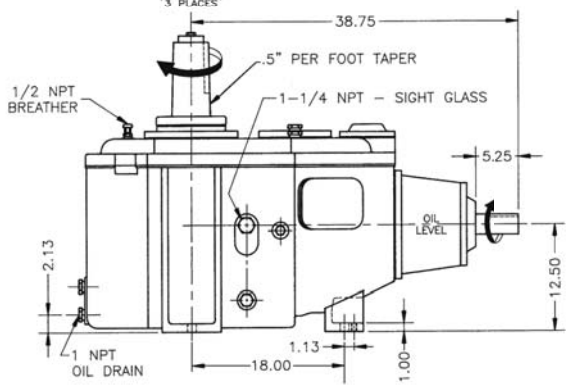
COOLING TOWER DEPOT
The Depot of All Cooling Towers
www.coolingtowerdepot.com

Free! the industries only Online Cooling Tower Design Program With Pricing. Beat That. Free!

Copyright © 2007 Visit our web site at www.coolingtowerdepot.com for our full Terms and Conditions

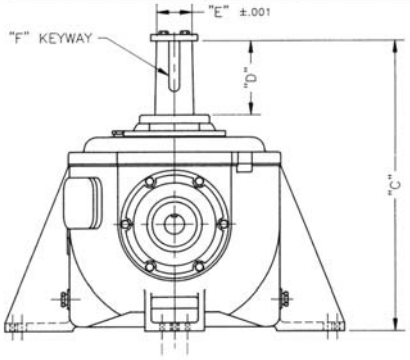
Model A34 — A36 — A38





Model No.	Input RPM	Gear Ratio	Fan RPM	Service Factor	Horsepower Rating
A34	1750	8.85	198	2.0	180
	1750	10.28	170	2.0	180
	1750	11.18	157	2.0	180
	1750	13.00	135	2.0	180
A36	1750	9.64	182	2.0	250
	1750	10.83	162	2.0	230
	1750	11.55	152	2.0	220
	1750	12.98	135	2.0	220
	1750	14.84	118	2.0	200
A38	1750	11.44	153	3.0	250

Model	"C"	"D"	"E"	"F" Keyway	"I"
A34	34.13	8.75	4.160	1¼ x ⅝ x 6	2.3750
A36	33.94	7.88	6.227	1½ x ¾ x 7	2.6250
A38	33.94	7.88	6.227	1½ x ¾ x 7	2.6250

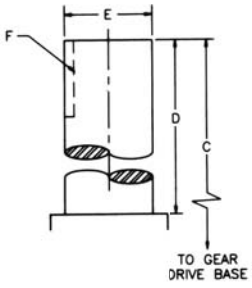


Straight Output Shaft Information

All AMARILLO "A" series right angle cooling tower drives may be furnished, **upon request**, with a cylindrical output shaft. The most common cylindrical shaft diameter is shown in the following table, however, other shaft diameters can be supplied within engineering limits. When requesting a cylindrical shaft the following information must be provided before an order can be accepted.

Model	Dia.	Model	Dia.
A20	2"	A32	4½"
A22	2⅝"	A34	5"
A27	3"	A36	5"
		A38	5"

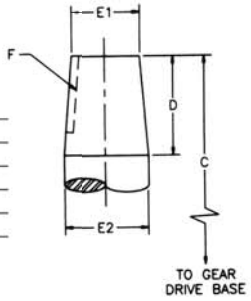
Length of shaft (D) _____
Shaft diameter (E) _____
Keyway size (F) _____
Overall Height (C) _____



Tapered Output Shaft Information

All AMARILLO "A" series right angle cooling tower drives may be furnished, **as standard**, with the tapered output shaft shown in the drawing. On rare occasions the gear drive being replaced may have a different output shaft taper. Amarillo Gear Company will provide a matching shaft when the following information (or shaft drawing) is provided. This information is required before an order can be accepted.

Length of taper (D) _____
Small end diameter (E1) _____
Large end diameter (E2) _____
Keyway size (F) _____
Keyway parallel to centerline or taper _____
Overall Height (C) _____



Weights and Shipping Dimensions

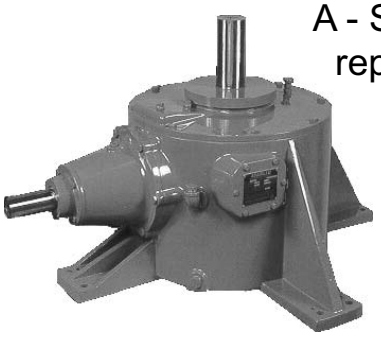
Model	Net Weight (lbs)	Weight With Export Boxing (lbs)	Export Box Dimensions (LxWxH)(in)
A32	1575	1720	55 x 36 x 40
A34	2225	2405	58 x 46 x 40
A36	2245	2425	58 x 46 x 40
A38	2300	2480	58 x 46 x 40

Prices in this book are subject to change. For updated pricing, please call us at (877)-243-3945 or visit us online at www.coolingtowerdepot.com

COOLING TOWER DEPOT
The Depot of All Cooling Towers
www.coolingtowerdepot.com

Copyright © 2007 Visit our web site at www.coolingtowerdepot.com for our full Terms and Conditions

Gearboxes and Parts — Amarillo A Series



A - Series Double Reduction (Choose this series to replace any Double Reduction Marley® gearbox.)



A36

Gearbox

Part No.	Part Description	Price
CTD-A36	A-Series Cooling Tower Gearbox (Double Reduction)	$27,412.00

Accessories

Not Available	Mechanical Oil Pump	
CTD-A36-EOP	Electronic Oil Pump	$1,672.00
CTD-A36-OF	Oil Filter	$589.60
CTD-A36-OHT	Oil Heater and Thermostat	$660.00
CTD-A36-PS	Pressure Switch	$598.40
CTD-A36-OLS	Oil Level Switch	$668.80
CTD-A36-NR	Non-Reverse	$1,821.60
Not Available	Low Speed Option	
CTD-A36-EB	Export Box	$442.00

Replacement Parts

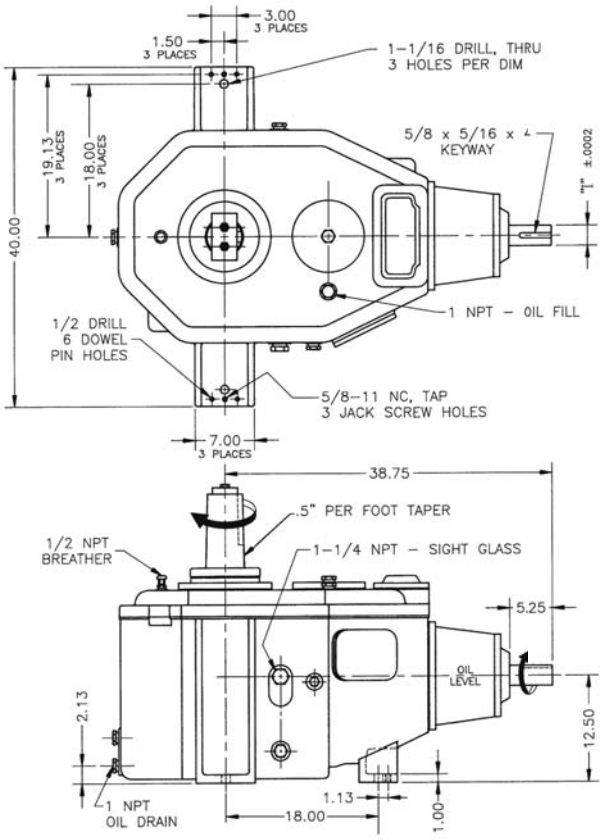
Part No.	Description	Price	Part No.	Description	Price	Part No.	Description	Price
MD3-10	Gear Case and	$6,810.00	451	Bet. Gear Spcr-Interm	$49.90	824-A32	Brg Shims-Output Shaft	$70.20
D3-12	Cover		452	Lower Gear Spcr-Output	$86.30	825-A32	Gasket Set	$11.10
MD3-11	Upper Seal Plate	$472.00	453	Lower Gear Spcr-Interm	$49.90	826-A32	Brg Shims-Interm Shaft	$70.20
MD3-15	Horiz. Carrier	$656.00	N/A	Between Helical Spcr	$218.00	910-A32	Gear Key-Interm Shaft	$5.90
D3-16A	Horiz. Seal Plate	$119.00	37011	Horizontal Shaft	$1,007.00	911-A32	Gear Key-Horiz Shaft	$5.00
D2-18	Cover Plate	$125.00	5237	Horiz Brg Locknut Set	$136.00	7498-8	Gear Key-Output Shaft	$19.10
D3-19	Upper Brg Cover-Interm	$143.00	32025	Oil Slinger	$42.20	913-A32	Oil Slinger Key	$2.40
33018 2.4	Oil Slinger Plate	$148.00	48220/290	Upper Bearing-Output	$248.30	P1022-6	Oil Sight Gauge	$20.30
D3-21	Vertical Seal Carrier	$642.00	71750/425	Lower Bearing-Output	$380.00	AS255	Upper Brg. Cover O-ring	$11.50
D3-22	Vertical Gear Mount	$539.00	JLM710910/49	Outer Bearing-Horiz	$84.90	AS364	Vert. Seal Carr. O-ring	$16.00
L18B	Inspection Plate	$54.90	H414210/49	Inner Bearing-Horiz	$428.00	37009	Hub Retainer Plate	$213.00
100	Spiral Bevel Gears	$3,560.00	742/749	Upper Bearing-Interm	$129.40	N/A	Brg. Adjustment Plate	$342.00
398G	Helical Gears	$4,320.00	HH221410/30	Lower Bearing-Interm	$355.00	N/A	Snap Ring	$69.40
398P	Helical Pinion	$1,440.00	2-24370	Horiz Oil Seal Set	$40.20		Oil and Paint Net	$245.00
37008	Vertical Output Shaft	$2,000.00	2-49928	Output Shaft Seal Set	$138.20			
450	Above Gear Spcr-Interm	$49.90	M313650	Breather Plug	$11.30			

COOLING TOWER DEPOT
The Depot of All Cooling Towers
www.coolingtowerdepot.com

Free! the industries only Online Cooling Tower Design Program With Pricing. Beat That. Free!

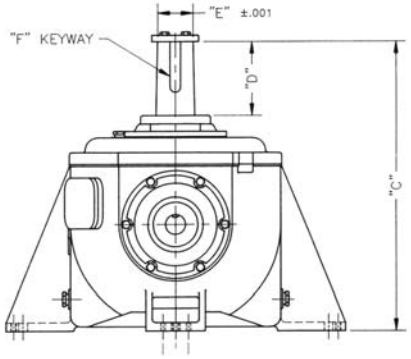
Copyright © 2007 Visit our web site at www.coolingtowerdepot.com for our full Terms and Conditions

Model A34 — A36 — A38



Model No.	Input RPM	Gear Ratio	Fan RPM	Service Factor	Horsepower Rating
A34	1750	8.85	198	2.0	180
	1750	10.28	170	2.0	180
	1750	11.18	157	2.0	180
	1750	13.00	135	2.0	180
A36	1750	9.64	182	2.0	250
	1750	10.83	162	2.0	230
	1750	11.55	152	2.0	220
	1750	12.98	135	2.0	220
	1750	14.84	118	2.0	200
A38	1750	11.44	153	3.0	250

Model	"C"	"D"	"E"	"F" Keyway	"I"
A34	34.13	8.75	4.160	1¼ x ⅝ x 6	2.3750
A36	33.94	7.88	6.227	1½ x ¾ x 7	2.6250
A38	33.94	7.88	6.227	1½ x ¾ x 7	2.6250

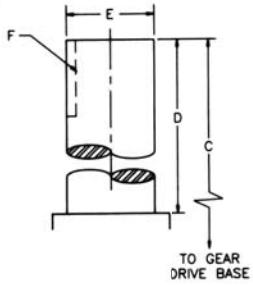


Straight Output Shaft Information

All AMARILLO "A" series right angle cooling tower drives may be furnished, **upon request**, with a cylindrical output shaft. The most common cylindrical shaft diameter is shown in the following table, however, other shaft diameters can be supplied within engineering limits. When requesting a cylindrical shaft the following information must be provided before an order can be accepted.

Model	Dia.	Model	Dia.
A20	2"	A32	4½"
A22	2⅝"	A34	5"
A27	3"	A36	5"
		A38	5"

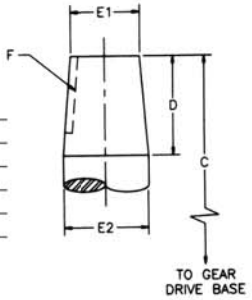
Length of shaft (D) _____
Shaft diameter (E) _____
Keyway size (F) _____
Overall Height (C) _____



Tapered Output Shaft Information

All AMARILLO "A" series right angle cooling tower drives may be furnished, **as standard**, with the tapered output shaft shown in the drawing. On rare occasions the gear drive being replaced may have a different output shaft taper. Amarillo Gear Company will provide a matching shaft when the following information (or shaft drawing) is provided. This information is required before an order can be accepted.

Length of taper (D) _____
Small end diameter (E1) _____
Large end diameter (E2) _____
Keyway size (F) _____
Keyway parallel to centerline or taper _____
Overall Height (C) _____



Weights and Shipping Dimensions

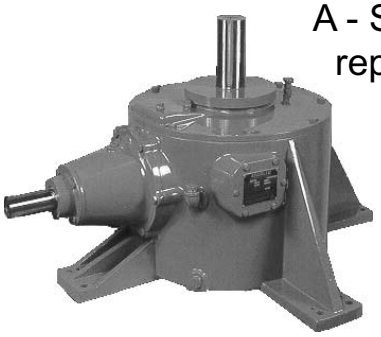
Model	Net Weight (lbs)	Weight With Export Boxing (lbs)	Export Box Dimensions (LxWxH)(in)
A32	1575	1720	55 x 36 x 40
A34	2225	2405	58 x 46 x 40
A36	2245	2425	58 x 46 x 40
A38	2300	2480	58 x 46 x 40

Prices in this book are subject to change. For updated pricing, please call us at (877)-243-3945 or visit us online at www.coolingtowerdepot.com

COOLING TOWER DEPOT
The Depot of All Cooling Towers
www.coolingtowerdepot.com

Copyright © 2007 Visit our web site at www.coolingtowerdepot.com for our full Terms and Conditions

Gearboxes and Parts — Amarillo A Series



A - Series Double Reduction (Choose this series to replace any Double Reduction Marley® gearbox.)



A38

Gearbox

Part No.	Part Description	Price
CTD-A38	A-Series Cooling Tower Gearbox (Double Reduction)	$30,025.60

Accessories

Not Available	Mechanical Oil Pump	
CTD-A38-EOP	Electronic Oil Pump	$1,672.00
CTD-A38-OF	Oil Filter	$572.06
CTD-A38-OHT	Oil Heater and Thermostat	$660.00
CTD-A38-PS	Pressure Switch	$598.40
CTD-A38-OLS	Oil Level Switch	$668.80
CTD-A38-NR	Non-Reverse	$1,821.60
Not Available	Low Speed Option	
CTD-A38-EB	Export Box	$442.00

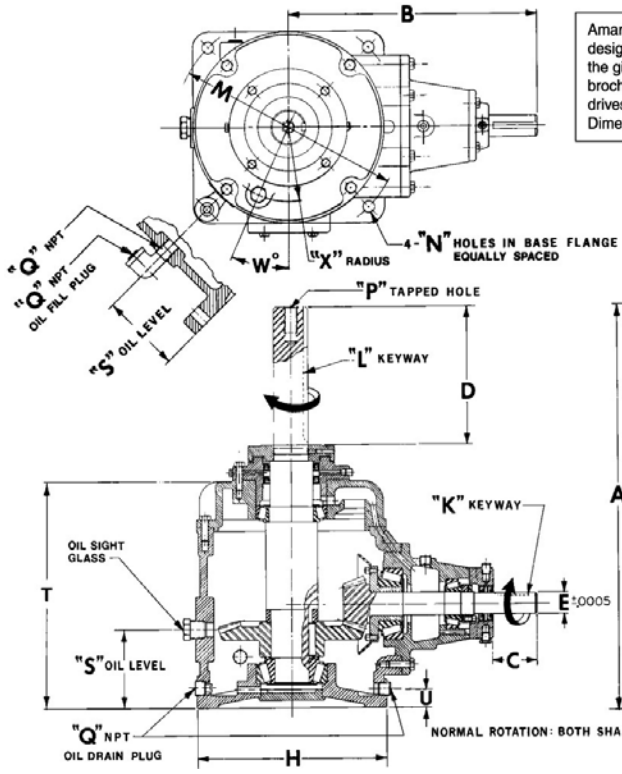
Replacement Parts

Part No.	Description	Price	Part No.	Description	Price	Part No.	Description	Price
MD3-10	Gear Case and	$6,810.00	451	Bet. Gear Spcr-Interm	$49.90	824-A32	Brg Shims-Output Shaft	$70.20
D3-12	Cover		452	Lower Gear Spcr-Output	$86.30	825-A32	Gasket Set	$11.10
MD3-11	Upper Seal Plate	$472.00	453	Lower Gear Spcr-Interm	$49.90	826-A32	Brg Shims-Interm Shaft	$70.20
MD3-15	Horiz. Carrier	$656.00	N/A	Between Helical Spcr	$218.00	910-A32	Gear Key-Interm Shaft	$5.90
D3-16A	Horiz. Seal Plate	$119.00	37011	Horizontal Shaft	$1,007.00	911-A32	Gear Key-Horiz Shaft	$5.00
D2-18	Cover Plate	$125.00	5237	Horiz Brg Locknut Set	$136.00	7498-8	Gear Key-Output Shaft	$19.10
D3-19	Upper Brg Cover-Interm	$143.00	32025	Oil Slinger	$42.20	913-A32	Oil Slinger Key	$2.40
33018 2.4	Oil Slinger Plate	$148.00	48220/290	Upper Bearing-Output	$248.30	P1022-6	Oil Sight Gauge	$20.30
D3-21	Vertical Seal Carrier	$642.00	71750/425	Lower Bearing-Output	$380.00	AS255	Upper Brg. Cover O-ring	$11.50
D3-22	Vertical Gear Mount	$539.00	JLM710910/49	Outer Bearing-Horiz	$84.90	AS364	Vert. Seal Carr. O-ring	$16.00
L18B	Inspection Plate	$54.90	H414210/49	Inner Bearing-Horiz	$428.00	37009	Hub Retainer Plate	$213.00
100	Spiral Bevel Gears	$3,560.00	742/749	Upper Bearing-Interm	$129.40	N/A	Brg. Adjustment Plate	$342.00
398G	Helical Gears	$4,320.00	HH221410/30	Lower Bearing-Interm	$355.00	N/A	Snap Ring	$69.40
398P	Helical Pinion	$1,440.00	2-24370	Horiz Oil Seal Set	$40.20		Oil and Paint Net	$245.00
37008	Vertical Output Shaft	$2,000.00	2-49928	Output Shaft Seal Set	$138.20			
450	Above Gear Spcr-Interm	$49.90	M313650	Breather Plug	$11.30			

COOLING TOWER DEPOT
The Depot of All Cooling Towers
www.coolingtowerdepot.com
Free! the industries only Online Cooling Tower Design Program With Pricing. Beat That. Free!

Copyright © 2007 Visit our web site at www.coolingtowerdepot.com for our full Terms and Conditions

65 Single Reduction



Amarillo Gear Company reserves the right to make design modifications to our gear drives that may change the given dimensions. The dimensions shown in this brochure may not exactly reflect the dimensions of gear drives currently being offered. Request a Certified Dimension Print for construction use.

A	B	C	C with non-reverse	D	E	F	G	H	J	K	L	M	N
17 3/4	10 7/8	2 1/4	2 1/4	6	0.999	1.749	5	10	5/8	1/4 x 1/8	3/8 X 3/16	9 1/8	13/16

P	Q	R	S	T	U	W	X	WEIGHT
3/4 -1ONC	½	½	5	9 ½	7/8	15	3 ¼	90

Exact Ratio

2	2.5	3	3.3	3.5	3.8	4	4.3	4.5	4.8	5	5.5	6	6.5	7	7.5	8	8.5	9	9.5
2.00	2.47	2.94	3.27	3.54		3.92		4.55		4.90									

Domestic Shipping. Weight (lbs)	Weight with Export Boxing (lbs)	Export Box Dimensions (L, x W x H) (in)	Vertical Shaft Down Thrust Capacity (pounds)	1500	Thrust ratings vary greatly depending upon the transmitted power and the vertical shaft speed. The rating to the left are the axial loads that can be applied the fan shaft which will always result in a calculated bearing life greater than 100,000 hours. These ratings are based on the worse case from the power rating tables. All models can be supplied with larger thrust bearings or special bearing arrangements. Contact us when the fan loading conditions or the bearing life requirements cannot be satisfied with the ratings from the table.
100	135	22 x 14 x 21			

Service Horsepower Ratings (Service Factor =2.0)

RATIO*

Input RPM	2	2.5	3	3.3	3.5	3.8	4	4.3	4.5	4.8	5	5.5	6	6.5	7	7.5	8	8.5	9	9.5
1750	25	25	20	18	17		15		12		10									
1450	21	21	17	15	14		12		10		8									
1160	17	17	13	12	11		10		8		7									

*Choose models & Ratios in outlined area for standard price and delivery. Contact us for all others.

Prices in this book are subject to change. For updated pricing, please call us at (877)-243-3945 or visit us online at www.coolingtowerdepot.com

COOLING TOWER DEPOT The Depot of All Cooling Towers www.coolingtowerdepot.com

Copyright © 2007 Visit our web site at www.coolingtowerdepot.com for our full Terms and Conditions

Amarillo Single Reduction Gearboxes





65

Gearbox

Part No.	Part Description	Price
CTD-65	Amarillo Single Reduction Gearbox	$1,504.80

Accessories

Not Available	Mechanical Oil Pump	N/A
Not Available	Oil Filter	N/A
CTD-65-OHT	Oil Heater and Thermostat	$404.85
Not Available	Pressure Switch	N/A
CTD-65-OLS	Oil Level Switch	$580.00
CTD-65-NR	Non-Reverse	$530.00
CTD-65-LSO	Low Speed Option	$330.00
CTD-65-EB	Export Box	$40.50

Replacement Parts

Part No.	Description	Price	Part No.	Description	Price	Part No.	Description	Price
F1-10	Gear Case	$398.00	450-65	Above Gear Spacer	$25.10	M 313650	Breather Plug	$12.20
F1-11	Upper Seal Plate	$101.00	451-65	Under Gear Spacer	$25.10	824-65	Vertical Shim Set	$6.50
F1-12	Vertical Carrier	$205.00	2-N06/1-W06	Horiz Locknut Set	$7.80	825-65	Gasket Set-Complete	$7.40
F1-15A	Horizontal Carrier	$167.00	21010	Oil Slinger	$26.50	PP .375SQ	Oil Drain Plug	$0.30
F1-16A	Horizontal Seal Plate	$63.30	JLM104910/48	Vert Upper Bearing	$20.70	MK 7498-1	Gear Key	$10.10
F2-17B	Bottom Plug	$23.00	55437/187C	Vert Lower Bearing	$58.10	P1030-3	Oil Level Sight Gauge	$12.80
F1-18	Inspection Plate	$30.50	M86610/49	Horiz Outer Bearing	$21.00	100	Spiral Bevel Gear Set	$813.00
F1-20A	Bearing Bushing	$69.50	HM88610/48	Horiz Inner Bearing	$20.70		2.5:1 through 5:1 Ratio	
F1-21	Vert Seal Carrier	$110.00	2-350414	Horiz Seal Set	$11.80	100	Spiral Bevel Gear Set	$842.00
21035	Output Shaft	$228.00	2-450279	Vertical Seal Set	$34.80	---	Labor Net	$317.00
N/A	Gear Mount		3/4" X 1-1/4"	Eye Bolt	$12.10	---	Oil and Paint Net	$28.00

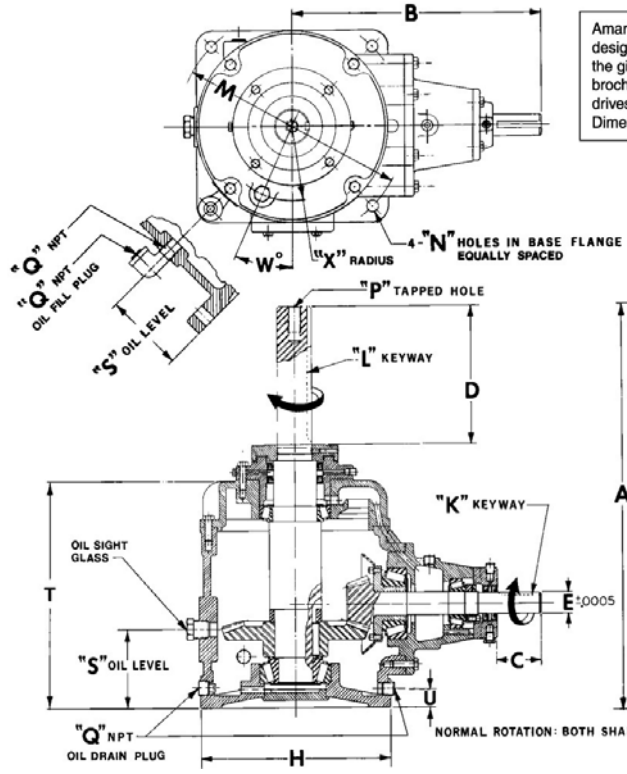
For a complete list of dimensions and specifics please visit page 120

COOLING TOWER DEPOT
The Depot of All Cooling Towers
www.coolingtowerdepot.com

Free! the industries only Online Cooling Tower Design Program With Pricing. Beat That. Free!

Copyright © 2007 Visit our web site at www.coolingtowerdepot.com for our full Terms and Conditions

85 Single Reduction



Amarillo Gear Company reserves the right to make design modifications to our gear drives that may change the given dimensions. The dimensions shown in this brochure may not exactly reflect the dimensions of gear drives currently being offered. Request a Certified Dimension Print for construction use.

A	B	C	C with non-reverse	D	E	F	G	H	J	K	L	M	N
23 1/4	14 1/4	21 11/16	1 13/32	8	1.249	1.999	6	11	1	5/16 X 5/32	1/2 x 1/4	13	13/16

P	Q	R	S	T	U	W	X	WEIGHT
3/4 -1ONC	½	½	4 9/16	13 1/4	1 3/16	0	4 5/16	195

Exact Ratio

2	2.5	3	3.3	3.5	3.8	4	4.3	4.5	4.8	5	5.5	6	6.5	7	7.5	8	8.5	9	9.5
2.05	2.56	3.00	3.23	3.50	3.75	4.00	4.27	4.55	4.70	5.00	5.56	6.00	6.56	7.00					

Domestic Shipping. Weight (lbs)	Weight with Export Boxing (lbs)	Export Box Dimensions (L, x W x H) (in)	Vertical Shaft Down Thrust Capacity (pounds)	1750	Thrust ratings vary greatly depending upon the transmitted power and the vertical shaft speed. The rating to the left are the axial loads that can be applied the fan shaft which will always result in a calculated bearing life greater than 100,000 hours. These ratings are based on the worse case from the power rating tables. All models can be supplied with larger thrust bearings or special bearing arrangements. Contact us when the fan loading conditions or the bearing life requirements cannot be satisfied with the ratings from the table.
215	245	27 x 15 x 27			

Service Horsepower Ratings (Service Factor =2.0)

RATIO*

Input RPM	2	2.5	3	3.3	3.5	3.8	4	4.3	4.5	4.8	5	5.5	6	6.5	7	7.5	8	8.5	9	9.5
1750	50	48	45	43	39	36	33	32	28	27	25	20	18	15	15					
1450	41	40	37	36	32	30	27	26	23	22	21	17	15	12	12					
1160	33	32	30	29	26	24	22	21	19	18	17	13	12	10	10					

*Choose models & Ratios in outlined area for standard price and delivery. Contact us for all others.

Prices in this book are subject to change. For updated pricing, please call us at (877)-243-3945 or visit us online at www.coolingtowerdepot.com

COOLING TOWER DEPOT The Depot of All Cooling Towers www.coolingtowerdepot.com

Copyright © 2007 Visit our web site at www.coolingtowerdepot.com for our full Terms and Conditions

Amarillo Single Reduction Gearboxes





85

Gearbox

Part No.	Part Description	Price
CTD-85	Amarillo Single Reduction Gearbox	$1,927.20

Accessories

Not Available	Mechanical Oil Pump	N/A
Not Available	Oil Filter	N/A
CTD-85-OHT	Oil Heater and Thermostat	$500.00
Not Available	Pressure Switch	N/A
CTD-85-OLS	Oil Level Switch	$580.00
CTD-85-NR	Non-Reverse	$1230.00
CTD-85-LSO	Low Speed Option	$390.00
CTD-85-EB	Export Box	$45.00

Replacement Parts

Part No.	Description	Price	Part No.	Description	Price	Part No.	Description	Price
F1-10	Gear Case	$515.00	450-65	Above Gear Spacer	$17.30	M 313650	Breather Plug	$12.20
F1-11	Upper Seal Plate	$66.20	451-65	Under Gear Spacer	$17.30	824-65	Vertical Shim Set	$31.00
F1-12	Vertical Carrier	$217.00	2-N06/1-W06	Horiz Locknut Set	$29.30	825-65	Gasket Set-Complete	$8.00
F1-15A	Horizontal Carrier	$173.00	21010	Oil Slinger	$29.30	PP .375SQ	Oil Drain Plug	$0.40
F1-16A	Horizontal Seal Plate	$27.70	JLM104910/48	Vert Upper Bearing	$48.50	MK 7498-1	Gear Key	$4.00
F2-17B	Bottom Plug	$23.00	55437/187C	Vert Lower Bearing	$65.70	P1030-3	Oil Level Sight Gauge	$10.40
F1-18	Inspection Plate	$26.30	M86610/49	Horiz Outer Bearing	$24.20	100	Spiral Bevel Gear Set	$885.00
F1-20A	Bearing Bushing	$65.60	HM88610/48	Horiz Inner Bearing	$65.70		3:1 through 7:1 Ratio	
F1-21	Vert Seal Carrier	$110.00	2-350414	Horiz Seal Set	$12.80	100	Spiral Bevel Gear Set	$935.00
21035	Output Shaft	$253.00	2-450279	Vertical Seal Set	$21.40	---	Labor Net	$334.00
N/A	Gear Mount		3/4" X 1-1/4"	Eye Bolt	$12.10	---	Oil and Paint Net	$28.00

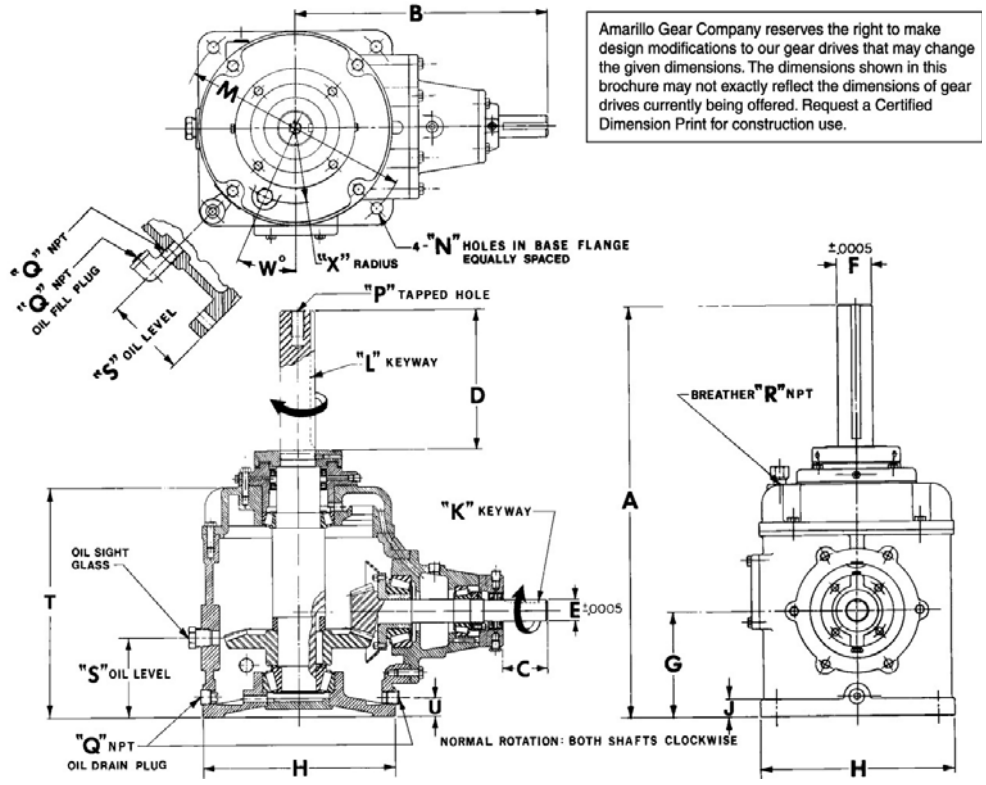
For a complete list of dimensions and specifics please visit page 120.

COOLING TOWER DEPOT
The Depot of All Cooling Towers
www.coolingtowerdepot.com

Free! the industries only Online Cooling Tower Design Program With Pricing. Beat That. Free!

Copyright © 2007 Visit our web site at www.coolingtowerdepot.com for our full Terms and Conditions

110 Single Reduction



Amarillo Gear Company reserves the right to make design modifications to our gear drives that may change the given dimensions. The dimensions shown in this brochure may not exactly reflect the dimensions of gear drives currently being offered. Request a Certified Dimension Print for construction use.

A	B	C	C with non-reverse	D	E	F	G	H	J	K	L	M	N
26 1/2	17 5/8	3 5/16	2 1/16	8 1/2	1.499	2.374	7	13 1/2	1 1/8	3/8 X 3/16	5/8 X 5/16	16	13/16

P	Q	R	S	T	U	W	X	WEIGHT
3/4 -1ONC	3/4	½	5 1/2	15 5/8	1 7/16	0	4 5/8	325

Exact Ratio

2	2.5	3	3.3	3.5	3.8	4	4.3	4.5	4.8	5	5.5	6	6.5	7	7.5	8	8.5	9	9.5
				3.46	3.77	4.00	4.25	4.45	4.73	5.00	5.50	6.00	6.56	7.00	7.50	8.00			

Domestic Shipping. Weight (lbs)	Weight with Export Boxing (lbs)	Export Box Dimensions (L, x W x H) (in)	Vertical Shaft Down Thrust Capacity (pounds)	2650	Thrust ratings vary greatly depending upon the transmitted power and the vertical shaft speed. The rating to the left are the axial loads that can be applied the fan shaft which will always result in a calculated bearing life greater than 100,000 hours. These ratings are based on the worse case from the power rating tables. All models can be supplied with larger thrust bearings or special bearing arrangements. Contact us when the fan loading conditions or the bearing life requirements cannot be satisfied with the ratings from the table.
350	395	29 x 19 x 34			

Service Horsepower Ratings (Service Factor =2.0)

RATIO*

Input RPM	2	2.5	3	3.3	3.5	3.8	4	4.3	4.5	4.8	5	5.5	6	6.5	7	7.5	8	8.5	9	9.5
1750					75	74	72	71	69	64	60	46	40	33	30	25	24			
1450					62	61	60	59	57	53	50	38	33	27	25	21	20			
1160					50	49	48	47	46	42	40	30	27	22	20	17	16			

*Choose models & Ratios in outlined area for standard price and delivery. Contact us for all others.

Prices in this book are subject to change. For updated pricing, please call us at (877)-243-3945 or visit us online at www.coolingtowerdepot.com

COOLING TOWER DEPOT The Depot of All Cooling Towers www.coolingtowerdepot.com

Copyright © 2007 Visit our web site at www.coolingtowerdepot.com for our full Terms and Conditions

Amarillo Single Reduction Gearboxes





110

Gearbox

Part No.	Part Description	Price
CTD-110	Amarillo Single Reduction Gearbox	$2,640.00

Accessories

Not Available	Mechanical Oil Pump	N/A
Not Available	Oil Filter	N/A
CTD-110-OHT	Oil Heater and Thermostat	$500.00
Not Available	Pressure Switch	N/A
CTD-110-OLS	Oil Level Switch	$580.00
CTD-110-NR	Non-Reverse	$1230.00
CTD-110-LSO	Low Speed Option	$390.00
CTD-110-EB	Export Box	$55.00

Replacement Parts

Part No.	Description	Price	Part No.	Description	Price	Part No.	Description	Price
F3-10A	Gear Case	$721.00	450-110	Above Gear Spacer	$20.70	M 313650	Breather Plug	$12.20
F3-11	Upper Seal Plate	$71.60	451-110	Under Gear Spacer	$20.70	824-110	Vertical Shim Set	$31.00
F3-12	Vertical Carrier	$289.00	2230	Horiz Locknut Set	$30.20	825-110	Gasket Set-Complete	$8.90
F3-15A	Horizontal Carrier	$184.00	23008	Oil Slinger	$32.20	PP .75HX	Oil Drain Plug	$2.20
F3-16A	Horizontal Seal Plate	$39.90	LM814810/49	Vert Upper Bearing	$55.40	MK 7498-3	Gear Key	$6.60
F4-17	Bottom Plug	$25.50	H715311/45	Vert Lower Bearing	$104.70	P1030-4	Oil Level Sight Gauge	$10.40
E-18	Inspection Plate	$16.30	332/6	Horiz Outer Bearing	$43.20	100	Spiral Bevel Gear Set	$1280.00
F3-20	Bearing Bushing	$71.50	H913810/42	Horiz Inner Bearing	$162.80		3.75:1 through 8:1 Ratio	
F4-21	Vert Seal Carrier	$119.00	2-473228	Horiz Seal Set	$14.00	100	Spiral Bevel Gear Set	$1330.00
23009	Output Shaft	$419.00	2-417349	Vertical Seal Set	$28.20	---	Labor Net	$392.00
N/A	Gear Mount		3/4" X 1-1/4"	Eye Bolt	$12.10	---	Oil and Paint Net	$37.00

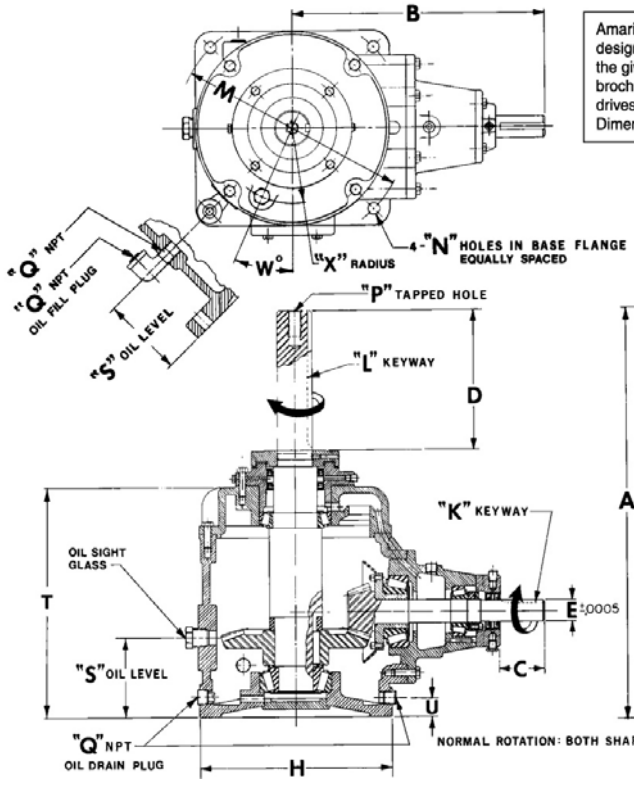
For a complete list of dimensions and specifics please visit page 120.

COOLING TOWER DEPOT
The Depot of All Cooling Towers
www.coolingtowerdepot.com

Free! the industries only Online Cooling Tower Design Program With Pricing. Beat That. Free!

Copyright © 2007 Visit our web site at www.coolingtowerdepot.com for our full Terms and Conditions

135 Single Reduction



Amarillo Gear Company reserves the right to make design modifications to our gear drives that may change the given dimensions. The dimensions shown in this brochure may not exactly reflect the dimensions of gear drives currently being offered. Request a Certified Dimension Print for construction use.

A	B	C	C with non-reverse	D	E	F	G	H	J	K	L	M	N
29 5/8	21	3 3/4	2 5/16	9	1.874	2.624	8	16	1 1/4	3/8 X 3/16	5/8 X 5/16	20	13/16

P	Q	R	S	T	U	W	X	WEIGHT
3/4 -1ONC	3/4	½	6	18 1/8	1 3/8	54	5	500

Exact Ratio

2	2.5	3	3.3	3.5	3.8	4	4.3	4.5	4.8	5	5.5	6	6.5	7	7.5	8	8.5	9	9.5
				3.50	3.73	4.00	4.25	4.50	4.73	5.00	5.50	6.00	6.56	7.00	7.50	8.00	8.57	9.00	

Domestic Shipping. Weight (lbs)	Weight with Export Boxing (lbs)	Export Box Dimensions (L, x W x H) (in)	Vertical Shaft Down Thrust Capacity (pounds)	2500	Thrust ratings vary greatly depending upon the transmitted power and the vertical shaft speed. The rating to the left are the axial loads that can be applied the fan shaft which will always result in a calculated bearing life greater than 100,000 hours. These ratings are based on the worse case from the power rating tables. All models can be supplied with larger thrust bearings or special bearing arrangements. Contact us when the fan loading conditions or the bearing life requirements cannot be satisfied with the ratings from the table.
530	550	36 x 23 x 34			

Service Horsepower Ratings (Service Factor =2.0)

RATIO*

Input RPM	2	2.5	3	3.3	3.5	3.8	4	4.3	4.5	4.8	5	5.5	6	6.5	7	7.5	8	8.5	9	9.5
1750					120	117	110	100	93	88	83	71	65	59	48	43	42	35	30	
1450					99	97	91	83	77	73	69	59	54	49	40	36	35	29	25	
1160					80	78	73	66	62	58	55	47	43	39	32	29	28	23	20	

*Choose models & Ratios in outlined area for standard price and delivery. Contact us for all others.

Prices in this book are subject to change. For updated pricing, please call us at (877)-243-3945 or visit us online at www.coolingtowerdepot.com

COOLING TOWER DEPOT The Depot of All Cooling Towers www.coolingtowerdepot.com

Copyright © 2007 Visit our web site at www.coolingtowerdepot.com for our full Terms and Conditions

Amarillo Single Reduction Gearboxes





135

Gearbox

Part No.	Part Description	Price
CTD-135	Amarillo Single Reduction Gearbox	$3,484.80

Accessories

Not Available	Mechanical Oil Pump	N/A
Not Available	Oil Filter	N/A
CTD-135-OHT	Oil Heater and Thermostat	$500.00
Not Available	Pressure Switch	N/A
CTD-135-OLS	Oil Level Switch	$580.00
CTD-135-NR	Non-Reverse	$1230.00
CTD-135-LSO	Low Speed Option	$430.00
CTD-135-EB	Export Box	$65.00

Replacement Parts

Part No.	Description	Price	Part No.	Description	Price	Part No.	Description	Price
F4-10A	Gear Case	$958.00	450-135	Above Gear Spacer	$22.10	M 313650	Breather Plug	$12.20
F4-11	Upper Seal Plate	$75.80	451-135	Under Gear Spacer	$22.10	824-135	Vertical Shim Set	$31.40
F4-12	Vertical Carrier	$347.00	3268	Horiz Locknut Set	$44.50	825-135	Gasket Set-Complete	$9.00
F4-15B	Horizontal Carrier	$363.00	24008	Oil Slinger	$40.20	PP .75HX	Oil Drain Plug	$2.20
F4-16A	Horizontal Seal Plate	$48.10	LM814810/49	Vert Upper Bearing	$55.40	MK 7498-4	Gear Key	$5.10
F4-17	Bottom Plug	$25.50	H715311/45	Vert Lower Bearing	$104.70	P1030-4	Oil Level Sight Gauge	$10.40
E-18	Inspection Plate	$16.30	JM205110/49	Horiz Outer Bearing	$40.10	100	Spiral Bevel Gear Set	$1600.00
F4-20	Bearing Bushing	$120.00	HH814510/47	Horiz Inner Bearing	$353.20		4:1 through 8:1 Ratio	
F4-21	Vert Seal Carrier	$119.00	2-473238	Horiz Seal Set	$20.20	100	Spiral Bevel Gear Set	1680.00
24009	Output Shaft	$476.00	2-417349	Vertical Seal Set	$28.20	---	Labor Net	$438.00
F4-22	Gear Mount	$207.00	3/4" X 1-1/4"	Eye Bolt	$12.10	---	Oil and Paint Net	$49.00

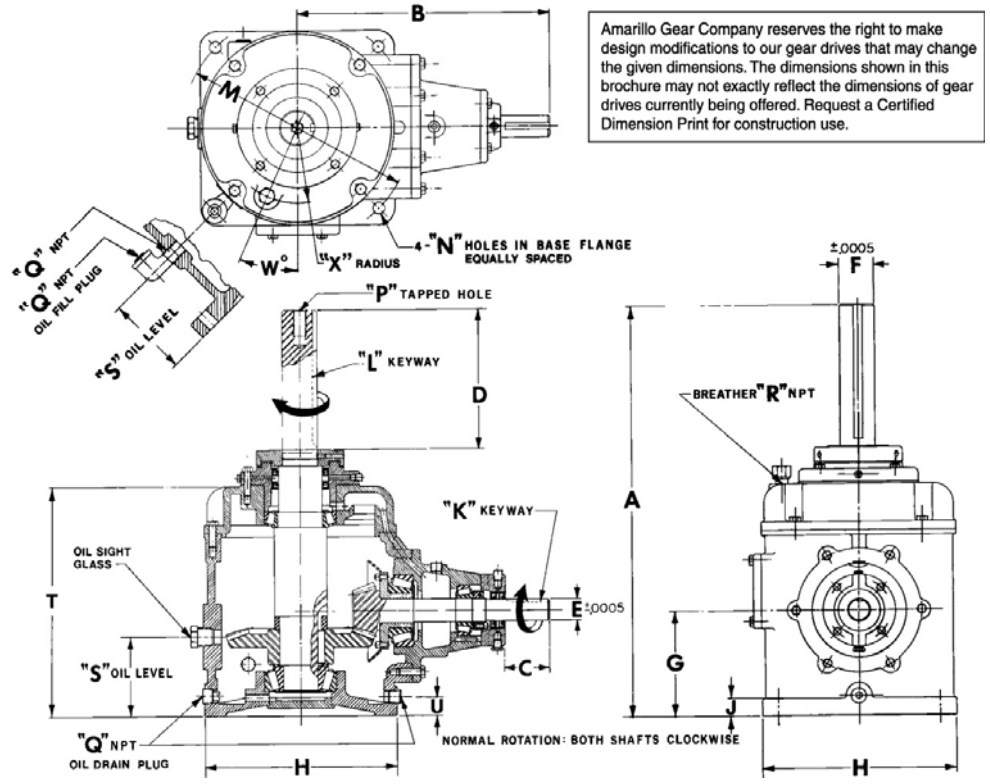
For a complete list of dimensions and specifics please visit page 120.

COOLING TOWER DEPOT
The Depot of All Cooling Towers
www.coolingtowerdepot.com

Free! the industries only Online Cooling Tower Design Program With Pricing. Beat That. Free!

Copyright © 2007 Visit our web site at www.coolingtowerdepot.com for our full Terms and Conditions

155 Single Reduction



Amarillo Gear Company reserves the right to make design modifications to our gear drives that may change the given dimensions. The dimensions shown in this brochure may not exactly reflect the dimensions of gear drives currently being offered. Request a Certified Dimension Print for construction use.

A	B	C	C with non-reverse	D	E	F	G	H	J	K	L	M	N
31 11/16	23 1/16	3 7/8	2 1/2	9 1/2	1.874	2.999	9 1/2	19	1 1/4	3/8 X 3/16	3/4 x 3/8	22	13/16

P	Q	R	S	T	U	W	X	WEIGHT
3/4 -1ONC	3/4	½	7	19 3/4	1 3/8	54	6 3/8	675

Exact Ratio

2	2.5	3	3.3	3.5	3.8	4	4.3	4.5	4.8	5	5.5	6	6.5	7	7.5	8	8.5	9	9.5
						4.00	4.21	4.54	4.77	5.08	5.58	6.00	6.56	7.11	7.50	8.00	8.50	9.00	

Domestic Shipping. Weight (lbs)	Weight with Export Boxing (lbs)	Export Box Dimensions (L, x W x H) (in)	Vertical Shaft Down Thrust Capacity (pounds)	4700	Thrust ratings vary greatly depending upon the transmitted power and the vertical shaft speed. The rating to the left are the axial loads that can be applied the fan shaft which will always result in a calculated bearing life greater than 100,000 hours. These ratings are based on the worse case from the power rating tables. All models can be supplied with larger thrust bearings or special bearing arrangements. Contact us when the fan loading conditions or the bearing life requirements cannot be satisfied with the ratings from the table.
705	855	40 x 27 x 41			

Service Horsepower Ratings (Service Factor =2.0)

RATIO*

Input RPM	2	2.5	3	3.3	3.5	3.8	4	4.3	4.5	4.8	5	5.5	6	6.5	7	7.5	8	8.5	9	9.5
1750							133	125	119	114	110	100	90	85	75	65	55	50	45	
1450							110	104	99	94	91	83	75	70	62	54	46	41	37	
1160							88	83	79	76	73	66	60	56	50	43	36	33	30	

*Choose models & Ratios in outlined area for standard price and delivery. Contact us for all others.

Prices in this book are subject to change. For updated pricing, please call us at (877)-243-3945 or visit us online at www.coolingtowerdepot.com

COOLING TOWER DEPOT The Depot of All Cooling Towers www.coolingtowerdepot.com

Copyright © 2007 Visit our web site at www.coolingtowerdepot.com for our full Terms and Conditions

Amarillo Single Reduction Gearboxes





155

Gearbox

Part No.	Part Description	Price
CTD-155	Amarillo Single Reduction Gearbox	$4,998.40

Accessories

Not Available	Mechanical Oil Pump	N/A
Not Available	Oil Filter	N/A
CTD-155-OHT	Oil Heater and Thermostat	$500.00
Not Available	Pressure Switch	N/A
CTD-155-OLS	Oil Level Switch	$580.00
CTD-155-NR	Non-Reverse	$1230.00
CTD-155-LSO	Low Speed Option	$490.00
CTD-155-EB	Export Box	$115.00

Replacement Parts

Part No.	Description	Price	Part No.	Description	Price	Part No.	Description	Price
F6-10	Gear Case	$1,290.00	450-155	Above Gear Spacer	$36.30	M 313650	Breather Plug	$12.20
F5-11	Upper Seal Plate	$120.00	451-155	Under Gear Spacer	$36.30	824-155	Vertical Shim Set	$35.60
F6-12	Vertical Carrier	$504.00	3268	Horiz Locknut Set	$44.50	825-155	Gasket Set-Complete	$9.00
F5-15	Horizontal Carrier	$524.00	24008	Oil Slinger	$40.20	PP .75HX	Oil Drain Plug	$2.20
F6-16A	Horizontal Seal Plate	$60.60	JM718110/49	Vert Upper Bearing	$75.80	MK 7498-5	Gear Key	$6.70
F5-17	Bottom Plug	$50.00	9321/80	Vert Lower Bearing	$232.80	P1030-4	Oil Level Sight Gauge	$10.40
E-18	Inspection Plate	$16.30	JHM807012/45	Horiz Outer Bearing	$65.70	100	Spiral Bevel Gear Set	$2,640.00
F5-20	Bearing Bushing	$216.00	9321/80	Horiz Inner Bearing	$232.80		5:1 through 8.5:1 Ratio	
F6-21	Vert Seal Carrier	$251.00	2-473238	Horiz Seal Set	$20.20	100	Spiral Bevel Gear Set	$2,750.00
26009	Output Shaft	$633.00	2-455146	Vertical Seal Set	$43.80	---	Labor Net	$512.00
F6-22	Gear Mount	$322.00	3/4" X 1-1/4"	Eye Bolt	$12.10	---	Oil and Paint Net	$55.00

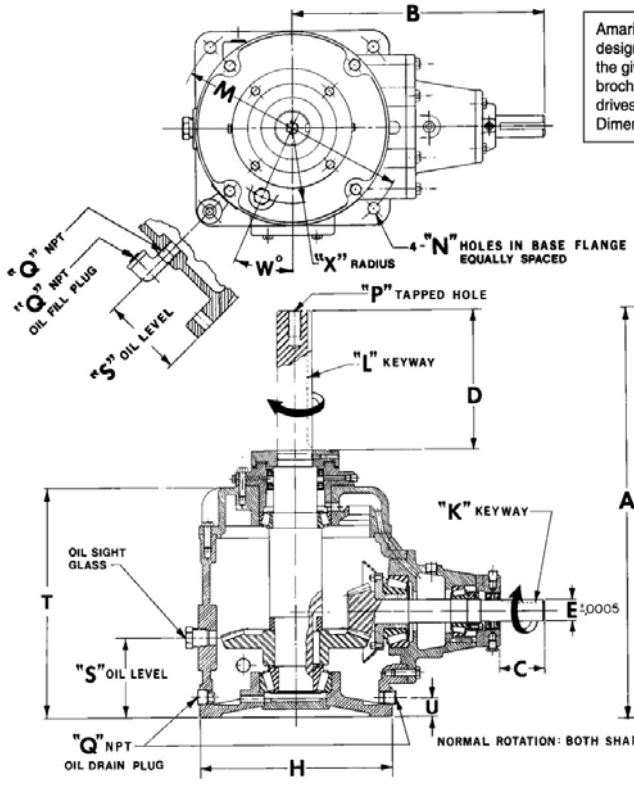
For a complete list of dimensions and specifics please visit page 120.

COOLING TOWER DEPOT
The Depot of All Cooling Towers
www.coolingtowerdepot.com

Free! the industries only Online Cooling Tower Design Program With Pricing. Beat That. Free!

Copyright © 2007 Visit our web site at www.coolingtowerdepot.com for our full Terms and Conditions

175 Single Reduction



Amarillo Gear Company reserves the right to make design modifications to our gear drives that may change the given dimensions. The dimensions shown in this brochure may not exactly reflect the dimensions of gear drives currently being offered. Request a Certified Dimension Print for construction use.

A	B	C	C with non-reverse	D	E	F	G	H	J	K	L	M	N
33 3/8	23 1/2	3 9/16	2 1/8	9 1/2	1.874	2.999	9 1/2	20 1/2	1 1/2	3/8 X 3/16	3/4 x 3/8	25	13/16

P	Q	R	S	T	U	W	X	WEIGHT
3/4 -1ONC	3/4	1/2	7 1/2	21 1/2	1 1/2	54	7	825

Exact Ratio

2	2.5	3	3.3	3.5	3.8	4	4.3	4.5	4.8	5	5.5	6	6.5	7	7.5	8	8.5	9	9.5
								4.54	4.71	5.08	5.58	6.09	6.60	7.10	7.56	8.13	8.50	9.14	9.57

Domestic Shipping. Weight (lbs)	Weight with Export Boxing (lbs)	Export Box Dimensions (L, x W x H) (in)	Vertical Shaft Down Thrust Capacity (pounds)	5150	Thrust ratings vary greatly depending upon the transmitted power and the vertical shaft speed. The rating to the left are the axial loads that can be applied the fan shaft which will always result in a calculated bearing life greater than 100,000 hours. These ratings are based on the worse case from the power rating tables. All models can be supplied with larger thrust bearings or special bearing arrangements. Contact us when the fan loading conditions or the bearing life requirements cannot be satisfied with the ratings from the table.
855	940	40 x 27 x 41			

Service Horsepower Ratings (Service Factor =2.0)

RATIO*

Input RPM	2	2.5	3	3.3	3.5	3.8	4	4.3	4.5	4.8	5	5.5	6	6.5	7	7.5	8	8.5	9	9.5
1750									145	140	133	126	112	105	100	80	60	60	60	50
1450									120	116	110	104	92	87	83	66	50	50	50	41
1160									96	93	88	84	74	70	66	53	40	40	40	33

*Choose models & Ratios in outlined area for standard price and delivery. Contact us for all others.

Prices in this book are subject to change. For updated pricing, please call us at (877)-243-3945 or visit us online at www.coolingtowerdepot.com

COOLING TOWER DEPOT The Depot of All Cooling Towers www.coolingtowerdepot.com

Copyright © 2007 Visit our web site at www.coolingtowerdepot.com for our full Terms and Conditions

Amarillo Single Reduction Gearboxes





175

Gearbox

Part No.	Part Description	Price
CTD-175	Amarillo Single Reduction Gearbox	$6,177.60

Accessories

Not Available	Mechanical Oil Pump	N/A
Not Available	Oil Filter	N/A
CTD-175-OHT	Oil Heater and Thermostat	$500.00
Not Available	Pressure Switch	N/A
CTD-175-OLS	Oil Level Switch	$580.00
CTD-175-NR	Non-Reverse	$1230.00
CTD-175-LSO	Low Speed Option	$490.00
CTD-175-EB	Export Box	$115.00

Replacement Parts

Part No.	Description	Price	Part No.	Description	Price	Part No.	Description	Price
F5-10	Gear Case	$1,600.00	450-175	Above Gear Spacer	$41.20	M 313650	Breather Plug	$12.20
F5-11	Upper Seal Plate	$120.00	451-175	Under Gear Spacer	$41.20	824-175	Vertical Shim Set	$35.60
F5-12	Vertical Carrier	$803.00	3268	Horiz Locknut Set	$44.50	825-175	Gasket Set-Complete	$9.00
F5-15	Horizontal Carrier	$524.00	24008	Oil Slinger	$40.20	PP .75HX	Oil Drain Plug	$2.20
F6-16A	Horizontal Seal Plate	$60.60	JM718110/49	Vert Upper Bearing	$75.80	MK 7498-5	Gear Key	$6.70
F5-17	Bottom Plug	$50.00	9321/80	Vert Lower Bearing	$232.80	P1030-4	Oil Level Sight Gauge	$10.40
E-18	Inspection Plate	$16.30	JHM807012/45	Horiz Outer Bearing	$65.70	100	Spiral Bevel Gear Set	$3,000.00
F5-20	Bearing Bushing	$216.00	9321/80	Horiz Inner Bearing	$232.80		5:1 through 9.5:1 Ratio	
F5-21	Vert Seal Carrier	$251.00	2-473238	Horiz Seal Set	$20.20	100	Spiral Bevel Gear Set	$3,140.00
25009	Output Shaft	$701.00	2-455146	Vertical Seal Set	$43.80	---	Labor Net	$606.00
L22 3.75	Gear Mount	$363.00	3/4" X 1-1/4"	Eye Bolt	$12.10	---	Oil and Paint Net	$74.00

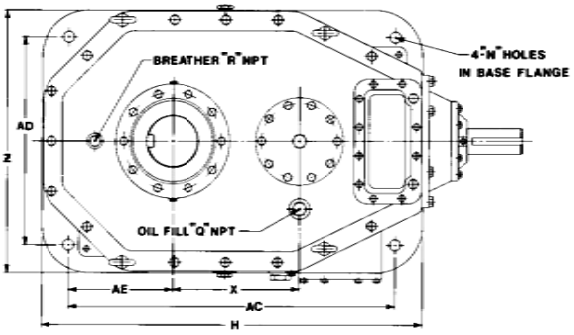
For a complete list of dimensions and specifics please visit page 120.

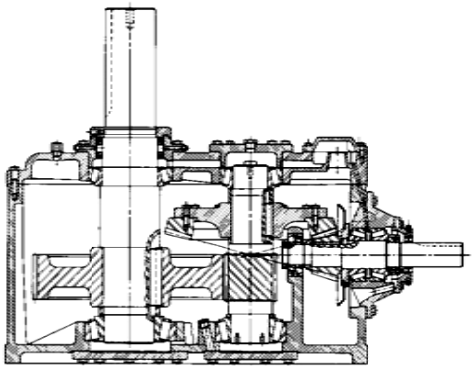
COOLING TOWER DEPOT
The Depot of All Cooling Towers
www.coolingtowerdepot.com

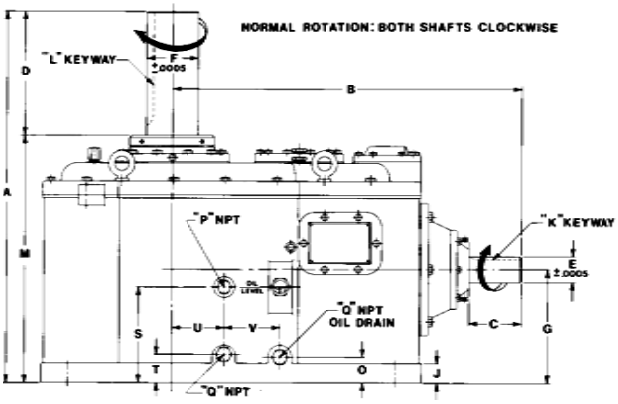
Free! the industries only Online Cooling Tower Design Program With Pricing. Beat That. Free!

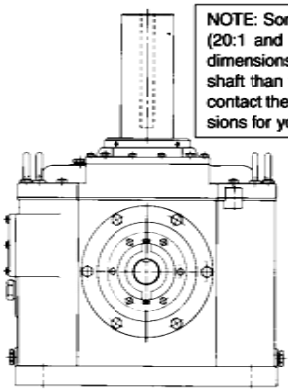
Copyright © 2007 Visit our web site at www.coolingtowerdepot.com for our full Terms and Conditions

1008 Double Reduction

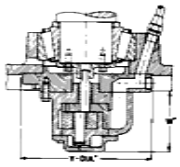








NOTE: Some of the higher ratio gear drives (20:1 and up) may have slightly different dimensions involving the horizontal input shaft than those listed in Table VII. Please contact the factory to verify accurate dimensions for your high ratio applications.



OPTIONAL OIL PUMP
*MINIMUM CLEARANCE
*Optional oil pump is positioned under the intermediate shaft. Contact factory for additional information & certified dimensional drawing.

A	B	C	C with non-reverse	D	E	F	G	H	J	K	L	M	N	O
28 1/2	26	3 3/4	2 1/4	10	1.874	3.499	8 1/2	25 1/4	1 7/8	3/8 x 3/16	7/8 x 7/16	18 1/2	1 1/16	2 1/8

P	Q	R	S	T	U	V	W	X	Y	Z	AC	AD	AE	WEIGHT
3/4	1	1/2	7	2 3/4	1 1/2	3 1/2	2 7/8	8 1/4	10	18 1/2	21 1/4	14 1/2	7 1/4	830

Exact Ratio

7.5	8	8.5	9	9.5	10	10.5	11	11.5	12	12.5	13	14	15	15.5	16	17	18	19	20	25
7.53	7.97	8.72	8.96	9.64	9.90	10.43	11.08	11.45	11.94	12.51	12.93	13.93	14.86						19.81	

Domestic Shipping. Weight (lbs)	Weight with Export Boxing (lbs)	Export Box Dimensions (L, x W x H) (in)	Vertical Shaft Down Thrust Capacity (pounds)	3800	Thrust ratings vary greatly depending upon the transmitted power and the vertical shaft speed. The rating to the left are the axial loads that can be applied the fan shaft which will always result in a calculated bearing life greater than 100,000 hours. These ratings are based on the worse case from the power rating tables. All models can be supplied with larger thrust bearings or special bearing arrangements. Contact us when the fan loading conditions or the bearing life requirements cannot be satisfied with the ratings from the table.
875	980	40 x 27 x 41			

Service Horsepower Ratings (Service Factor =2.0)

RATIO*

Input RPM	7.5	8	8.5	9	9.5	10	10.5	11	11.5	12	12.5	13	14	15	15.5	16	17	18	19	20	25
1750	100	100	100	100	95	90	86	82	78	75	75	75	60	60						33	
1450	83	83	83	83	79	75	71	68	65	62	62	62	50	50						27	
1160	66	66	66	66	63	60	57	54	52	50	50	50	40	40						22	

*Choose models & Ratios in outlined area for standard price and delivery. Contact us for all others.

Prices in this book are subject to change. For updated pricing, please call us at (877)-243-3945 or visit us online at www.coolingtowerdepot.com

COOLING TOWER DEPOT
The Depot of All Cooling Towers
www.coolingtowerdepot.com

Copyright © 2007 Visit our web site at www.coolingtowerdepot.com for our full Terms and Conditions



Amarillo Double Reduction Gearboxes



1008

Gearbox

Part No.	Part Description	Price
CTD-1008	Amarillo Double Reduction Gearbox	$8,430.40

Accessories

CTD-1008-MOP	Mechanical Oil Pump	$740.00
CTD-1008-OF	Oil Filter	$700.00
CTD-1008-OHT	Oil Heater and Thermostat	$500.00
CTD-1008-PS	Pressure Switch	$710.00
CTD-1008-OLS	Oil Level Switch	$580.00
CTD-1008-NR	Non-Reverse	$1230.00
Not Available	Low Speed Option	
CTD-1008-EB	Export Box	$115.00

Replacement Parts

Part No.	Description	Price	Part No.	Description	Price	Part No.	Description	Price
D1-10	Gear Case and	$4,170.00	31028	Vertical Output Shaft	$806.00	18733	Horiz Oil Seal Set	$20.20
D1-12	Cover		450	Above Gear Spcr-Interm	$18.60	417504	Output Shaft Seal Set	$68.00
D1-11	Upper Seal Plate	$129.00	451	Bet. Gear Spcr-Interm	$18.60	M 313650	Breather Plug	$12.20
D1-15	Horiz. Carrier	$390.00	452	Lower Gear Spcr-Output	$62.50	824-1008	Brg Shims-Output Shaft	$57.90
F4-16A	Horiz. Seal Plate	$48.10	453	Under Gear Spcr-Interm	$18.60	825-1008	Gasket Set - Complete	$14.40
D1-17BM	Lower Brg Cover-Interm	$78.10	31012	Horizontal Shaft	$563.00	826-1008	Brg Shims-Interm Shaft	$57.90
D1-17AM	Lower Brg Cover-Output	$73.80	N/A	Horiz Inner Brg Spacer		M AS255	O-ring for D1-21	$4.20
D1-18	Cover Plate	$121.00	3268	Horiz Brg Locknut Set	$44.50	M AS246	O-ring for D1-19	$4.20
D1-19	Upper Brg Cover-Interm	$110.00	N/W-09	Horiz Gear Retainer	$6.70	N/A	Horizontal Carrier Oil Ring	
D1-20	Oil Slinger Plate	$139.00	31027	Oil Slinger	$42.90	910-1008	Gear Key-Interm Shaft	$2.60
D1-21	Vertical Seal Carrier	$197.00	42587/381	Upper Bearing-Output	$116.70	911-1008	Gear Key-Horiz Shaft	$1.40
N/A	Vertical Gear Mount		598A/592A	Lower Bearing-Output	$74.10	MK 7498-6	Gear Key-Output Shaft	$11.00
L18B	Inspection Plate	$59.30	JHM807012	Outer Bearing-Horiz	$65.70	913-1008	Oil Slinger Key	$1.40
100	Spiral Bevel Gears	$1750.00	JHM807045			2 RFD	Oil Pump	$376.00
	8:1 through 11:1 Ratio		65500	Inner Bearing-Horiz	$133.90	31025	Oil Pump Drive Plate	$186.00
	Spiral Bevel Gears	$1930.00	65225			D1-17MR1	Bottom Plug-Oil Pump	$243.00
397G	Helical Gear	$2,210.00	553X/555S	Upper Bearing-Interm	$94.10		Oil and Paint Net	$152.00
397P	Helical Pinion	$735.00	65500	Lower Bearing-Interm	$133.90			

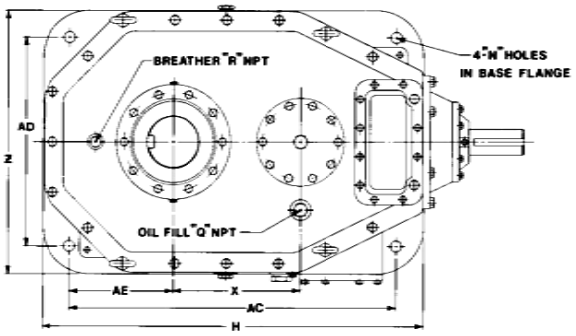
For a complete list of dimensions and specifics please visit page 120.

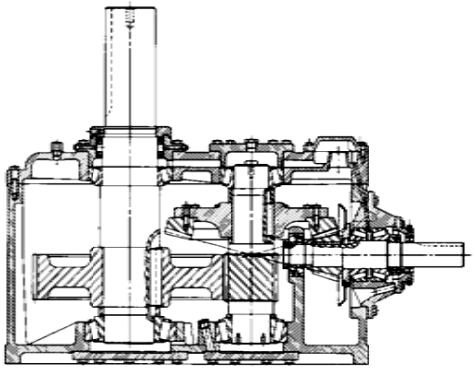
COOLING TOWER DEPOT
The Depot of All Cooling Towers
www.coolingtowerdepot.com

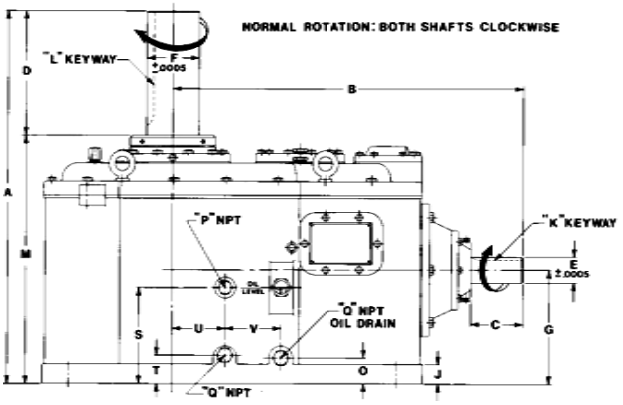


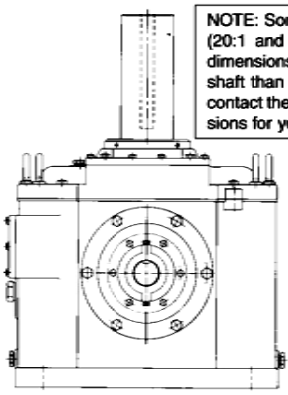
Copyright © 2007 Visit our web site at www.coolingtowerdepot.com for our full Terms and Conditions

1110 Double Reduction

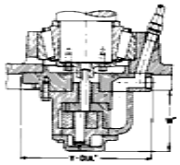








NOTE: Some of the higher ratio gear drives (20:1 and up) may have slightly different dimensions involving the horizontal input shaft than those listed in Table VII. Please contact the factory to verify accurate dimensions for your high ratio applications.



OPTIONAL OIL PUMP
*MINIMUM CLEARANCE
*Optional oil pump is positioned under the intermediate shaft. Contact factory for additional information & certified dimensional drawing.

A	B	C	C with non-reverse	D	E	F	G	H	J	K	L	M	N	O
32 5/8	29 3/4	3 3/4	2 1/4	12	1.874	3.999	9 1/2	30 1/4	1 7/8	3/8 x 3/16	1 x 112	20 5/8	1 1/16	2 1/8

P	Q	R	S	T	U	V	W	X	Y	Z	AC	AD	AE	WEIGHT
3/4	1	1/2	7	2 3/4	1 3/4	4	2 7/8	10	10	22	26	18	8 7/8	1245

Exact Ratio

7.5	8	8.5	9	9.5	10	10.5	11	11.5	12	12.5	13	14	15	15.5	16	17	18	19	20	25
7.50	7.96	8.52	8.96	9.35	10.19	10.50	11.05	11.50	11.96		12.94	14.06	15.00	15.58	16.07	16.92			20.00	

Domestic Shipping. Weight (lbs)	Weight with Export Boxing (lbs)	Export Box Dimensions (L, x W x H) (in)	Vertical Shaft Down Thrust Capacity (pounds)	5400	Thrust ratings vary greatly depending upon the transmitted power and the vertical shaft speed. The rating to the left are the axial loads that can be applied the fan shaft which will always result in a calculated bearing life greater than 100,000 hours. These ratings are based on the worse case from the power rating tables. All models can be supplied with larger thrust bearings or special bearing arrangements. Contact us when the fan loading conditions or the bearing life requirements cannot be satisfied with the ratings from the table.
1375	1485	48 x 28 x 41			

Service Horsepower Ratings (Service Factor =2.0)

RATIO*

Input RPM	7.5	8	8.5	9	9.5	10	10.5	11	11.5	12	12.5	13	14	15	15.5	16	17	18	19	20	25
1750	142	142	141	140	135	130	130	130	125	125		125	120	100	97	95	90			75	
1450	118	118	117	116	112	108	108	108	104	104		104	99	83	80	79	75			62	
1160	94	94	93	93	89	86	86	86	83	83		83	80	66	64	63	60			50	

*Choose models & Ratios in outlined area for standard price and delivery. Contact us for all others.

Prices in this book are subject to change. For updated pricing, please call us at (877)-243-3945 or visit us online at www.coolingtowerdepot.com

COOLING TOWER DEPOT
The Depot of All Cooling Towers
www.coolingtowerdepot.com

Copyright © 2007 Visit our web site at www.coolingtowerdepot.com for our full Terms and Conditions



Amarillo Double Reduction Gearboxes

1110



Gearbox

Part No.	Part Description	Price
CTD-1110	Amarillo Double Reduction Gearbox	$10,806.40

Accessories

CTD-1110-MOP	Mechanical Oil Pump	$740.00
CTD-1110-OF	Oil Filter	$700.00
CTD-1110-OHT	Oil Heater and Thermostat	$500.00
CTD-1110-PS	Pressure Switch	$710.00
CTD-1110-OLS	Oil Level Switch	$580.00
CTD-1110-NR	Non-Reverse	$1230.00
Not Available	Low Speed Option	
CTD-1110-EB	Export Box	$180.00

Replacement Parts

Part No.	Description	Price
D1-10	Gear Case and	$4310.00
D1-12	Cover	
D1-11	Upper Seal Plate	$147.00
D1-15	Horiz. Carrier	$404.00
F4-16A	Horiz. Seal Plate	$48.10
D1-17BM	Lower Brg Cover-Interm	$93.30
D1-17AM	Lower Brg Cover-Output	$112.00
D1-18	Cover Plate	$129.00
D1-19	Upper Brg Cover-Interm	$119.00
D1-20	Oil Slinger Plate	$148.00
D1-21	Vertical Seal Carrier	$219.00
N/A	Vertical Gear Mount	
L18B	Inspection Plate	$59.30
100	Spiral Bevel Gears	$1,750.00
	8:1 through 14:1 Ratio	
100	Spiral Bevel Gears	$1,990.00
397G	Helical Gear	$3,130.00
397P	Helical Pinion	$958.00

Part No.	Description	Price
31028	Vertical Output Shaft	$1,130.00
450	Above Gear Spcr-Interm	$29.20
451	Bet. Gear Spcr-Interm	$29.20
452	Lower Gear Spcr-Output	$67.50
453	Under Gear Spcr-Interm	$29.20
31012	Horizontal Shaft	$600.00
N/A	Horiz Inner Brg Spacer	
3268	Horiz Brg Locknut Set	$44.50
N/W-09	Horiz Gear Retainer	$6.80
31027	Oil Slinger	$44.60
42587/381	Upper Bearing-Output	$179.60
598A/592A	Lower Bearing-Output	$271.80
JHM807012	Outer Bearing-Horiz	$65.70
JHM807045		
65500	Inner Bearing-Horiz	$353.20
65225		
553X/555S	Upper Bearing-Interm	$134.90
65500	Lower Bearing-Interm	$353.20

Part No.	Description	Price
18733	Horiz Oil Seal Set	$20.20
417504	Output Shaft Seal Set	$64.20
M 313650	Breather Plug	$12.20
824-1008	Brg Shims-Output Shaft	$67.50
825-1008	Gasket Set - Complete	$17.60
826-1008	Brg Shims-Interm Shaft	$67.50
M AS255	O-ring for D1-21	$7.20
M AS246	O-ring for D1-19	$6.50
N/A	Horizontal Carrier Oil Ring	
910-1008	Gear Key-Interm Shaft	$2.60
911-1008	Gear Key-Horiz Shaft	$1.40
MK 7498-6	Gear Key-Output Shaft	$10.50
913-1008	Oil Slinger Key	$1.40
2 RFD	Oil Pump	$376.00
31025	Oil Pump Drive Plate	$193.00
D1-17MR1	Bottom Plug-Oil Pump	$312.00
	Oil and Paint Net	$164.00

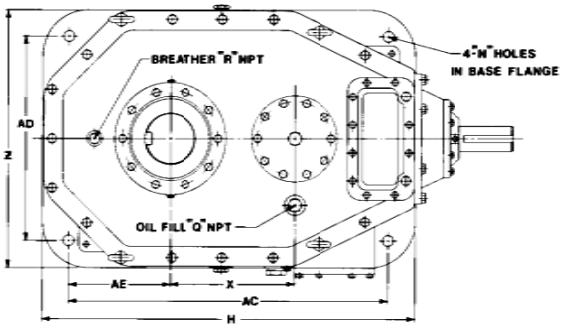
For a complete list of dimensions and specifics please visit page 120.

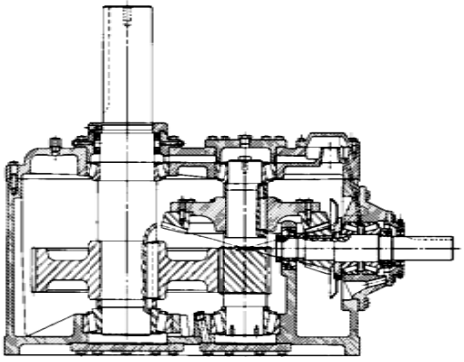
COOLING TOWER DEPOT
The Depot of All Cooling Towers
www.coolingtowerdepot.com

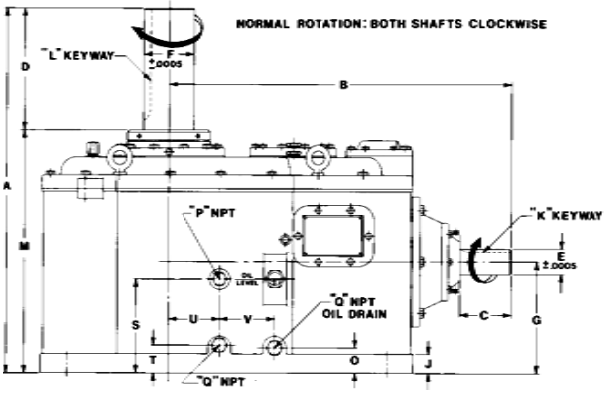
Free! the industries only Online Cooling Tower Design Program With Pricing. Beat That. Free!

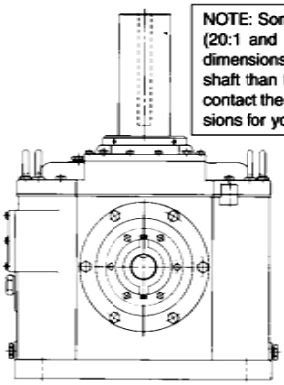
Copyright © 2007 Visit our web site at www.coolingtowerdepot.com for our full Terms and Conditions

1311 Double Reduction

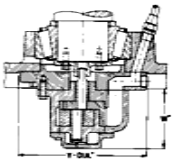








NOTE: Some of the higher ratio gear drives (20:1 and up) may have slightly different dimensions involving the horizontal input shaft than those listed in Table VII. Please contact the factory to verify accurate dimensions for your high ratio applications.



OPTIONAL OIL PUMP "MINIMUM CLEARANCE"

*Optional oil pump is positioned under the intermediate shaft. Contact factory for additional information & certified dimensional drawing.

A	B	C	C with non-reverse	D	E	F	G	H	J	K	L	M	N	O
34 3/8	30 7/16	4 15/16	3 1/4	12	2.436	4.499	10 1/4	33 1/4	1 7/8	5/8x 5/16	1 x 1/2	22 3/8	1 5/16	1 1/2

P	Q	R	S	T	U	V	W	X	Y	Z	AC	AD	AE	WEIGHT
3/4	1	1/2	7 7/8	2 3/4	2 3/4	4	6 13/16	11	10	23 1/2	29 1/4	19 1/2	10 3/8	1575

Exact Ratio

7.5	8	8.5	9	9.5	10	10.5	11	11.5	12	12.5	13	14	15	15.5	16	17	18	19	20	25
	8.00	8.72	9.04	9.45	9.90	10.46	11.14	11.35	12.16	12.61	12.93	13.93	14.86	15.79	16.18	17.33	18.04	18.67	19.81	24.76

Domestic Shipping. Weight (lbs)	Weight with Export Boxing (lbs)	Export Box Dimensions (L, x W x H) (in)	Vertical Shaft Down Thrust Capacity (pounds)	5950	Thrust ratings vary greatly depending upon the transmitted power and the vertical shaft speed. The rating to the left are the axial loads that can be applied the fan shaft which will always result in a calculated bearing life greater than 100,000 hours. These ratings are based on the worse case from the power rating tables. All models can be supplied with larger thrust bearings or special bearing arrangements. Contact us when the fan loading conditions or the bearing life requirements cannot be satisfied with the ratings from the table.
1690	1775	48 x 28 x 41			

Service Horsepower Ratings (Service Factor =2.0)

RATIO*

Input RPM	7.5	8	8.5	9	9.5	10	10.5	11	11.5	12	12.5	13	14	15	15.5	16	17	18	19	20	25
1750		210	208	206	198	190	183	176	171	165	163	160	155	150	148	147	137	129	117	110	78
1450		174	172	171	164	157	151	146	141	137	135	133	128	124	123	122	114	107	97	91	65
1160		139	138	137	131	126	121	117	113	109	107	106	103	99	98	97	91	86	78	73	52

*Choose models & Ratios in outlined area for standard price and delivery. Contact us for all others.

Prices in this book are subject to change. For updated pricing, please call us at (877)-243-3945 or visit us online at www.coolingtowerdepot.com

COOLING TOWER DEPOT The Depot of All Cooling Towers www.coolingtowerdepot.com

Copyright © 2007 Visit our web site at www.coolingtowerdepot.com for our full Terms and Conditions



Amarillo Double Reduction Gearboxes



1311

Gearbox

Part No.	Part Description	Price
CTD-1311	Amarillo Double Reduction Gearbox	$14,176.80

Accessories

CTD-1311-MOP	Mechanical Oil Pump	$740.00
CTD-1311-OF	Oil Filter	$700.00
CTD-1311-OHT	Oil Heater and Thermostat	$500.00
CTD-1311-PS	Pressure Switch	$710.00
CTD-1311-OLS	Oil Level Switch	$580.00
CTD-1311-NR	Non-Reverse	$1230.00
Not Available	Low Speed Option	
CTD-1311-EB	Export Box	$180.00

Replacement Parts

Part No.	Description	Price
D1-10	Gear Case and	$6,120.00
D1-12	Cover	
D1-11	Upper Seal Plate	$161.00
D1-15	Horiz. Carrier	$416.00
F4-16A	Horiz. Seal Plate	$91.00
D1-17BM	Lower Brg Cover-Interm	$118.00
D1-17AM	Lower Brg Cover-Output	$112.00
D1-18	Cover Plate	$129.00
D1-19	Upper Brg Cover-Interm	$148.00
D1-20	Oil Slinger Plate	$235.00
D1-21	Vertical Seal Carrier	$227.00
D1-22	Vertical Gear Mount	$449.00
L18B	Inspection Plate	$59.30
100	Spiral Bevel Gears	$2,650.00
	9:1 through 16:1 Ratio	
100	Spiral Bevel Gears	$2,960.00
397G	Helical Gear	$3.190.00
397P	Helical Pinion	$1,080.00

Part No.	Description	Price
31028	Vertical Output Shaft	$1,470.00
450	Above Gear Spcr-Interm	$47.70
451	Bet. Gear Spcr-Interm	$47.70
452	Lower Gear Spcr-Output	$85.40
453	Under Gear Spcr-Interm	$47.70
31012	Horizontal Shaft	$723.00
550	Horiz Inner Brg Spacer	$46.70
3268	Horiz Brg Locknut Set	$65.70
N/W-09	Horiz Gear Retainer	$5.80
31027	Oil Slinger	$44.60
42587/381	Upper Bearing-Output	$165.80
598A/592A	Lower Bearing-Output	$271.80
JHM807012	Outer Bearing-Horiz	$209.40
JHM807045		
65500	Inner Bearing-Horiz	$170.00
65225		
553X/555S	Upper Bearing-Interm	$100.60
65500	Lower Bearing-Interm	$394.10

Part No.	Description	Price
18733	Horiz Oil Seal Set	$32.20
417504	Output Shaft Seal Set	$77.40
M 313650	Breather Plug	$12.20
824-1008	Brg Shims-Output Shaft	$67.50
825-1008	Gasket Set - Complete	$18.80
826-1008	Brg Shims-Interm Shaft	$67.50
M AS255	O-ring for D1-21	$5.10
M AS246	O-ring for D1-19	$4.20
836	Horizontal Carrier Oil Ring	$50.00
910-1008	Gear Key-Interm Shaft	$4.30
911-1008	Gear Key-Horiz Shaft	$1.40
MK 7498-6	Gear Key-Output Shaft	$11.00
913-1008	Oil Slinger Key	$1.40
2 RFD	Oil Pump	$1,050.00
31025	Oil Pump Drive Plate	$218.00
D1-17MR1	Bottom Plug-Oil Pump	$315.00
	Oil and Paint Net	$202.00

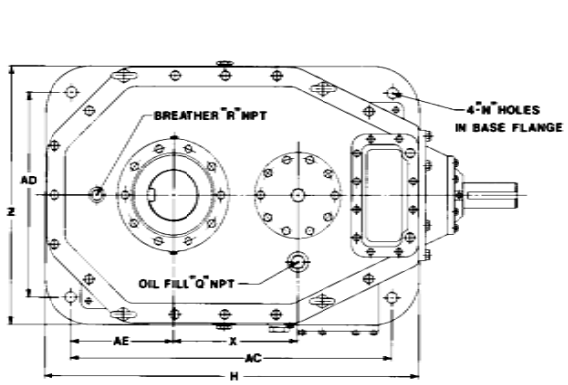
For a complete list of dimensions and specifics please visit page 120.

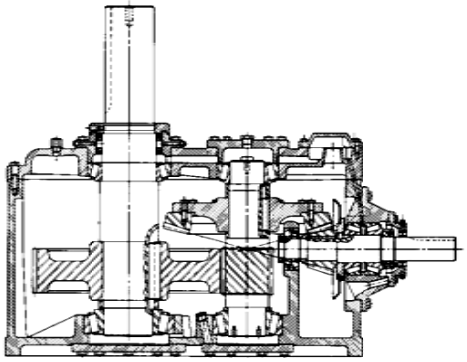
COOLING TOWER DEPOT
The Depot of All Cooling Towers
www.coolingtowerdepot.com

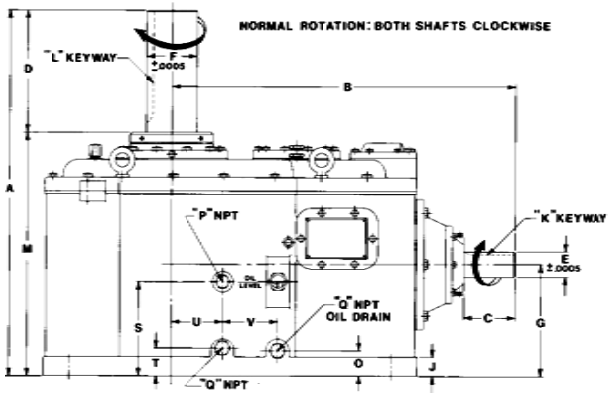
Free! the industries only Online Cooling Tower Design Program With Pricing. Beat That. Free!

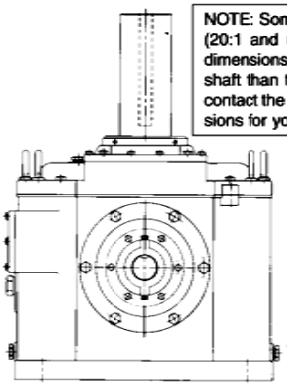
Copyright © 2007 Visit our web site at www.coolingtowerdepot.com for our full Terms and Conditions

1311W Double Reduction

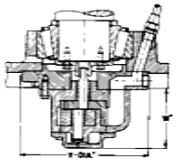








NOTE: Some of the higher ratio gear drives (20:1 and up) may have slightly different dimensions involving the horizontal input shaft than those listed in Table VII. Please contact the factory to verify accurate dimensions for your high ratio applications.



OPTIONAL OIL PUMP
*MINIMUM CLEARANCE
*Optional oil pump is positioned under the intermediate shaft. Contact factory for additional information & certified dimensional drawing.

A	B	C	C with non-reverse	D	E	F	G	H	J	K	L	M	N	O
34 3/8	30 7/16	4 15/16	3 1/4	12	2.436	4.499	10 1/4	33 1/4	1 7/8	5/8x 5/16	1 x 1/2	22 3/8	1 5/16	1 1/2

P	Q	R	S	T	U	V	W	X	Y	Z	AC	AD	AE	WEIGHT
3/4	1	1/2	7 7/8	2 3/4	2 3/4	4	6 13/16	11	10	23 1/2	29 1/4	19 1/2	10 3/8	1575

Exact Ratio

7.5	8	8.5	9	9.5	10	10.5	11	11.5	12	12.5	13	14	15	15.5	16	17	18	19	20	25
	8.00	8.72	9.04	9.45	9.90	10.46	11.14	11.35	12.16	12.61	12.93	13.93	14.86	15.79	16.18	17.33	18.04	18.67	19.81	24.76

Domestic Shipping. Weight (lbs)	Weight with Export Boxing (lbs)	Export Box Dimensions (L, x W x H) (in)	Vertical Shaft Down Thrust Capacity (pounds)	12000	Thrust ratings vary greatly depending upon the transmitted power and the vertical shaft speed. The rating to the left are the axial loads that can be applied the fan shaft which will always result in a calculated bearing life greater than 100,000 hours. These ratings are based on the worse case from the power rating tables. All models can be supplied with larger thrust bearings or special bearing arrangements. Contact us when the fan loading conditions or the bearing life requirements cannot be satisfied with the ratings from the table.
2025	2155	48 x 35 x 43			

*Choose models & Ratios in outlined area for standard price and delivery. Contact us for all others.

Service Horsepower Ratings (Service Factor =2.0)

RATIO*

Input RPM	7.5	8	8.5	9	9.5	10	10.5	11	11.5	12	12.5	13	14	15	15.5	16	17	18	19	20	25
1750		210	208	206	198	190	183	176	171	165	163	160	155	150	148	147	137	129	117	110	78
1450		174	172	171	164	157	151	146	141	137	135	133	128	124	123	122	114	107	97	91	65
1160		139	138	137	131	126	121	117	113	109	107	106	103	99	98	97	91	86	78	73	52

Prices in this book are subject to change. For updated pricing, please call us at (877)-243-3945 or visit us online at www.coolingtowerdepot.com

COOLING TOWER DEPOT
The Depot of All Cooling Towers
www.coolingtowerdepot.com

Copyright © 2007 Visit our web site at www.coolingtowerdepot.com for our full Terms and Conditions



Amarillo Double Reduction Gearboxes



1311W

Gearbox

Part No.	Part Description	Price
CTD-1311W	Amarillo Double Reduction Gearbox	**$18,145.60**

Accessories

CTD-1311W-MOP	Mechanical Oil Pump	**$1,126.53**
CTD-1311W-OF	Oil Filter	**$572.06**
CTD-1311W-OHT	Oil Heater and Thermostat	**$404.85**
CTD-1311W-PS	Pressure Switch	**$580.87**
CTD-1311W-OLS	Oil Level Switch	**$466.45**
CTD-1311W-NR	Non-Reverse	**$1,328.95**
Not Available	Low Speed Option	
CTD-1311W-EB	Export Box	**$171.62**

Replacement Parts

Part No.	Description	Price
D1-10	Gear Case and	**$6,120.00**
D1-12	Cover	
D1-11	Upper Seal Plate	**$161.00**
D1-15	Horiz. Carrier	**$416.00**
F4-16A	Horiz. Seal Plate	**$91.00**
D1-17BM	Lower Brg Cover-Interm	**$118.00**
D1-17AM	Lower Brg Cover-Output	**$112.00**
D1-18	Cover Plate	**$129.00**
D1-19	Upper Brg Cover-Interm	**$148.00**
D1-20	Oil Slinger Plate	**$235.00**
D1-21	Vertical Seal Carrier	**$227.00**
D1-22	Vertical Gear Mount	**$449.00**
L18B	Inspection Plate	**$59.30**
100	Spiral Bevel Gears	**$2,650.00**
	9:1 through 16:1 Ratio	
100	Spiral Bevel Gears	**$2,960.00**
397G	Helical Gear	**$3.190.00**
397P	Helical Pinion	**$1,080.00**

Part No.	Description	Price
31028	Vertical Output Shaft	**$1,470.00**
450	Above Gear Spcr-Interm	**$47.70**
451	Bet. Gear Spcr-Interm	**$47.70**
452	Lower Gear Spcr-Output	**$85.40**
453	Under Gear Spcr-Interm	**$47.70**
31012	Horizontal Shaft	**$723.00**
550	Horiz Inner Brg Spacer	**$46.70**
3268	Horiz Brg Locknut Set	**$65.70**
N/W-09	Horiz Gear Retainer	**$5.80**
31027	Oil Slinger	**$44.60**
42587/381	Upper Bearing-Output	**$165.80**
598A/592A	Lower Bearing-Output	**$271.80**
JHM807012	Outer Bearing-Horiz	**$209.40**
JHM807045		
65500	Inner Bearing-Horiz	**$170.00**
65225		
553X/555S	Upper Bearing-Interm	**$100.60**
65500	Lower Bearing-Interm	**$394.10**

Part No.	Description	Price
18733	Horiz Oil Seal Set	**$32.20**
417504	Output Shaft Seal Set	**$77.40**
M 313650	Breather Plug	**$12.20**
824-1008	Brg Shims-Output Shaft	**$67.50**
825-1008	Gasket Set - Complete	**$18.80**
826-1008	Brg Shims-Interm Shaft	**$67.50**
M AS255	O-ring for D1-21	**$5.10**
M AS246	O-ring for D1-19	**$4.20**
836	Horizontal Carrier Oil Ring	**$50.00**
910-1008	Gear Key-Interm Shaft	**$4.30**
911-1008	Gear Key-Horiz Shaft	**$1.40**
MK 7498-6	Gear Key-Output Shaft	**$11.00**
913-1008	Oil Slinger Key	**$1.40**
2 RFD	Oil Pump	**$1,050.00**
31025	Oil Pump Drive Plate	**$218.00**
D1-17MR1	Bottom Plug-Oil Pump	**$315.00**
	Oil and Paint Net	**$202.00**

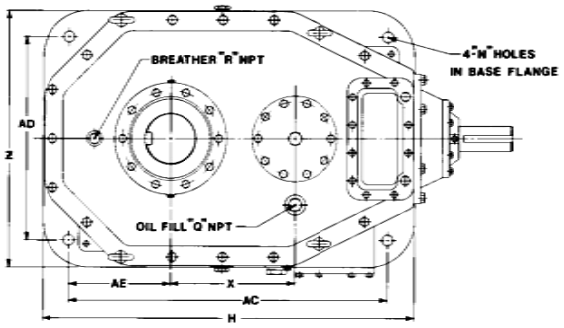
For a complete list of dimensions and specifics please visit page 120.

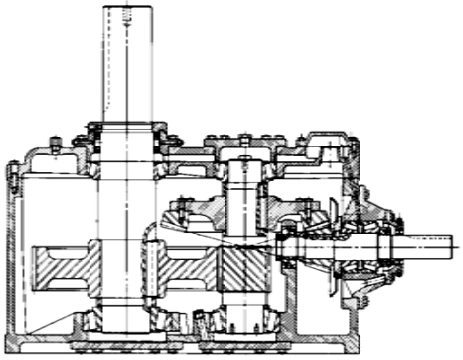
COOLING TOWER DEPOT
The Depot of All Cooling Towers
www.coolingtowerdepot.com

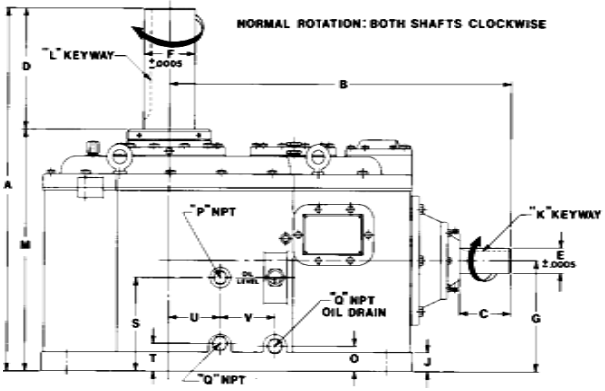
Free! the industries only Online Cooling Tower Design Program With Pricing. Beat That. Free!

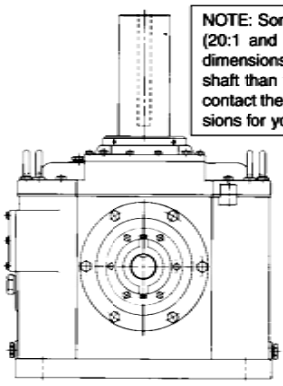
Copyright © 2007 Visit our web site at www.coolingtowerdepot.com for our full Terms and Conditions

1712 Double Reduction

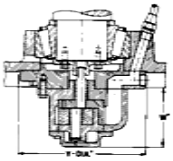








NOTE: Some of the higher ratio gear drives (20:1 and up) may have slightly different dimensions involving the horizontal input shaft than those listed in Table VII. Please contact the factory to verify accurate dimensions for your high ratio applications.



OPTIONAL OIL PUMP
*MINIMUM CLEARANCE
*Optional oil pump is positioned under the intermediate shaft. Contact factory for additional information & certified dimensional drawing.

A	B	C	C with non-reverse	D	E	F	G	H	J	K	L	M	N	O
35 7/8	33 3/4	4 15/16	3 1/4	12	2.436	4.999	11	36 3/4	1 7/8	5/8 x 5/16	1 1/4 x 5/8	23 7/8	1 5/16	1 11/16

P	Q	R	S	T	U	V	W	X	Y	Z	AC	AD	AE	WEIGHT
3/4	1	1/2	9 1/4	2 3/4	5 1/8	5 1/2	6 3/8	12 1/4	10	25 1/4	31 1/2	20	10	2000

Exact Ratio

7.5	8	8.5	9	9.5	10	10.5	11	11.5	12	12.5	13	14	15	15.5	16	17	18	19	20	25
	8.16	8.50	9.04	9.45	9.90	10.60	11.16	11.79	12.20	12.50	12.94	14.00	15.00	15.50	16.25	16.86	18.15	18.86	20.31	25.20

Domestic Shipping. Weight (lbs)	Weight with Export Boxing (lbs)	Export Box Dimensions (L, x W x H) (in)	Vertical Shaft Down Thrust Capacity (pounds)	8900	Thrust ratings vary greatly depending upon the transmitted power and the vertical shaft speed. The rating to the left are the axial loads that can be applied the fan shaft which will always result in a calculated bearing life greater than 100,000 hours. These ratings are based on the worse case from the power rating tables. All models can be supplied with larger thrust bearings or special bearing arrangements. Contact us when the fan loading conditions or the bearing life requirements cannot be satisfied with the ratings from the table.
2125	2230	50 x 30 x 44			

Service Horsepower Ratings (Service Factor =2.0)

RATIO*

Input RPM	7.5	8	8.5	9	9.5	10	10.5	11	11.5	12	12.5	13	14	15	15.5	16	17	18	19	20	25
1750		330	321	312	300	290	280	271	263	255	255	241	229	214	207	200	188	178	169	161	100
1450		273	266	259	249	240	232	225	218	211	211	200	190	177	171	166	156	147	140	133	83
1160		219	213	207	198	192	186	180	174	169	169	160	152	142	137	133	125	118	112	107	66

*Choose models & Ratios in outlined area for standard price and delivery. Contact us for all others.

Prices in this book are subject to change. For updated pricing, please call us at (877)-243-3945 or visit us online at www.coolingtowerdepot.com

COOLING TOWER DEPOT
The Depot of All Cooling Towers
www.coolingtowerdepot.com

Copyright © 2007 Visit our web site at www.coolingtowerdepot.com for our full Terms and Conditions



Amarillo Double Reduction Gearboxes



1712

Gearbox

Part No.	Part Description	Price
CTD-1712W	Amarillo Double Reduction Gearbox	$16,376.80

Accessories

CTD-1712W-MOP	Mechanical Oil Pump	$1,126.53
CTD-1712W-OF	Oil Filter	$572.06
CTD-1712W-OHT	Oil Heater and Thermostat	$642.47
CTD-1712W-PS	Pressure Switch	$580.87
CTD-1712W-OLS	Oil Level Switch	$466.45
CTD-1712W-NR	Non-Reverse	$1,328.95
Not Available	Low Speed Option	
CTD-1712W-EB	Export Box	$220.03

Replacement Parts

Part No.	Description	Price
D1-10	Gear Case and	$7,360.00
D1-12	Cover	
D1-11	Upper Seal Plate	$180.00
D1-15	Horiz. Carrier	$549.00
F4-16A	Horiz. Seal Plate	$91.00
D1-17BM	Lower Brg Cover-Interm	$118.00
D1-17AM	Lower Brg Cover-Output	$124.00
D1-18	Cover Plate	$135.00
D1-19	Upper Brg Cover-Interm	$154.00
D1-20	Oil Slinger Plate	$160.00
D1-21	Vertical Seal Carrier	$280.00
D1-22	Vertical Gear Mount	$583.00
L18B	Inspection Plate	$59.30
100	Spiral Bevel Gears	$3,710.00
	11:1 through 16:1 Ratio	
100	Spiral Bevel Gears	$4,060.00
397G	Helical Gear	$4,670.00
397P	Helical Pinion	$1,550.00

Part No.	Description	Price
31028	Vertical Output Shaft	$1,660.00
450	Above Gear Spcr-Interm	$54.00
451	Bet. Gear Spcr-Interm	$54.00
452	Lower Gear Spcr-Output	$93.30
453	Under Gear Spcr-Interm	$54.00
31012	Horizontal Shaft	$798.00
N/A	Horiz Inner Brg Spacer	$66.90
3268	Horiz Brg Locknut Set	$65.70
N/W-09	Horiz Gear Retainer	$9.00
31027	Oil Slinger	$45.70
42587/381	Upper Bearing-Output	$303.00
598A/592A	Lower Bearing-Output	$474.00
JHM807012	Outer Bearing-Horiz	$209.40
JHM807045		
65500	Inner Bearing-Horiz	$200.00
65225		
553X/555S	Upper Bearing-Interm	$146.80
65500	Lower Bearing-Interm	$503.00

Part No.	Description	Price
18733	Horiz Oil Seal Set	$32.20
417504	Output Shaft Seal Set	$108.40
M 313650	Breather Plug	$12.20
824-1008	Brg Shims-Output Shaft	$75.90
825-1008	Gasket Set - Complete	$21.00
826-1008	Brg Shims-Interm Shaft	$75.90
M AS255	O-ring for D1-21	$13.00
M AS246	O-ring for D1-19	$12.40
N/A	Horizontal Carrier Oil Ring	$50.00
910-1008	Gear Key-Interm Shaft	$10.90
911-1008	Gear Key-Horiz Shaft	$2.50
MK 7498-6	Gear Key-Output Shaft	$27.40
913-1008	Oil Slinger Key	$2.50
2 RFD	Oil Pump	$1,050.00
31025	Oil Pump Drive Plate	$230.00
D1-17MR1	Bottom Plug-Oil Pump	$321.00
	Oil and Paint Net	$266.00

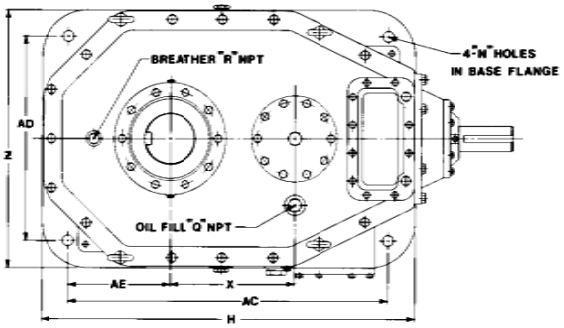
For a complete list of dimensions and specifics please visit page 120.

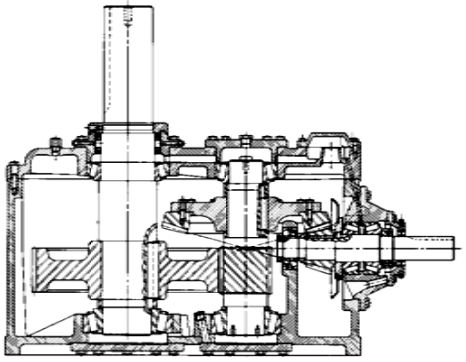
COOLING TOWER DEPOT
The Depot of All Cooling Towers
www.coolingtowerdepot.com

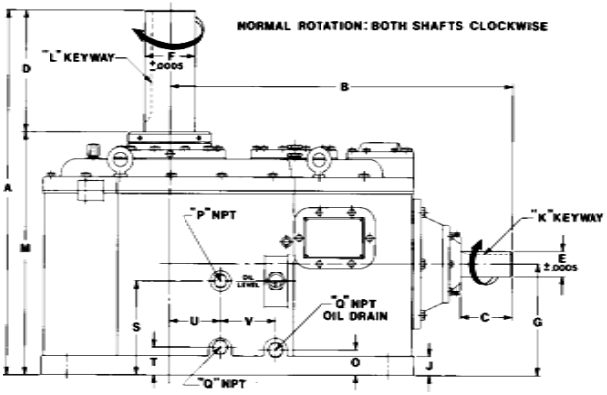
Free! the industries only Online Cooling Tower Design Program With Pricing. Beat That. Free!

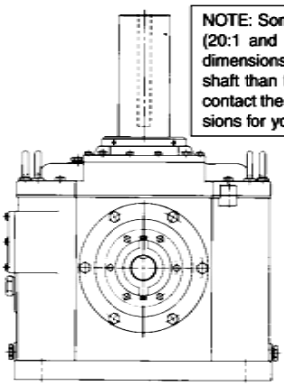
Copyright © 2007 Visit our web site at www.coolingtowerdepot.com for our full Terms and Conditions

1712W Double Reduction

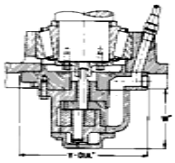








NOTE: Some of the higher ratio gear drives (20:1 and up) may have slightly different dimensions involving the horizontal input shaft than those listed in Table VII. Please contact the factory to verify accurate dimensions for your high ratio applications.



OPTIONAL OIL PUMP
*MINIMUM CLEARANCE
*Optional oil pump is positioned under the intermediate shaft. Contact factory for additional information & certified dimensional drawing.

A	B	C	C with non-reverse	D	E	F	G	H	J	K	L	M	N	O
35 7/8	33 3/4	4 15/16	3 1/4	12	2.436	4.999	11	36 3/4	1 7/8	5/8 x 5/16	1 1/4 x 5/8	23 7/8	1 5/16	1 11/16

P	Q	R	S	T	U	V	W	X	Y	Z	AC	AD	AE	WEIGHT
3/4	1	1/2	9 1/4	2 3/4	5 1/8	5 1/2	6 3/8	12 1/4	10	25 1/4	31 1/2	20	10	2000

Exact Ratio

7.5	8	8.5	9	9.5	10	10.5	11	11.5	12	12.5	13	14	15	15.5	16	17	18	19	20	25
	8.16	8.50	9.04	9.45	9.90	10.60	11.16	11.79	12.20	12.50	12.94	14.00	15.00	15.50	16.25	16.86	18.15	18.86	20.31	25.20

Domestic Shipping. Weight (lbs)	Weight with Export Boxing (lbs)	Export Box Dimensions (L, x W x H) (in)	Vertical Shaft Down Thrust Capacity (pounds)	8900	Thrust ratings vary greatly depending upon the transmitted power and the vertical shaft speed. The rating to the left are the axial loads that can be applied the fan shaft which will always result in a calculated bearing life greater than 100,000 hours. These ratings are based on the worse case from the power rating tables. All models can be supplied with larger thrust bearings or special bearing arrangements. Contact us when the fan loading conditions or the bearing life requirements cannot be satisfied with the ratings from the table.
2125	2230	50 x 30 x 44			

Service Horsepower Ratings (Service Factor =2.0)

RATIO*

Input RPM	7.5	8	8.5	9	9.5	10	10.5	11	11.5	12	12.5	13	14	15	15.5	16	17	18	19	20	25
1750		330	321	312	300	290	280	271	263	255	255	241	229	214	207	200	188	178	169	161	100
1450		273	266	259	249	240	232	225	218	211	211	200	190	177	171	166	156	147	140	133	83
1160		219	213	207	198	192	186	180	174	169	169	160	152	142	137	133	125	118	112	107	66

*Choose models & Ratios in outlined area for standard price and delivery. Contact us for all others.

Prices in this book are subject to change. For updated pricing, please call us at (877)-243-3945 or visit us online at www.coolingtowerdepot.com

COOLING TOWER DEPOT The Depot of All Cooling Towers www.coolingtowerdepot.com

Copyright © 2007 Visit our web site at www.coolingtowerdepot.com for our full Terms and Conditions



Amarillo Double Reduction Gearboxes



1712W

Gearbox

Part No.	Part Description	Price
CTD-1712W	Amarillo Double Reduction Gearbox	$21,331.20

Accessories

CTD-1712W-MOP	Mechanical Oil Pump	$1,126.53
CTD-1712W-OF	Oil Filter	$572.06
CTD-1712W-OHT	Oil Heater and Thermostat	$642.47
CTD-1712W-PS	Pressure Switch	$580.87
CTD-1712W-OLS	Oil Level Switch	$466.45
CTD-1712W-NR	Non-Reverse	$1,328.95
Not Available	Low Speed Option	
CTD-1712W-EB	Export Box	$220.03

Replacement Parts

Part No.	Description	Price
D1-10	Gear Case and	$7,360.00
D1-12	Cover	
D1-11	Upper Seal Plate	$180.00
D1-15	Horiz. Carrier	$549.00
F4-16A	Horiz. Seal Plate	$91.00
D1-17BM	Lower Brg Cover-Interm	$118.00
D1-17AM	Lower Brg Cover-Output	$124.00
D1-18	Cover Plate	$135.00
D1-19	Upper Brg Cover-Interm	$154.00
D1-20	Oil Slinger Plate	$160.00
D1-21	Vertical Seal Carrier	$280.00
D1-22	Vertical Gear Mount	$583.00
L18B	Inspection Plate	$59.30
100	Spiral Bevel Gears	$3,710.00
	11:1 through 16:1 Ratio	
100	Spiral Bevel Gears	$4,060.00
397G	Helical Gear	$4,670.00
397P	Helical Pinion	$1,550.00

Part No.	Description	Price
31028	Vertical Output Shaft	$1,660.00
450	Above Gear Spcr-Interm	$54.00
451	Bet. Gear Spcr-Interm	$54.00
452	Lower Gear Spcr-Output	$93.30
453	Under Gear Spcr-Interm	$54.00
31012	Horizontal Shaft	$798.00
N/A	Horiz Inner Brg Spacer	$66.90
3268	Horiz Brg Locknut Set	$65.70
N/W-09	Horiz Gear Retainer	$9.00
31027	Oil Slinger	$45.70
42587/381	Upper Bearing-Output	$303.00
598A/592A	Lower Bearing-Output	$474.00
JHM807012	Outer Bearing-Horiz	$209.40
JHM807045		
65500	Inner Bearing-Horiz	$200.00
65225		
553X/555S	Upper Bearing-Interm	$146.80
65500	Lower Bearing-Interm	$503.00

Part No.	Description	Price
18733	Horiz Oil Seal Set	$32.20
417504	Output Shaft Seal Set	$108.40
M 313650	Breather Plug	$12.20
824-1008	Brg Shims-Output Shaft	$75.90
825-1008	Gasket Set - Complete	$21.00
826-1008	Brg Shims-Interm Shaft	$75.90
M AS255	O-ring for D1-21	$13.00
M AS246	O-ring for D1-19	$12.40
N/A	Horizontal Carrier Oil Ring	$50.00
910-1008	Gear Key-Interm Shaft	$10.90
911-1008	Gear Key-Horiz Shaft	$2.50
MK 7498-6	Gear Key-Output Shaft	$27.40
913-1008	Oil Slinger Key	$2.50
2 RFD	Oil Pump	$1,050.00
31025	Oil Pump Drive Plate	$230.00
D1-17MR1	Bottom Plug-Oil Pump	$321.00
	Oil and Paint Net	$266.00

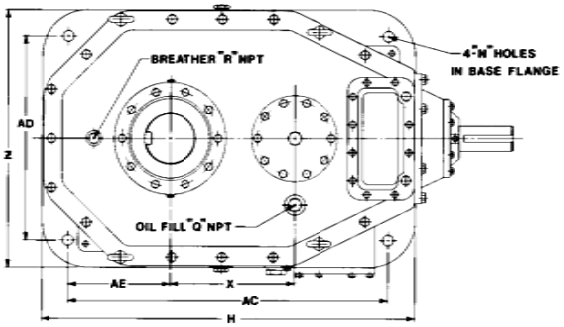
For a complete list of dimensions and specifics please visit page 120.

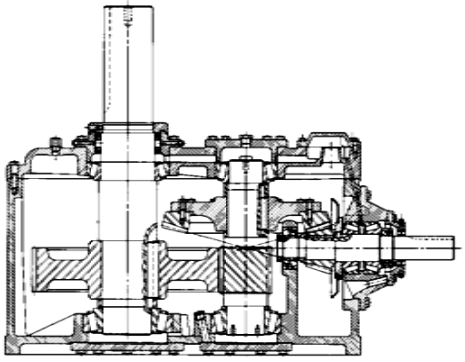
COOLING TOWER DEPOT
The Depot of All Cooling Towers
www.coolingtowerdepot.com

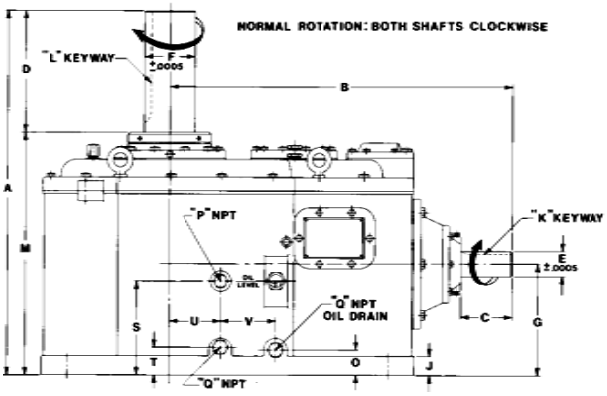
Free! the industries only Online Cooling Tower Design Program With Pricing. Beat That. Free!

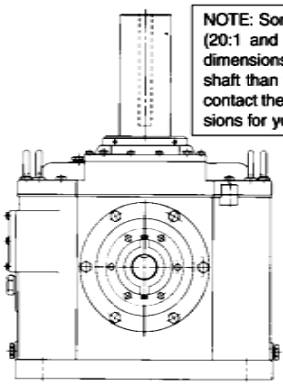
Copyright © 2007 Visit our web site at www.coolingtowerdepot.com for our full Terms and Conditions

1712.5 Double Reduction

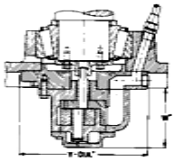








NOTE: Some of the higher ratio gear drives (20:1 and up) may have slightly different dimensions involving the horizontal input shaft than those listed in Table VII. Please contact the factory to verify accurate dimensions for your high ratio applications.



OPTIONAL OIL PUMP
*MINIMUM CLEARANCE
*Optional oil pump is positioned under the intermediate shaft. Contact factory for additional information & certified dimensional drawing.

A	B	C	C with non-reverse	D	E	F	G	H	J	K	L	M	N	O
35 7/8	33 3/4	4 15/16	3 1/4	12	2.436	4.999	11	36 3/4	1 7/8	5/8 x 5/16	1 1/4 x 5/8	23 7/8	1 5/16	1 11/16

P	Q	R	S	T	U	V	W	X	Y	Z	AC	AD	AE	WEIGHT
3/4	1	1/2	9 1/4	2 3/4	5 1/8	5 1/2	6 3/8	12 1/4	10	25 1/4	31 1/2	20	10	2000

Exact Ratio

7.5	8	8.5	9	9.5	10	10.5	11	11.5	12	12.5	13	14	15	15.5	16	17	18	19	20	25
	8.16	8.50	9.04	9.45	9.90	10.60	11.16	11.79	12.20	12.50	12.94	14.00	15.00	15.50	16.25	16.86	18.15	18.86	20.31	25.20

Domestic Shipping. Weight (lbs)	Weight with Export Boxing (lbs)	Export Box Dimensions (L, x W x H) (in)	Vertical Shaft Down Thrust Capacity (pounds)	9250	Thrust ratings vary greatly depending upon the transmitted power and the vertical shaft speed. The rating to the left are the axial loads that can be applied the fan shaft which will always result in a calculated bearing life greater than 100,000 hours. These ratings are based on the worse case from the power rating tables. All models can be supplied with larger thrust bearings or special bearing arrangements. Contact us when the fan loading conditions or the bearing life requirements cannot be satisfied with the ratings from the table.
2400	2540	50 x 32 x 43			

Service Horsepower Ratings (Service Factor =2.0)

RATIO*

Input RPM	7.5	8	8.5	9	9.5	10	10.5	11	11.5	12	12.5	13	14	15	15.5	16	17	18	19	20	25
1750						334	321	309	301	297	288	279	262	252	244	236	231	225	201	193	120
1450						277	266	256	249	246	239	231	217	209	202	196	191	186	167	160	99
1160						221	213	205	200	197	191	185	174	167	162	156	153	149	133	128	80

*Choose models & Ratios in outlined area for standard price and delivery. Contact us for all others.

Prices in this book are subject to change. For updated pricing, please call us at (877)-243-3945 or visit us online at www.coolingtowerdepot.com

COOLING TOWER DEPOT
The Depot of All Cooling Towers
www.coolingtowerdepot.com

Copyright © 2007 Visit our web site at www.coolingtowerdepot.com for our full Terms and Conditions



Amarillo Double Reduction Gearboxes



1712.5

Gearbox

Part No.	Part Description	Price
CTD-1712.5	Amarillo Double Reduction Gearbox	$22,739.20

Accessories

CTD-1712.5-MOP	Mechanical Oil Pump	$1,126.53
CTD-1712.5-OF	Oil Filter	$572.06
CTD-1712.5-OHT	Oil Heater and Thermostat	$642.47
CTD-1712.5-PS	Pressure Switch	$580.87
CTD-1712.5-OLS	Oil Level Switch	$466.45
CTD-1712.5-NR	Non-Reverse	$1,328.95
Not Available	Low Speed Option	
CTD-1712.5-EB	Export Box	$220.03

Replacement Parts

Part No.	Description	Price
D1-10	Gear Case and	$8,090.00
D1-12	Cover	
D1-11	Upper Seal Plate	$180.00
D1-15	Horiz. Carrier	$583.00
F4-16A	Horiz. Seal Plate	$129.00
D1-17BM	Lower Brg Cover-Interm	$118.00
D1-17AM	Lower Brg Cover-Output	$124.00
D1-18	Cover Plate	$135.00
D1-19	Upper Brg Cover-Interm	$154.00
D1-20	Oil Slinger Plate	$160.00
D1-21	Vertical Seal Carrier	$280.00
N/A	Vertical Gear Mount	$583.00
L18B	Inspection Plate	$59.30
100	Spiral Bevel Gears	$3,710.00
	12:1 through 17:1	
100	Spiral Bevel Gears	$4,250.00
397G	Helical Gear	$4,670.00
397P	Helical Pinion	$1,550.00

Part No.	Description	Price
31028	Vertical Output Shaft	$1,660.00
450	Above Gear Spcr-Interm	$54.00
451	Bet. Gear Spcr-Interm	$54.00
452	Lower Gear Spcr-Output	$93.30
453	Under Gear Spcr-Interm	$54.00
31012	Horizontal Shaft	$910.00
550	Horiz Inner Brg Spacer	$66.90
3268	Horiz Brg Locknut Set	$147.00
N/W-09	Horiz Gear Retainer	$9.00
31027	Oil Slinger	$45.70
42587/381	Upper Bearing-Output	$303.00
598A/592A	Lower Bearing-Output	$474.00
JHM807012	Outer Bearing-Horiz	$293.60
JHM807045		
65500	Inner Bearing-Horiz	$200.00
65225		
553X/555S	Upper Bearing-Interm	$146.80
65500	Lower Bearing-Interm	$503.00

Part No.	Description	Price
18733	Horiz Oil Seal Set	$54.40
417504	Output Shaft Seal Set	$108.40
M 313650	Breather Plug	$12.20
824-1008	Brg Shims-Output Shaft	$75.90
825-1008	Gasket Set - Complete	$22.10
826-1008	Brg Shims-Interm Shaft	$75.90
M AS255	O-ring for D1-21	$13.00
M AS246	O-ring for D1-19	$12.40
34106	Horizontal Carrier Oil Ring	$50.00
910-1008	Gear Key-Interm Shaft	$10.90
911-1008	Gear Key-Horiz Shaft	$2.50
MK 7498-6	Gear Key-Output Shaft	$27.40
913-1008	Oil Slinger Key	$2.50
2 RFD	Oil Pump	$1,050.00
31025	Oil Pump Drive Plate	$230.00
D1-17MR1	Bottom Plug-Oil Pump	$321.00
	Oil and Paint Net	$304.00

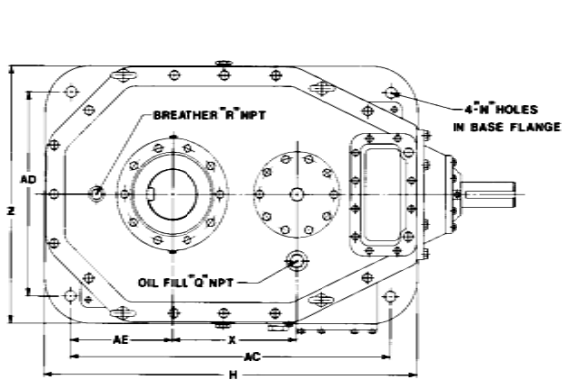
For a complete list of dimensions and specifics please visit page 120.

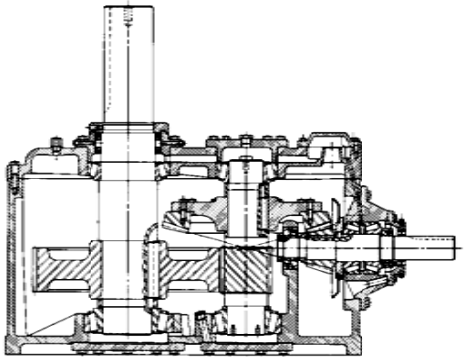
COOLING TOWER DEPOT
The Depot of All Cooling Towers
www.coolingtowerdepot.com

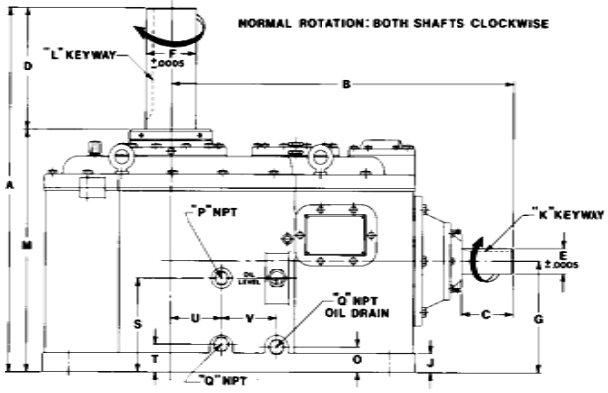
Free! the industries only Online Cooling Tower Design Program With Pricing. Beat That. Free!

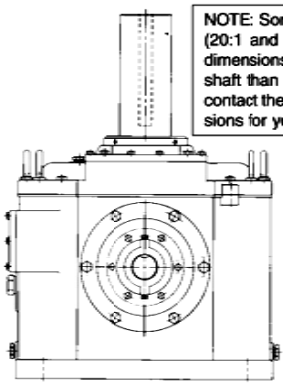
Copyright © 2007 Visit our web site at www.coolingtowerdepot.com for our full Terms and Conditions

1712.5 Double Reduction

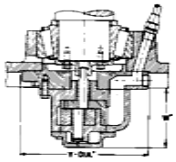








NOTE: Some of the higher ratio gear drives (20:1 and up) may have slightly different dimensions involving the horizontal input shaft than those listed in Table VII. Please contact the factory to verify accurate dimensions for your high ratio applications.



OPTIONAL OIL PUMP
*MINIMUM CLEARANCE
*Optional oil pump is positioned under the intermediate shaft. Contact factory for additional information & certified dimensional drawing.

A	B	C	C with non-reverse	D	E	F	G	H	J	K	L	M	N	O
35 7/8	33 3/4	4 15/16	3 1/4	12	2.436	4.999	11	36 3/4	1 7/8	5/8 x 5/16	1 1/4 x 5/8	23 7/8	1 5/16	1 11/16

P	Q	R	S	T	U	V	W	X	Y	Z	AC	AD	AE	WEIGHT
3/4	1	1/2	9 1/4	2 3/4	5 1/8	5 1/2	6 3/8	12 1/4	10	25 1/4	31 1/2	20	10	2000

Exact Ratio

7.5	8	8.5	9	9.5	10	10.5	11	11.5	12	12.5	13	14	15	15.5	16	17	18	19	20	25
	8.16	8.50	9.04	9.45	9.90	10.60	11.16	11.79	12.20	12.50	12.94	14.00	15.00	15.50	16.25	16.86	18.15	18.86	20.31	25.20

Domestic Shipping. Weight (lbs)	Weight with Export Boxing (lbs)	Export Box Dimensions (L, x W x H) (in)	Vertical Shaft Down Thrust Capacity (pounds)	9250	Thrust ratings vary greatly depending upon the transmitted power and the vertical shaft speed. The rating to the left are the axial loads that can be applied the fan shaft which will always result in a calculated bearing life greater than 100,000 hours. These ratings are based on the worse case from the power rating tables. All models can be supplied with larger thrust bearings or special bearing arrangements. Contact us when the fan loading conditions or the bearing life requirements cannot be satisfied with the ratings from the table.
2400	2540	50 x 32 x 43			

Service Horsepower Ratings (Service Factor =2.0)

RATIO*

Input RPM	7.5	8	8.5	9	9.5	10	10.5	11	11.5	12	12.5	13	14	15	15.5	16	17	18	19	20	25
1750						334	321	309	301	297	288	279	262	252	244	236	231	225	201	193	120
1450						277	266	256	249	246	239	231	217	209	202	196	191	186	167	160	99
1160						221	213	205	200	197	191	185	174	167	162	156	153	149	133	128	80

*Choose models & Ratios in outlined area for standard price and delivery. Contact us for all others.

Prices in this book are subject to change. For updated pricing, please call us at (877)-243-3945 or visit us online at www.coolingtowerdepot.com

COOLING TOWER DEPOT
The Depot of All Cooling Towers
www.coolingtowerdepot.com

Copyright © 2007 Visit our web site at www.coolingtowerdepot.com for our full Terms and Conditions



Amarillo Double Reduction Gearboxes



1712.5W

Gearbox

Part No.	Part Description	Price
CTD-1712.5W	Amarillo Double Reduction Gearbox	$28,054.40

Accessories

CTD-1712.5W-MOP	Mechanical Oil Pump	$1,126.53
CTD-1712.5W-OF	Oil Filter	$572.06
CTD-1712.5W-OHT	Oil Heater and Thermostat	$642.47
CTD-1712.5W-PS	Pressure Switch	$580.87
CTD-1712.5W-OLS	Oil Level Switch	$466.45
CTD-1712.5W-NR	Non-Reverse	$1,328.95
Not Available	Low Speed Option	
CTD-1712.5W-EB	Export Box	$220.03

Replacement Parts

Part No.	Description	Price
D1-10	Gear Case and	$8,090.00
D1-12	Cover	
D1-11	Upper Seal Plate	$180.00
D1-15	Horiz. Carrier	$583.00
F4-16A	Horiz. Seal Plate	$129.00
D1-17BM	Lower Brg Cover-Interm	$118.00
D1-17AM	Lower Brg Cover-Output	$124.00
D1-18	Cover Plate	$135.00
D1-19	Upper Brg Cover-Interm	$154.00
D1-20	Oil Slinger Plate	$160.00
D1-21	Vertical Seal Carrier	$280.00
N/A	Vertical Gear Mount	$583.00
L18B	Inspection Plate	$59.30
100	Spiral Bevel Gears	$3,710.00
	12:1 through 17:1	
100	Spiral Bevel Gears	$4,250.00
397G	Helical Gear	$4,670.00
397P	Helical Pinion	$1,550.00

Part No.	Description	Price
31028	Vertical Output Shaft	$1,660.00
450	Above Gear Spcr-Interm	$54.00
451	Bet. Gear Spcr-Interm	$54.00
452	Lower Gear Spcr-Output	$93.30
453	Under Gear Spcr-Interm	$54.00
31012	Horizontal Shaft	$910.00
550	Horiz Inner Brg Spacer	$66.90
3268	Horiz Brg Locknut Set	$147.00
N/W-09	Horiz Gear Retainer	$9.00
31027	Oil Slinger	$45.70
42587/381	Upper Bearing-Output	$303.00
598A/592A	Lower Bearing-Output	$474.00
JHM807012	Outer Bearing-Horiz	$293.60
JHM807045		
65500	Inner Bearing-Horiz	$200.00
65225		
553X/555S	Upper Bearing-Interm	$146.80
65500	Lower Bearing-Interm	$503.00

Part No.	Description	Price
18733	Horiz Oil Seal Set	$54.40
417504	Output Shaft Seal Set	$108.40
M 313650	Breather Plug	$12.20
824-1008	Brg Shims-Output Shaft	$75.90
825-1008	Gasket Set - Complete	$22.10
826-1008	Brg Shims-Interm Shaft	$75.90
M AS255	O-ring for D1-21	$13.00
M AS246	O-ring for D1-19	$12.40
34106	Horizontal Carrier Oil Ring	$50.00
910-1008	Gear Key-Interm Shaft	$10.90
911-1008	Gear Key-Horiz Shaft	$2.50
MK 7498-6	Gear Key-Output Shaft	$27.40
913-1008	Oil Slinger Key	$2.50
2 RFD	Oil Pump	
31025	Oil Pump Drive Plate	$230.00
D1-17MR1	Bottom Plug-Oil Pump	$321.00
	Oil and Paint Net	$304.00

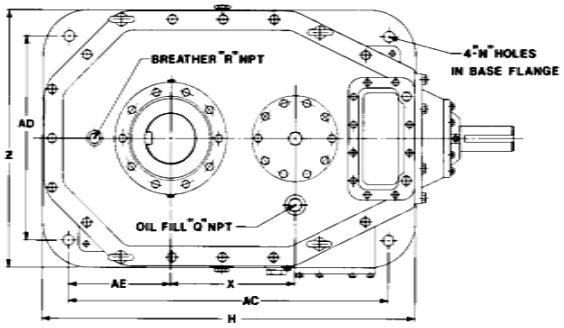
For a complete list of dimensions and specifics please visit page 120.

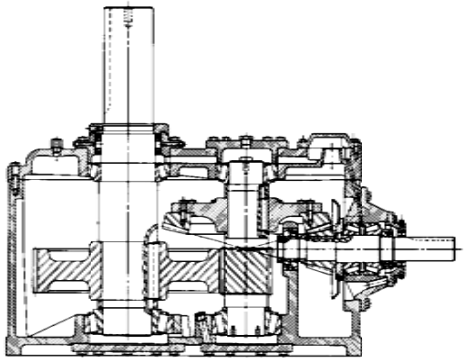
COOLING TOWER DEPOT
The Depot of All Cooling Towers
www.coolingtowerdepot.com

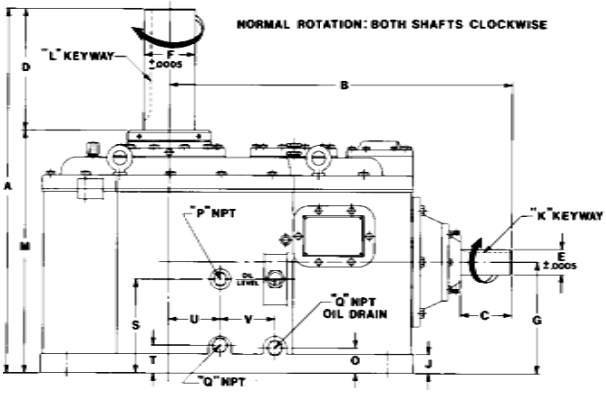
Free! the industries only Online Cooling Tower Design Program With Pricing. Beat That. Free!

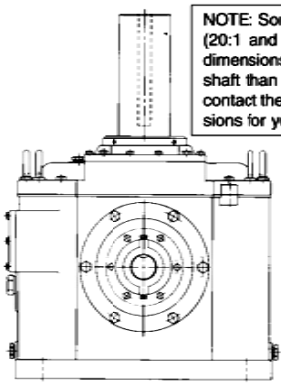
Copyright © 2007 Visit our web site at www.coolingtowerdepot.com for our full Terms and Conditions

1713 Double Reduction

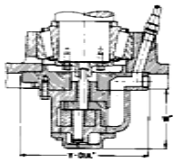








NOTE: Some of the higher ratio gear drives (20:1 and up) may have slightly different dimensions involving the horizontal input shaft than those listed in Table VII. Please contact the factory to verify accurate dimensions for your high ratio applications.



OPTIONAL OIL PUMP
*MINIMUM CLEARANCE
*Optional oil pump is positioned under the intermediate shaft. Contact factory for additional information & certified dimensional drawing.

A	B	C	C with non-reverse	D	E	F	G	H	J	K	L	M	N	O
38 1/8	37 1/4	5 13/16	3 1/2	12	2.936	5.499	12	40 7/8	1 1/2	3/4 x 3/8	1 1/4 x 5/8	26 1/8	1 5/16	1 3/4

P	Q	R	S	T	U	V	W	X	Y	Z	AC	AD	AE	WEIGHT
3/4	1	1/2	9 1/4	3 1/4	3 5/8	5 7/16	6 3/8	13 3/4	10 1/2	29 1/4	34 7/8	23 1/4	11 5/8	2600

Exact Ratio

7.5	8	8.5	9	9.5	10	10.5	11	11.5	12	12.5	13	14	15	15.5	16	17	18	19	20	25
						10.53	11.20	11.71	12.27	12.27	13.13	13.82	15.11	15.48	16.03	17.34	18.27	18.58	20.13	25.15

Domestic Shipping. Weight (lbs)	Weight with Export Boxing (lbs)	Export Box Dimensions (L, x W x H) (in)	Vertical Shaft Down Thrust Capacity (pounds)	10900	Thrust ratings vary greatly depending upon the transmitted power and the vertical shaft speed. The rating to the left are the axial loads that can be applied the fan shaft which will always result in a calculated bearing life greater than 100,000 hours. These ratings are based on the worse case from the power rating tables. All models can be supplied with larger thrust bearings or special bearing arrangements. Contact us when the fan loading conditions or the bearing life requirements cannot be satisfied with the ratings from the table.
2775	3020	55 x 41 x 45			

Service Horsepower Ratings (Service Factor =2.0)

RATIO*

Input RPM	7.5	8	8.5	9	9.5	10	10.5	11	11.5	12	12.5	13	14	15	15.5	16	17	18	19	20	25
1750							392	390	366	343	333	323	310	300	294	285	272	262	250	241	150
1450							325	323	303	284	267	268	257	249	244	236	225	217	207	200	124
1160							260	259	243	227	220	214	205	199	195	189	180	174	166	160	99

*Choose models & Ratios in outlined area for standard price and delivery. Contact us for all others.

Prices in this book are subject to change. For updated pricing, please call us at (877)-243-3945 or visit us online at www.coolingtowerdepot.com

COOLING TOWER DEPOT
The Depot of All Cooling Towers
www.coolingtowerdepot.com

Copyright © 2007 Visit our web site at www.coolingtowerdepot.com for our full Terms and Conditions





1713

Gearbox

Part No.	Part Description	Price
CTD-1712.5W	Amarillo Double Reduction Gearbox	$24,543.20

Accessories

CTD-1712.5W-MOP	Mechanical Oil Pump	$1,223.20
CTD-1712.5W-OF	Oil Filter	$616.00
CTD-1712.5W-OHT	Oil Heater and Thermostat	$695.20
CTD-1712.5W-PS	Pressure Switch	$624.80
CTD-1712.5W-OLS	Oil Level Switch	$510.40
CTD-1712.5W-NR	Non-Reverse	$1,443.20
Not Available	Low Speed Option	
CTD-1712.5W-EB	Export Box	$475.20

Replacement Parts

Part No.	Description	Price
D1-10	Gear Case and	$3,850.00
D1-12	Cover	
D1-11	Upper Seal Plate	$119.00
D1-15	Horiz. Carrier	$360.00
F4-16A	Horiz. Seal Plate	$44.50
D1-17BM	Lower Brg Cover-Interm	$72.20
D1-17AM	Lower Brg Cover-Output	$68.30
D1-18	Cover Plate	$112.00
D1-19	Upper Brg Cover-Interm	$102.00
D1-20	Oil Slinger Plate	$128.00
D1-21	Vertical Seal Carrier	$183.00
N/A	Vertical Gear Mount	
L18B	Inspection Plate	$54.90
100	Spiral Bevel Gears	$1,620.00
397G	Helical Gear	$2,040.00
397P	Helical Pinion	$680.00
31028	Vertical Output Shaft	$746.00
450	Above Gear Spcr-Interm	$17.20

Part No.	Description	Price
451	Bet. Gear Spcr-Interm	$17.20
452	Lower Gear Spcr-Output	$57.80
453	Under Gear Spcr-Interm	$17.20
31012	Horizontal Shaft	$520.00
N/A	Horiz Inner Brg Spacer	
3268	Horiz Brg Locknut Set	$41.20
N/W-09	Horiz Gear Retainer	$6.20
31027	Oil Slinger	$39.70
42587/381	Upper Bearing-Output	$66.80
598A/592A	Lower Bearing-Output	$64.40
JHM807012	Outer Bearing-Horiz	$56.10
JHM807045		
65500	Inner Bearing-Horiz	$85.50
65225		
553X/555S	Upper Bearing-Interm	$54.80
65500	Lower Bearing-Interm	$85.50
65225		
18733	Horiz Oil Seal Set	$16.00

Part No.	Description	Price
417504	Output Shaft Seal Set	$41.60
M 313650	Breather Plug	$11.30
824-1008	Brg Shims-Output Shaft	$53.50
825-1008	Gasket Set - Complete	$13.40
826-1008	Brg Shims-Interm Shaft	$53.50
M AS255	O-ring for D1-21	$3.90
M AS246	O-ring for D1-19	$3.90
N/A	Horizontal Carrier Oil Ring	
910-1008	Gear Key-Interm Shaft	$2.30
911-1008	Gear Key-Horiz Shaft	$1.30
MK 7498-6	Gear Key-Output Shaft	$8.10
913-1008	Oil Slinger Key	$1.30
2 RFD	Oil Pump	$348.00
31025	Oil Pump Drive Plate	$172.00
D1-17MR1	Bottom Plug-Oil Pump	$224.00
	Oil and Paint Net	$128.00

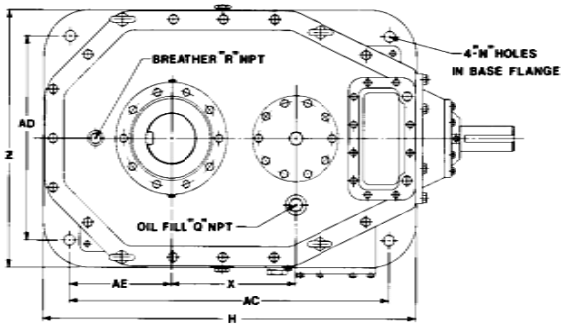
For a complete list of dimensions and specifics please visit page 120.

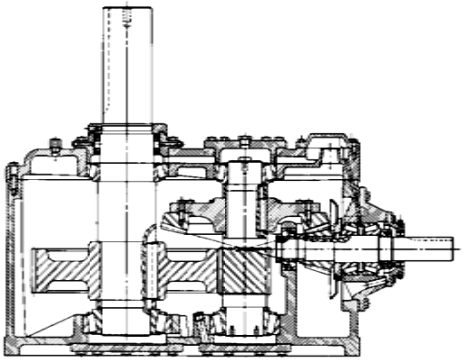
COOLING TOWER DEPOT
The Depot of All Cooling Towers
www.coolingtowerdepot.com

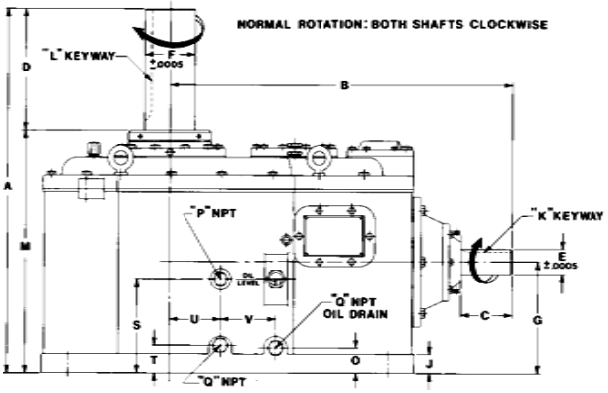
Free! the industries only Online Cooling Tower Design Program With Pricing. Beat That. Free!

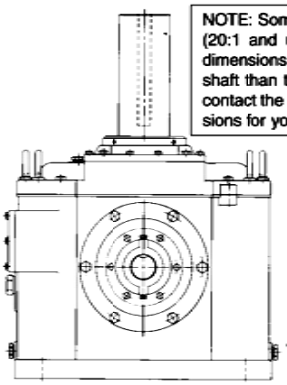
Copyright © 2007 Visit our web site at www.coolingtowerdepot.com for our full Terms and Conditions

1713W Double Reduction

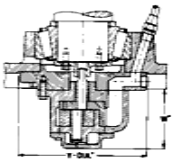








NOTE: Some of the higher ratio gear drives (20:1 and up) may have slightly different dimensions involving the horizontal input shaft than those listed in Table VII. Please contact the factory to verify accurate dimensions for your high ratio applications.



OPTIONAL OIL PUMP
*MINIMUM CLEARANCE
*Optional oil pump is positioned under the intermediate shaft. Contact factory for additional information & certified dimensional drawing.

A	B	C	C with non-reverse	D	E	F	G	H	J	K	L	M	N	O
39 5/8	37 1/4	5 13/16	3 1/2	12	2.936	5.499	13 1/2	41	1 1/2	314 x 3/8	1 1/4 x 5/8	27 5/8	1 5/16	3 1/4

P	Q	R	S	T	U	V	W	X	Y	Z	AC	AD	AE	WEIGHT
3/4	1	1/2	10 3/4	4 3/4	3 5/8	5 7/16	4 7/8	13 3/4	10 1/2	36	34 7/8	33	11 5/8	3180

Exact Ratio

7.5	8	8.5	9	9.5	10	10.5	11	11.5	12	12.5	13	14	15	15.5	16	17	18	19	20	25
						10.53	11.20	11.71	12.27	12.27	13.13	13.82	15.11	15.48	16.03	17.34	18.27	18.58	20.13	25.15

Domestic Shipping. Weight (lbs)	Weight with Export Boxing (lbs)	Export Box Dimensions (L, x W x H) (in)	Vertical Shaft Down Thrust Capacity (pounds)	16000	Thrust ratings vary greatly depending upon the transmitted power and the vertical shaft speed. The rating to the left are the axial loads that can be applied the fan shaft which will always result in a calculated bearing life greater than 100,000 hours. These ratings are based on the worse case from the power rating tables. All models can be supplied with larger thrust bearings or special bearing arrangements. Contact us when the fan loading conditions or the bearing life requirements cannot be satisfied with the ratings from the table.
3600	3855	55 x 47 x 47			

Service Horsepower Ratings (Service Factor =2.0)

RATIO*

Input RPM	7.5	8	8.5	9	9.5	10	10.5	11	11.5	12	12.5	13	14	15	15.5	16	17	18	19	20	25
1750							392	390	366	343	333	323	310	300	294	285	272	262	250	241	150
1450							325	323	303	284	267	268	257	249	244	236	225	217	207	200	124
1160							260	259	243	227	220	214	205	199	195	189	180	174	166	160	99

*Choose models & Ratios in outlined area for standard price and delivery. Contact us for all others.

Prices in this book are subject to change. For updated pricing, please call us at (877)-243-3945 or visit us online at www.coolingtowerdepot.com

COOLING TOWER DEPOT
The Depot of All Cooling Towers
www.coolingtowerdepot.com

Copyright © 2007 Visit our web site at www.coolingtowerdepot.com for our full Terms and Conditions





1713W

Gearbox

Part No.	Part Description	Price
CTD-1712.5W	Amarillo Double Reduction Gearbox	$28,054.40

Accessories

CTD-1712.5W-MOP	Mechanical Oil Pump	$1,126.53
CTD-1712.5W-OF	Oil Filter	$572.06
CTD-1712.5W-OHT	Oil Heater and Thermostat	$642.47
CTD-1712.5W-PS	Pressure Switch	$580.87
CTD-1712.5W-OLS	Oil Level Switch	$466.45
CTD-1712.5W-NR	Non-Reverse	$1,328.95
Not Available	Low Speed Option	
CTD-1712.5W-EB	Export Box	$220.03

Replacement Parts

Part No.	Description	Price
D1-10	Gear Case and	$3,850.00
D1-12	Cover	
D1-11	Upper Seal Plate	$119.00
D1-15	Horiz. Carrier	$360.00
F4-16A	Horiz. Seal Plate	$44.50
D1-17BM	Lower Brg Cover-Interm	$72.20
D1-17AM	Lower Brg Cover-Output	$68.30
D1-18	Cover Plate	$112.00
D1-19	Upper Brg Cover-Interm	$102.00
D1-20	Oil Slinger Plate	$128.00
D1-21	Vertical Seal Carrier	$183.00
N/A	Vertical Gear Mount	
L18B	Inspection Plate	$54.90
100	Spiral Bevel Gears	$1,620.00
397G	Helical Gear	$2,040.00
397P	Helical Pinion	$680.00
31028	Vertical Output Shaft	$746.00
450	Above Gear Spcr-Interm	$17.20

Part No.	Description	Price
451	Bet. Gear Spcr-Interm	$17.20
452	Lower Gear Spcr-Output	$57.80
453	Under Gear Spcr-Interm	$17.20
31012	Horizontal Shaft	$520.00
N/A	Horiz Inner Brg Spacer	
3268	Horiz Brg Locknut Set	$41.20
N/W-09	Horiz Gear Retainer	$6.20
31027	Oil Slinger	$39.70
42587/381	Upper Bearing-Output	$66.80
598A/592A	Lower Bearing-Output	$64.40
JHM807012	Outer Bearing-Horiz	$56.10
JHM807045		
65500	Inner Bearing-Horiz	$85.50
65225		
553X/555S	Upper Bearing-Interm	$54.80
65500	Lower Bearing-Interm	$85.50
65225		
18733	Horiz Oil Seal Set	$16.00

Part No.	Description	Price
417504	Output Shaft Seal Set	$41.60
M 313650	Breather Plug	$11.30
824-1008	Brg Shims-Output Shaft	$53.50
825-1008	Gasket Set - Complete	$13.40
826-1008	Brg Shims-Interm Shaft	$53.50
M AS255	O-ring for D1-21	$3.90
M AS246	O-ring for D1-19	$3.90
N/A	Horizontal Carrier Oil Ring	
910-1008	Gear Key-Interm Shaft	$2.30
911-1008	Gear Key-Horiz Shaft	$1.30
MK 7498-6	Gear Key-Output Shaft	$8.10
913-1008	Oil Slinger Key	$1.30
2 RFD	Oil Pump	$348.00
31025	Oil Pump Drive Plate	$172.00
D1-17MR1	Bottom Plug-Oil Pump	$224.00
	Oil and Paint Net	$128.00

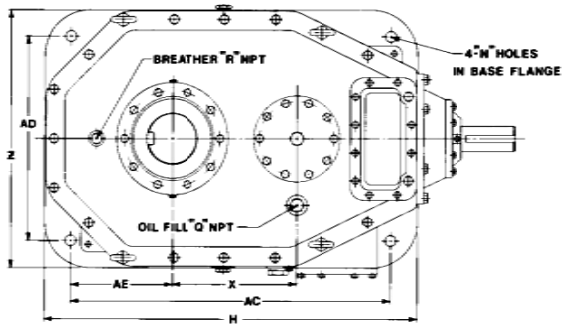
For a complete list of dimensions and specifics please visit page 120.

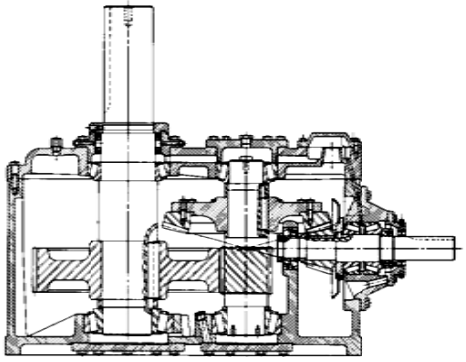
COOLING TOWER DEPOT
The Depot of All Cooling Towers
www.coolingtowerdepot.com

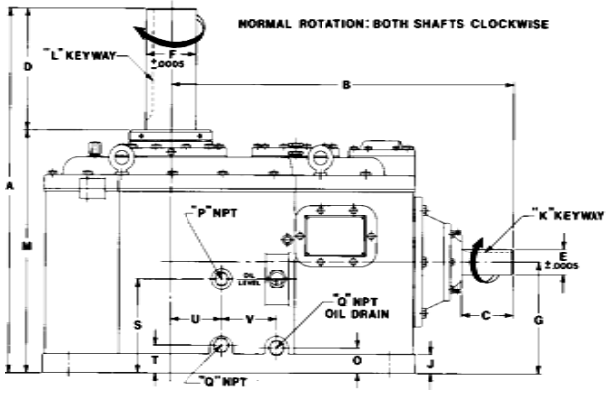
Free! the industries only Online Cooling Tower Design Program With Pricing. Beat That. Free!

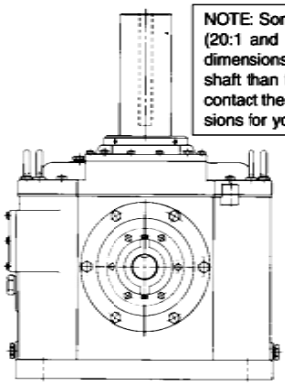
Copyright © 2007 Visit our web site at www.coolingtowerdepot.com for our full Terms and Conditions

1814 Double Reduction

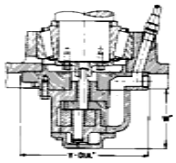








NOTE: Some of the higher ratio gear drives (20:1 and up) may have slightly different dimensions involving the horizontal input shaft than those listed in Table VII. Please contact the factory to verify accurate dimensions for your high ratio applications.



OPTIONAL OIL PUMP
*MINIMUM CLEARANCE
*Optional oil pump is positioned under the intermediate shaft. Contact factory for additional information & certified dimensional drawing.

A	B	C	C with non-reverse	D	E	F	G	H	J	K	L	M	N	O
44 3/4	39 1/4	5 7/8	5 7/8	15	3.124	6.498	14 1/2	44 1/4	2 1/2	3/4 x 3/8	1 1/2 x 3/4	29 3/4	1 9/16	2

P	Q	R	S	T	U	V	W	X	Y	Z	AC	AD	AE	WEIGHT
3/4	1	1/2	9 1/4	3 1/4	3 5/8	5 7/16	6 3/8	13 3/4	10 1/2	29 1/4	34 7/8	23 1/4	11 5/8	2600

Exact Ratio

7.5	8	8.5	9	9.5	10	10.5	11	11.5	12	12.5	13	14	15	15.5	16	17	18	19	20	25
									12.06	12.52	13.15	14.21	15.23	15.50	16.07	16.88	18.24	18.82	20.02	25.04

Domestic Shipping. Weight (lbs)	Weight with Export Boxing (lbs)	Export Box Dimensions (L, x W x H) (in)	Vertical Shaft Down Thrust Capacity (pounds)	17000	Thrust ratings vary greatly depending upon the transmitted power and the vertical shaft speed. The rating to the left are the axial loads that can be applied the fan shaft which will always result in a calculated bearing life greater than 100,000 hours. These ratings are based on the worse case from the power rating tables. All models can be supplied with larger thrust bearings or special bearing arrangements. Contact us when the fan loading conditions or the bearing life requirements cannot be satisfied with the ratings from the table.
4270	4530	65 x 50 x 51			

Service Horsepower Ratings (Service Factor =2.0)

RATIO*

Input RPM	7.5	8	8.5	9	9.5	10	10.5	11	11.5	12	12.5	13	14	15	15.5	16	17	18	19	20	25
1750										454	436	419	389	363	356	345	324	309	291	279	238
1450										376	361	346	322	301	295	286	268	255	241	231	197
1160										301	289	277	258	241	236	229	215	204	192	184	158

*Choose models & Ratios in outlined area for standard price and delivery. Contact us for all others.

Prices in this book are subject to change. For updated pricing, please call us at (877)-243-3945 or visit us online at www.coolingtowerdepot.com

COOLING TOWER DEPOT
The Depot of All Cooling Towers
www.coolingtowerdepot.com

Copyright © 2007 Visit our web site at www.coolingtowerdepot.com for our full Terms and Conditions



Amarillo Double Reduction Gearboxes



1814

Gearbox

Part No.	Part Description	Price
CTD-1814	Amarillo Double Reduction Gearbox	$35,631.20

Accessories

CTD-1814-MOP	Mechanical Oil Pump	$1,126.53
CTD-1814-OF	Oil Filter	$572.06
CTD-1814-OHT	Oil Heater and Thermostat	$642.47
CTD-1814-PS	Pressure Switch	$580.87
CTD-1814-OLS	Oil Level Switch	$466.45
CTD-1814-NR	Non-Reverse	$1,663.39
Not Available	Low Speed Option	
CTD-1814-EB	Export Box	$242.03

Replacement Parts

Part No.	Description	Price	Part No.	Description	Price	Part No.	Description	Price
D6-1012	Gear Case and Cover	$10,310.00	451	Bet. Gear Spcr-Interm	$222.00	826-1814	Brg Shims-Interm Shaft	$93.60
D6-11	Upper Seal Plate	$252.00	452	Lower Gear Spcr-Output	$174.00	9-1604-21	Pre-Load Springs (8)	$51.20
D6-15R	Horiz. Inner Bearing Carrier	$900.00	453	Under Gear Spcr-Interm	$121.00	AS379	O-Ring Vertical Seal Carrier	$13.00
D6-15T	Horiz. Outer Bearing Carrier	$740.00	6217	Horiz Brg Locknut Set	$147.00	AS376	O-Ring Interm Upper Brg Carrier	$10.70
D6-16	Horiz. Oil Seal Plate	$237.00	12148	Inner Bearing Retainer	$510.00	AS456	O-Ring Horz Inner Brg Carrier	$21.00
D6-17B	Bottom Plug-Intermediate	$280.00	36014	Oil Slinger	$58.00	AS276	O-Ring Horz Outer Brg Carrier	$15.40
D6-43	Outer Bearing Carrier	$865.00	67790	Upper Bearing-Output	$452.00	AS170	O-Ring Oil Seal Plate	$11.70
D6-18	Oil Pocket Cover Plate	$226.00	N232	Lower Radial Bearing-Output	$2,210.00	AS367	O-Ring Interm Lower Brg Cover	$7.90
D6-19	Upper Brg Cover-Interm	$406.00	98350	Outer Bearing-Horiz (2)	$972.00	AS381	O-Ring Thrust Brg Carrier	$16.30
L18B	Inspection Plate	$59.30	22310C	Inner Bearing-Horiz	$200.00	MK 7498-11	Gear Key-Interm Shaft	$18.90
D4-20 3.5	Oil Slinger Plate	$160.00	932/941	Upper Bearing-Interm	$461.00	MK 7501-4	Gear Key-Output Shaft	$52.70
D6-21	Vertical Seal Carrier	$580.00	49	Lower Bearing-Interm	$1,444.00	MK 8	Oil Slinger Key	$1.40
D6-22	Vertical Gear Mount	$768.00	29326	Lower Thrust Bearing - Output	$1,680.00	HV 2379	Oil Pump, replaces AG530G	$1,050.00
100	Spiral Bevel Gears	$5,240.00	31189	Horiz Oil Seal Set (2)	$58.00	36015	Oil Pump Drive Plate	$315.00
578G	Helical Gear	$8,510.00	70052	Vertical Oil Seal Set (2)	$226.00	D6-17BM	Bottom Plug-Oil Pump	$473.00
578P	Helical Pinion	$2,420.00	M 313650	Breather Plug	$12.20		Oil and Paint Net	$405.00
36028	Vertical Output Shaft	$2,510.00	824-1814	Brg Shims-Output Shaft	$93.60			
450	Above Gear Spcr-Interm	$222.00	825-1814	Gasket Set - Complete	$7.90			

For a complete list of dimensions and specifics please visit page 120.

COOLING TOWER DEPOT
The Depot of All Cooling Towers
www.coolingtowerdepot.com

Free! the industries only Online Cooling Tower Design Program With Pricing. Beat That. Free!

Copyright © 2007 Visit our web site at www.coolingtowerdepot.com for our full Terms and Conditions



Amarillo Gears IN STOCK
Available for IMMEDIATE Shipment

Amarillo A-Series Gearboxes

Brand New Gearboxes In Stock Now!
A-Series Single Reduction



CTD-A20-S Cooling Tower Gearbox — Brand New In Stock Price **$4,416.00**



CTD-A22-S Cooling Tower Gearbox — Brand New In Stock Price **$6,312.00**



CTD-A27-S Cooling Tower Gearbox — Brand New In Stock Price **$12,192.00**

Brand New Gearboxes In Stock Now!
A-Series Double Reduction



CTD-A32-S Cooling Tower Gearbox — Brand New In Stock Price **$22,896.00**



CTD-A34-S Cooling Tower Gearbox — Brand New In Stock Price **$31,548.00**



CTD-A36-S Cooling Tower Gearbox — Brand New In Stock Price **$37,380.00**

Prices in this book are subject to change. For updated pricing, please call us at (877)-243-3945 or visit us online at www.coolingtowerdepot.com

COOLING TOWER DEPOT™ The Depot of All Cooling Towers www.coolingtowerdepot.com

Copyright © 2007 Visit our web site at www.coolingtowerdepot.com for our full Terms and Conditions

Amarillo Gears IN STOCK
Available for IMMEDIATE Shipment



Amarillo Right Angle Gearboxes

Brand New Gearboxes In Stock Now!
Single Reduction Gear Boxes



CTD-65-S Single Reduction Cooling Tower Gearbox — Brand New In Stock Price **$2,052.00**



CTD-85-S Single Reduction Cooling Tower Gearbox — Brand New In Stock Price **$2,628.00**



CTD-110-S Single Reduction Cooling Tower Gearbox — Brand New In Stock Price **$3,600.00**



CTD-135-S Single Reduction Cooling Tower Gearbox — Brand New In Stock Price **$4,752.00**



CTD-155-S Single Reduction Cooling Tower Gearbox — Brand New In Stock Price **$6,816.00**



CTD-175-S Single Reduction Cooling Tower Gearbox — Brand New In Stock Price **$8,424.00**

Brand New Gearboxes In Stock Now!
Double Reduction Gear Boxes



CTD-1008-S Double Reduction Cooling Tower Gearbox — Brand New In Stock Price **$11,496.00**



CTD-1110-S Double Reduction Cooling Tower Gearbox — Brand New In Stock Price **$14,736.00**



CTD-1311-S Double Reduction Cooling Tower Gearbox — Brand New In Stock Price **$19,332.00**



CTD-1712-S Double Reduction Cooling Tower Gearbox — Brand New In Stock Price **$22,332.00**



CTD-1713-S Double Reduction Cooling Tower Gearbox — Brand New In Stock Price **$33,468.00**

COOLING TOWER DEPOT
The Depot of All Cooling Towers
www.coolingtowerdepot.com

Free! the industries only Online Cooling Tower Design Program With Pricing. Beat That. Free!

Copyright © 2007 Visit our web site at www.coolingtowerdepot.com for our full Terms and Conditions

TABLE III - DOUBLE REDUCTION

Service Horsepower Ratings (Service Factor = 2.0)																						
Model	Input RPM	Ratio*																				
		7.5	8	8.5	9	9.5	10	10.5	11	11.5	12	12.5	13	14	15	15.5	16	17	18	19	20	25
1008	1750	100	100	100	100	95	90	86	82	78	75	75	75	60	60	45	43	39	37	35	33	30
	1450	83	83	83	83	79	75	71	68	65	62	62	62	50	50	37	36	32	30	29	27	25
	1160	66	66	66	66	63	60	57	54	52	50	50	50	40	40	30	29	26	24	23	22	20
1110	1750	142	142	141	140	135	130	130	130	125	125	125	125	120	100	97	95	90	85	80	75	55
	1450	118	118	117	116	112	108	108	108	104	104	104	104	99	83	80	79	75	70	66	62	46
	1160	94	94	93	93	89	86	86	86	83	83	83	83	80	66	64	63	60	56	53	50	36
1311	1750		210	208	206	198	190	183	176	171	165	163	160	155	150	148	147	137	129	117	110	78
	1450		174	172	171	164	157	151	146	141	137	135	133	128	124	123	122	114	107	97	91	65
	1160		139	138	137	131	126	121	117	113	109	107	106	103	99	98	97	91	86	78	73	52
1712	1750		330	321	312	300	290	280	271	263	255	255	241	229	214	207	200	188	178	169	161	100
	1450		273	266	259	249	240	232	225	218	211	211	200	190	177	171	166	156	147	140	133	83
	1160		219	213	207	198	192	186	180	174	169	169	160	152	142	137	133	125	118	112	107	66
1713	1750			428	428	428	395	392	390	366	343	333	323	310	300	294	285	272	262	250	241	150
	1450			355	355	355	327	325	323	303	284	267	268	257	249	244	236	225	217	207	200	124
	1160			284	284	284	262	260	259	243	227	220	214	205	199	195	189	180	174	166	160	99
1814	1750						492	492	492	473	454	436	419	389	363	356	345	324	309	291	279	238
	1450						407	407	407	391	376	361	346	322	301	295	286	268	255	241	231	197
	1160						326	326	326	313	301	289	277	258	241	236	229	215	204	192	184	158
2016	1750										530		500	480	460	454	440	420	400	380	360	315
	1450										439		414	398	381	376	365	348	331	315	298	261
	1160										351		331	318	305	301	292	278	265	252	239	209

*Contact factory for intermediate ratios and ratios greater than 20:1.

TABLE IV - VERTICAL SHAFT DOWN THRUST CAPACITY (Pounds)

Model	Thrust
65	1500
85	1750
110	2650
135	2500
155	4700
175	5150

Model	Thrust
1008	3800
1110	5400
1311	5950
1311W	12000
1712	8900
1712W	13000
1713	10900
1713W	16000
1814	17000
2016	17000

Thrust ratings vary greatly depending upon the transmitted power and the vertical shaft speed. The ratings in TABLE IV are the axial loads that can be applied to the fan shaft which will always result in a calculated bearing life greater than 100,000 hours L_{10}. These ratings are based on the worse case from the power rating tables. All models can be supplied with larger thrust bearings or special bearing arrangements. Contact the factory when the fan loading conditions or the bearing life requirements cannot be satisfied with the ratings from the tables.

TABLE V - WEIGHTS & SHIPPING DIMENSIONS

Model	Domestic Shipping Weight (lbs)	Weight with Export Boxing (lbs)	Export Box Dimensions (L x W x H) (in)
65	100	135	22 x 14 x 21
85	215	245	27 x 15 x 27
110	350	395	29 x 19 x 34
135	530	550	36 x 23 x 34
155	705	855	40 x 27 x 41
175	855	940	40 x 27 x 41
1008	875	980	40 x 27 x 41
1110	1375	1485	48 x 28 x 41
1311	1690	1775	48 x 28 x 41
1311W	2025	2155	48 x 35 x 43
1712	2125	2230	50 x 30 x 44
1712W	2585	2725	50 x 36 x 48
1713	2745	2995	55 x 41 x 45
1713W	3325	3575	55 x 47 x 47
1814	4270	4530	65 x 50 x 51
2016	6690	6970	70 x 46 x 55

TABLE VI - EXACT RATIO

MODEL	2.0	2.5	3.0	3.25	3.5	3.75	4.0	4.25	4.5	4.75	5.0	5.5	6.0	6.5	7.0	7.5	8.0	8.5	9.0	9.5
65	2.00	2.47	2.94	3.27	3.54		3.92		4.55		4.90									
85	2.05	2.56	3.00	3.23	3.50	3.75	4.00	4.27	4.55	4.70	5.00	5.56	6.00	6.56	7.00					
110			3.00	3.25	3.46	3.77	4.00	4.25	4.45	4.73	5.00	5.50	6.00	6.56	7.00	7.50	8.00			
135			3.00	3.26	3.50	3.73	4.00	4.25	4.50	4.73	5.00	5.50	6.00	6.56	7.00	7.50	8.00	8.57	9.00	
155			3.05	3.24	3.50	3.75	4.00	4.21	4.54	4.77	5.08	5.58	6.00	6.56	7.11	7.50	8.00	8.50	9.00	
175			3.05	3.24	3.50	3.75	4.06	4.21	4.54	4.71	5.08	5.58	6.09	6.60	7.10	7.56	8.13	8.50	9.14	9.57

MODEL	7.5	8	8.5	9	9.5	10	10.5	11	11.5	12	12.5	13	14	15	15.5	16	17	18	19	20	25
1008	7.53	7.97	8.72	8.96	9.64	9.90	10.43	11.08	11.45	11.94	12.51	12.93	13.93	14.86	15.48	16.00	17.14	18.16	18.98	19.81	24.76
1110	7.50	7.96	8.52	8.96	9.35	10.19	10.50	11.05	11.50	11.96	12.50	12.94	14.06	15.00	15.58	16.07	16.92	18.08	18.75	20.00	25.00
1311		8.00	8.72	9.04	9.45	9.90	10.46	11.14	11.35	12.16	12.61	12.93	13.93	14.86	15.79	16.18	17.33	18.04	18.67	19.81	24.76
1712		8.16	8.50	9.04	9.45	9.90	10.60	11.16	11.79	12.20	12.50	12.94	14.00	15.00	15.50	16.25	16.86	18.15	18.86	20.31	25.20
1713			8.71	8.71	9.53	10.11	10.53	11.20	11.71	12.27	12.27	13.13	13.82	15.11	15.48	16.03	17.34	18.27	18.58	20.13	25.15
1814						9.98	10.53	11.16	11.41	12.06	12.52	13.15	14.21	15.23	15.50	16.07	16.88	18.24	18.82	20.02	25.04
2016										12.08		13.04	13.86	15.25	15.50	16.05	16.84	17.94	18.67	20.00	25.00

Prices in this book are subject to change. For updated pricing, please call us at (877)-243-3945 or visit us online at www.coolingtowerdepot.com

COOLING TOWER DEPOT
The Depot of All Cooling Towers
www.coolingtowerdepot.com

Copyright © 2007 Visit our web site at www.coolingtowerdepot.com for our full Terms and Conditions

Sumitomo SFC Series Cooling Tower Gearboxes





45R2

Gearbox

Part No.	Part Description	Price
CTD-45R2	Sumitomo Gearbox	$9,343.14

Accessories

CTD-45R2-TS	Temperature Switch	$284.74
CTD-45R2-FS	Flow Switch *	$401.22
CTD-45R2-OF	Oil Filter *	$284.74
CTD-45R2-OHS	Oil Heater	$453.00
CTD-45R2-PS	Pressure Switch *	$284.74
CTD-45R2-OLS	Oil Level Switch	$258.86
CTD-45R2-NR	Non-Reverse	$711.84
CTD-45R2-LLSE	Extension LSS up to + 4"	$194.14
CTD-45R2-PL	Pump Lubrication	$207.08



55R2

Gearbox

Part No.	Part Description	Price
CTD-55R2	Sumitomo Gearbox	$12,453.41

Accessories

CTD-55R2-TS	Temperature Switch	$284.74
CTD-55R2-FS	Flow Switch *	$401.22
CTD-55R2-OF	Oil Filter *	$284.74
CTD-55R2-OHS	Oil Heater	$453.00
CTD-55R2-PS	Pressure Switch *	$284.74
CTD-55R2-OLS	Oil Level Switch	$258.86
CTD-55R2-NR	Non-Reverse	$711.84
CTD-55R2-LLSE	Extension LSS up to + 4''	$194.14
CTD-55R2-PL	Pump Lubrication	$207.08

***The 'Pump Lubrication' accessory is required when ordering these items.**

For a listing of dimensions and fan speeds, see page 124.

COOLING TOWER DEPOT
The Depot of All Cooling Towers
www.coolingtowerdepot.com

Free! the industries only Online Cooling Tower Design Program With Pricing. Beat That. Free!

Copyright © 2007 Visit our web site at www.coolingtowerdepot.com for our full Terms and Conditions



Sumitomo SFC Series Cooling Tower Gearboxes

60R2



Gearbox

Part No.	Part Description	Price
CTD-60R2	Sumitomo Gearbox	$13,362.85

Accessories

CTD-60R2-TS	Temperature Switch	$284.74
CTD-60R2-FS	Flow Switch *	$401.22
CTD-60R2-OF	Oil Filter *	$284.74
CTD-60R2-OHS	Oil Heater	$453.00
CTD-60R2-PS	Pressure Switch *	$284.74
CTD-60R2-OLS	Oil Level Switch	$258.86
CTD-60R2-NR	Non-Reverse	$711.84
CTD-60R2-LLSE	Extension LSS up to + 4"	$194.14
CTD-60R2-PL	Pump Lubrication	$207.08

65R2



Gearbox

Part No.	Part Description	Price
CTD-65R2	Sumitomo Gearbox	$14,059.60

Accessories

CTD-65R2-TS	Temperature Switch	$284.74
CTD-65R2-FS	Flow Switch *	$401.22
CTD-65R2-OF	Oil Filter *	$284.74
CTD-65R2-OHS	Oil Heater	$453.00
CTD-65R2-PS	Pressure Switch *	$284.74
CTD-65R2-OLS	Oil Level Switch	$258.86
CTD-65R2-NR	Non-Reverse	$711.84
CTD-65R2-LLSE	Extension LSS up to + 4"	$194.14
CTD-65R2-PL	Pump Lubrication	$207.08

***The 'Pump Lubrication' accessory is required when ordering these items.**

For a listing of dimensions and fan speeds, see page 122.

Prices in this book are subject to change. For updated pricing, please call us at (877)-243-3945 or visit us online at www.coolingtowerdepot.com

COOLING TOWER DEPOT
The Depot of All Cooling Towers
www.coolingtowerdepot.com

Copyright © 2007 Visit our web site at www.coolingtowerdepot.com for our full Terms and Conditions

Sumitomo SFC Series Cooling Tower Gearboxes





70R2

Gearbox

Part No.	Part Description	Price
CTD-70R2	Sumitomo Gearbox	$18,056.91

Accessories

CTD-70R2-TS	Temperature Switch	$284.74
CTD-70R2-FS	Flow Switch *	$401.22
CTD-70R2-OF	Oil Filter *	$284.74
CTD-70R2-OHS	Oil Heater	$453.00
CTD-70R2-PS	Pressure Switch *	$284.74
CTD-70R2-OLS	Oil Level Switch	$258.86
CTD-70R2-NR	Non-Reverse	$711.84
CTD-70R2-LLSE	Extension LSS up to + 4"	$194.14
CTD-70R2-PL	Pump Lubrication	$207.08



75R2

Gearbox

Part No.	Part Description	Price
CTD-75R2	Sumitomo Gearbox	$28,456.27

Accessories

CTD-75R2-TS	Temperature Switch	$284.74
CTD-75R2-FS	Flow Switch *	$401.22
CTD-75R2-OF	Oil Filter *	$284.74
CTD-75R2-OHS	Oil Heater	$453.00
CTD-75R2-PS	Pressure Switch *	$284.74
CTD-75R2-OLS	Oil Level Switch	$258.86
CTD-75R2-NR	Non-Reverse	$711.84
CTD-75R2-LLSE	Extension LSS up to + 4"	$194.14
CTD-75R2-PL	Pump Lubrication	$207.08

***The 'Pump Lubrication' accessory is required when ordering these items.**

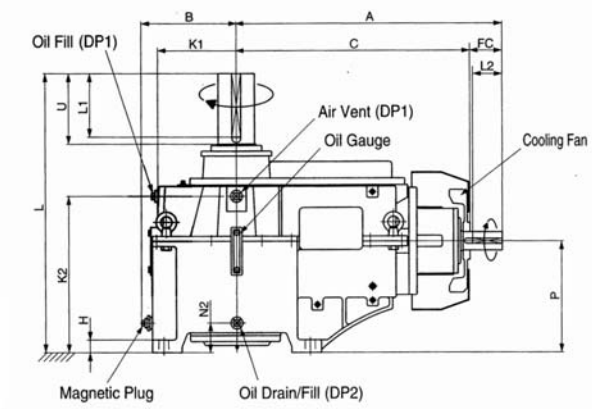
For a listing of dimensions and fan speeds, see page 124.

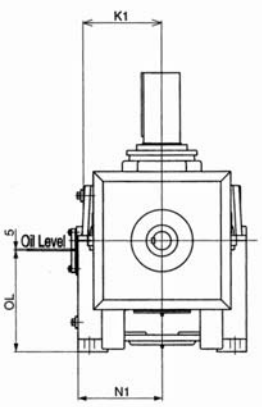
COOLING TOWER DEPOT
The Depot of All Cooling Towers
www.coolingtowerdepot.com

Free! the industries only Online Cooling Tower Design Program With Pricing. Beat That. Free!

Copyright © 2007 Visit our web site at www.coolingtowerdepot.com for our full Terms and Conditions

Sumitomo SFC Series Cooling Tower Gearboxes



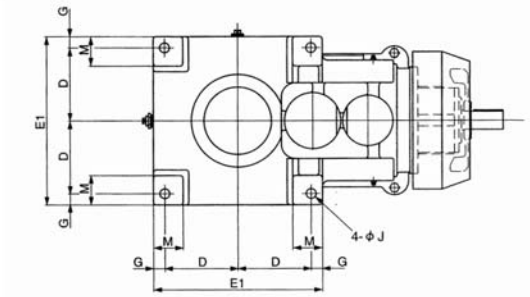


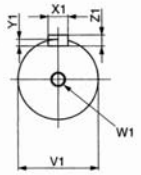
Motor Size vs. Fan Speed — Input Speed 1800 r/min

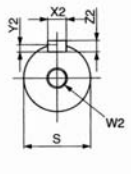
Fan Speed r/min	285	253	225	200	180	160	144	128	112	100
Reduction Ratio	6.3	7.1	8	9	10	11.2	12.5	14	16	18

Motor (kW): 55, 75, 90, 110, 132, 160, 200, 250, 280

Gearbox Size: SFC045 SFC055 SFC060 SFC065 SFC070 SFC075







Units : mm

Size	A	B	C	D	E1	G	H	J (Installation Bolt)		L	P	M	Weight (kg)	Oil Q'ty (Liters)	OL
045	725	262	645	200	470	35	38	28	(M24)	725	290	95	365	24	260
055	794	301	714	225	530	40	40	35	(M30)	795	320	105	435	34	290
060	865	318	750	240	560	40	45	35	(M30)	900	370	105	660	52	335
065	946	338	831	260	600	40	45	35	(M30)	990	395	105	830	55	360
070	965	363	850	275	650	50	52	42	(M36)	1010	415	135	960	75	375
075	1018	383	903	295	690	50	52	42	(M36)	1045	450	135	1250	95	410

Size	Low Speed Shaft							High Speed Shaft							Pipe Thread					
	V1	U1	L1	X1	Y1	Z1	W1/Depth	S	FC	L2	X2	Y2	Z2	W2/Depth	DP1	K1	K2	DP2	N1	N2
045	100m6	210	190	28	10	16	M24/50	45k6	80	80	14	5.5	9	M16/36	R 1	190	393	R 1 1/4	235	80
055	110m6	210	190	28	10	16	M24/50	50k6	80	80	14	5.5	9	M16/36	R 1	210	445	R 1 1/4	265	100
060	120m6	210	185	32	11	18	M24/50	60m6	115	105	18	7	11	M20/42	R 1 1/4	260	505	R 1 1/4	280	105
065	130m6	250	225	32	11	18	M24/50	65m6	115	105	18	7	11	M20/42	R 1 1/4	280	555	R 1 1/4	300	105
070	140m6	250	225	36	12	20	M30/60	65m6	115	105	18	7	11	M20/42	R 1 1/4	290	575	R 1 1/4	325	105
075	150m6	250	225	36	12	20	M30/60	65m6	115	105	18	7	11	M20/42	R 1 1/4	310	610	R 1 1/4	345	105

Attention

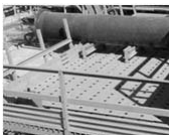
(1) Keys and keyways for both high speed and low speed shafts conform to ISO/R773-1969 close key. (JIS B 1301-1996 Parallel Key in Fastening Type)
(2) The oil quantity shown is approximate. Fill to the appropriate level using the oil level gauge.
(3) Air breather and air breather pipe are assembled by the customer and installed on site. A pipe extending from the gearbox to outside the fan stack should be prepared. Piping parts are not included.
(4) The installation bolts should be rated JIS Class 8.8 .
(5) To maintain coupling alignment, stop plates or knock pins should be installed to prevent gearbox twisting on its base due to fan operation.

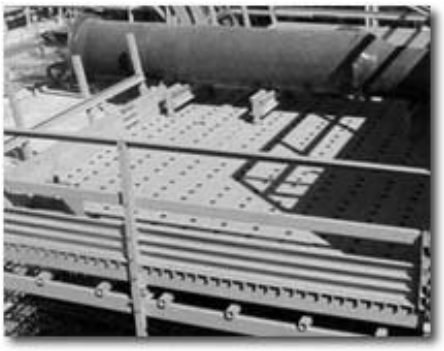
Prices in this book are subject to change. For updated pricing, please call us at (877)-243-3945 or visit us online at www.coolingtowerdepot.com

COOLING TOWER DEPOT
The Depot of All Cooling Towers
www.coolingtowerdepot.com

Copyright © 2007 Visit our web site at www.coolingtowerdepot.com for our full Terms and Conditions

Hot Water Deck/Basins





Hot Water Decks/Basins may utilize any of the following materials:

Plywood
FRP
Lumber

Please see pages 162 for Plywood, page 156 for FRP or page 127 for Lumber options.



Custom Hot Water Basin Covers are available for any size or model crossflow cooling tower. Utilizing FRP or pressure treated plywood.

Please call customer service at (877) 243-3945 for sizing and pricing.

COOLING TOWER DEPOT
The Depot of All Cooling Towers
www.coolingtowerdepot.com
Free! the industries only Online Cooling Tower Design Program With Pricing. Beat That. Free!

Copyright © 2007 Visit our web site at www.coolingtowerdepot.com for our full Terms and Conditions

Ladders —Escape/Access



Ladders — Escape/Access

	Part No.	Part Description	Price
	**CTD-AL-DF**	Pressure Treated Douglas Fir Vertical Access Ladder with 304 Stainless Steel Hardware (minimum height 6')	**$53.48 / ft.**
	**CTD-AL-FRP**	Pultruded FRP Vertical Access Ladder with 304 Stainless Steel Hardware (minimum height 6')	**$69.19 / ft.**
	**CTD-EL-FRP**	Pultruded FRP Escape Ladder with 304 Stainless Steel Hardware (minimum height 10')	**$140.80 / ft.**
	**CTD-EL-HDG**	HDG Escape Ladder with HDG Hardware (minimum height 10')	**$108.59 / ft.**
	**CTD-SAFETYGATE**	FRP Yellow safety gate for escape ladders or any confined area opening (HDG hardware standard, optional stainless steel)	**$192.37 / ft.**

Prices in this book are subject to change. For updated pricing, please call us at (877)-243-3945 or visit us online at www.coolingtowerdepot.com

Copyright © 2007 Visit our web site at www.coolingtowerdepot.com for our full Terms and Conditions

Lumber — Douglas Fir

Pressure Treated Douglas Fir #1 & Better





1" x 4"

Part No.	Part Description	Price (ea)
CTD-1.4.10-DF	1" X 4" X 10' S4S	$6.15
CTD-1.4.12-DF	1" X 4" X 12' S4S	$7.38
CTD-1.4.14-DF	1" X 4" X 14' S4S	$8.61
CTD-1.4.16-DF	1" X 4" X 16' S4S	$9.84
CTD-1.4.18-DF	1" X 4" X 18' S4S	$11.07
CTD-1.4.20-DF	1" X 4" X 20' S4S	$12.30

1" x 6"

Part No.	Part Description	Price (ea)
CTD-1.6.10-DF	1" X 6" X 10' S4S	$8.40
CTD-1.6.12-DF	1" X 6" X 12' S4S	$10.08
CTD-1.6.14-DF	1" X 6" X 14' S4S	$11.76
CTD-1.6.16-DF	1" X 6" X 16' S4S	$13.44
CTD-1.6.18-DF	1" X 6" X 18' S4S	$15.12
CTD-1.6.20-DF	1" X 6" X 20' S4S	$16.80

All lumber is pressure treated Douglas Fir No. 1 or better.
Pressure treatment is CCA Type “C”.

COOLING TOWER DEPOT
The Depot of All Cooling Towers
www.coolingtowerdepot.com



Copyright © 2007 Visit our web site at www.coolingtowerdepot.com for our full Terms and Conditions

Lumber — Douglas Fir



Pressure Treated Douglas Fir #1 Or Better



1" x 6" T&G

Part No.	Part Description	Price (ea)
CTD-1.6.10TG-DF	1" X 6" X 10' T&G	$9.30
CTD-1.6.12TG-DF	1" X 6" X 12' T&G	$11.16
CTD-1.6.14TG-DF	1" X 6" X 14' T&G	$13.02
CTD-1.6.16TG-DF	1" X 6" X 16' T&G	$14.88
CTD-1.6.18TG-DF	1" X 6" X 18' T&G	$16.74
CTD-1.6.20TG-DF	1" X 6" X 20' T&G	$18.60

2" x 2"

Part No.	Part Description	Price (ea)
CTD-2.2.10-DF	2" X 2" X 10' S4S FOHC	$6.15
CTD-2.2.12-DF	2" X 2" X 12' S4S FOHC	$7.38
CTD-2.2.14-DF	2" X 2" X 14' S4S FOHC	$8.61
CTD-2.2.16-DF	2" X 2" X 16' S4S FOHC	$9.84
CTD-2.2.18-DF	2" X 2" X 18' S4S FOHC	$11.07
CTD-2.2.20-DF	2" X 2" X 20' S4S FOHC	$12.30

All lumber is pressure treated Douglas Fir No. 1 or better.
Pressure treatment is CCA Type “C”.

Prices in this book are subject to change. For updated pricing, please call us at (877)-243-3945 or visit us online at www.coolingtowerdepot.com

Copyright © 2007 Visit our web site at www.coolingtowerdepot.com for our full Terms and Conditions

Lumber — Douglas Fir

Pressure Treated Douglas Fir #1 Or Better





2" x 4"

Part No.	Part Description	Price (ea)
CTD-2.4.10-DF	2" X 4" X 10' S4S FOHC	$9.90
CTD-2.4.12-DF	2" X 4" X 12' S4S FOHC	$11.88
CTD-2.4.14-DF	2" X 4" X 14' S4S FOHC	$13.86
CTD-2.4.16-DF	2" X 4" X 16' S4S FOHC	$15.84
CTD-2.4.18-DF	2" X 4" X 18' S4S FOHC	$17.82
CTD-2.4.20-DF	2" X 4" X 20' S4S FOHC	$19.80

2" x 6"

Part No.	Part Description	Price (ea)
CTD-2.6.10-DF	2" X 6" X 10' S4S FOHC	$14.85
CTD-2.6.12-DF	2" X 6" X 12' S4S FOHC	$17.82
CTD-2.6.14-DF	2" X 6" X 14' S4S FOHC	$20.79
CTD-2.6.16-DF	2" X 6" X 16' S4S FOHC	$23.76
CTD-2.6.18-DF	2" X 6" X 18' S4S FOHC	$26.73
CTD-2.6.20-DF	2" X 6" X 20' S4S FOHC	$29.70

All lumber is pressure treated Douglas Fir No. 1 or better.
Pressure treatment is CCA Type “C”.

COOLING TOWER DEPOT
The Depot of All Cooling Towers
www.coolingtowerdepot.com



Copyright © 2007 Visit our web site at www.coolingtowerdepot.com for our full Terms and Conditions

Lumber — Douglas Fir



Pressure Treated Douglas Fir #1 Or Better



2" x 6" T&G

Part No.	Part Description	Price (ea)
CTD-2.6.10TG-DF	2" X 6" X 10' T&G FAN DECK	$16.65
CTD-2.6.12TG-DF	2" X 6" X 12' T&G FAN DECK	$19.98
CTD-2.6.14TG-DF	2" X 6" X 14' T&G FAN DECK	$23.31
CTD-2.6.16TG-DF	2" X 6" X 16' T&G FAN DECK	$26.64
CTD-2.6.18TG-DF	2" X 6" X 18' T&G FAN DECK	$29.97
CTD-2.6.20TG-DF	2" X 6" X 20' T&G FAN DECK	$33.30

2" x 8"

Part No.	Part Description	Price (ea)
CTD-2.8.10-DF	2" X 8" X 10' S4S FOHC	$23.40
CTD-2.8.12-DF	2" X 8" X 12' S4S FOHC	$28.08
CTD-2.8.14-DF	2" X 8" X 14' S4S FOHC	$32.76
CTD-2.8.16-DF	2" X 8" X 16' S4S FOHC	$37.44
CTD-2.8.18-DF	2" X 8" X 18' S4S FOHC	$42.12
CTD-2.8.20-DF	2" X 8" X 20' S4S FOHC	$46.80

All lumber is pressure treated Douglas Fir No. 1 or better.
Pressure treatment is CCA Type “C”.

Prices in this book are subject to change. For updated pricing, please call us at (877)-243-3945 or visit us online at www.coolingtowerdepot.com

COOLING TOWER DEPOT
The Depot of All Cooling Towers
www.coolingtowerdepot.com

Copyright © 2007 Visit our web site at www.coolingtowerdepot.com for our full Terms and Conditions

Pressure Treated Douglas Fir #1 Or Better





2" x 10"

Part No.	Part Description	Price (ea)
CTD-2.10.10-DF	2" X 10" X 10' S4S FOHC	$29.25
CTD-2.10.12-DF	2" X 10" X 12' S4S FOHC	$35.10
CTD-2.10.14-DF	2" X 10" X 14' S4S FOHC	$40.95
CTD-2.10.16-DF	2" X 10" X 16' S4S FOHC	$46.80
CTD-2.10.18-DF	2" X 10" X 18' S4S FOHC	$52.65
CTD-2.10.20-DF	2" X 10" X 20' S4S FOHC	$58.50

2" x 12"

Part No.	Part Description	Price (ea)
CTD-2.12.10-DF	2" X 12" X 10' S4S FOHC	$35.10
CTD-2.12.12-DF	2" X 12" X 12' S4S FOHC	$42.12
CTD-2.12.14-DF	2" X 12" X 14' S4S FOHC	$49.14
CTD-2.12.16-DF	2" X 12" X 16' S4S FOHC	$56.16
CTD-2.12.18-DF	2" X 12" X 18' S4S FOHC	$63.18
CTD-2.12.20-DF	2" X 12" X 20' S4S FOHC	$70.20

All lumber is pressure treated Douglas Fir No. 1 or better.
Pressure treatment is CCA Type “C”.

COOLING TOWER DEPOT
The Depot of All Cooling Towers
www.coolingtowerdepot.com
Free! the industries only Online Cooling Tower Design Program With Pricing. Beat That. Free!

Copyright © 2007 Visit our web site at www.coolingtowerdepot.com for our full Terms and Conditions

Lumber — Douglas Fir



Pressure Treated Douglas Fir #1 Or Better



3" x 4"

Part No.	Part Description	Price (ea)
CTD-3.4.10-DF	3" X 4" X 10' S4S FOHC	**$21.90**
CTD-3.4.12-DF	3" X 4" X 12' S4S FOHC	**$26.28**
CTD-3.4.14-DF	3" X 4" X 14' S4S FOHC	**$30.66**
CTD-3.4.16-DF	3" X 4" X 16' S4S FOHC	**$35.04**
CTD-3.4.18-DF	3" X 4" X 18' S4S FOHC	**$39.42**
CTD-3.4.20-DF	3" X 4" X 20' S4S FOHC	**$43.80**

3" x 6"

Part No.	Part Description	Price (ea)
CTD-3.6.10-DF	3" X 6" X 10' S4S FOHC	**$36.45**
CTD-3.6.12-DF	3" X 6" X 12' S4S FOHC	**$43.74**
CTD-3.6.14-DF	3" X 6" X 14' S4S FOHC	**$51.03**
CTD-3.6.16-DF	3" X 6" X 16' S4S FOHC	**$58.32**
CTD-3.6.18-DF	3" X 6" X 18' S4S FOHC	**$65.61**
CTD-3.6.20-DF	3" X 6" X 20' S4S FOHC	**$72.90**

All lumber is pressure treated Douglas Fir No. 1 or better.
Pressure treatment is CCA Type “C”.

Prices in this book are subject to change. For updated pricing, please call us at (877)-243-3945 or visit us online at www.coolingtowerdepot.com

COOLING TOWER DEPOT
The Depot of All Cooling Towers
www.coolingtowerdepot.com

Copyright © 2007 Visit our web site at www.coolingtowerdepot.com for our full Terms and Conditions

Pressure Treated Douglas Fir #1 Or Better





4" x 4"

Part No.	Part Description	Price (ea)
CTD-4.4.10-DF	4" X 4" X 10' S4S FOHC	$24.60
CTD-4.4.12-DF	4" X 4" X 12' S4S FOHC	$29.52
CTD-4.4.14-DF	4" X 4" X 14' S4S FOHC	$34.44
CTD-4.4.16-DF	4" X 4" X 16' S4S FOHC	$39.36
CTD-4.4.18-DF	4" X 4" X 18' S4S FOHC	$44.28
CTD-4.4.20-DF	4" X 4" X 20' S4S FOHC	$49.20

4" x 6"

Part No.	Part Description	Price (ea)
CTD-4.6.10-DF	4" X 6" X 10' S4S FOHC	$37.50
CTD-4.6.12-DF	4" X 6" X 12' S4S FOHC	$45.00
CTD-4.6.14-DF	4" X 6" X 14' S4S FOHC	$52.50
CTD-4.6.16-DF	4" X 6" X 16' S4S FOHC	$60.00
CTD-4.6.18-DF	4" X 6" X 18' S4S FOHC	$67.50
CTD-4.6.20-DF	4" X 6" X 20' S4S FOHC	$75.00

All lumber is pressure treated Douglas Fir No. 1 or better.
Pressure treatment is CCA Type “C”.

COOLING TOWER DEPOT
The Depot of All Cooling Towers
www.coolingtowerdepot.com
Free! the industries only Online Cooling Tower Design Program With Pricing. Beat That. Free!

Copyright © 2007 Visit our web site at www.coolingtowerdepot.com for our full Terms and Conditions

Lumber — Douglas Fir



Pressure Treated Douglas Fir #1 Or Better



4" x 8"

Part No.	Description	Price (ea)
CTD-4.8.10-DF	4" X 8" X 10' S4S FOHC	**$57.45**
CTD-4.8.12-DF	4" X 8" X 12' S4S FOHC	**$68.94**
CTD-4.8.14-DF	4" X 8" X 14' S4S FOHC	**$80.43**
CTD-4.8.16-DF	4" X 8" X 16' S4S FOHC	**$91.92**
CTD-4.8.18-DF	4" X 8" X 18' S4S FOHC	**$103.41**
CTD-4.8.20-DF	4" X 8" X 20' S4S FOHC	**$114.90**

All lumber is pressure treated Douglas Fir No. 1 or better.
Pressure treatment is CCA Type “C”.

Prices in this book are subject to change. For updated pricing, please call us at (877)-243-3945 or visit us online at www.coolingtowerdepot.com

Copyright © 2007 Visit our web site at www.coolingtowerdepot.com for our full Terms and Conditions

Pressure Treated Redwood #1 Or Better





1" x 4"

Part No.	Part Description	Price (ea)
CTD-1.4.10-RW	1" X 4" X 10' S4S	$9.23
CTD-1.4.12-RW	1" X 4" X 12' S4S	$11.07
CTD-1.4.14-RW	1" X 4" X 14' S4S	$12.91
CTD-1.4.16-RW	1" X 4" X 16' S4S	$14.76
CTD-1.4.18-RW	1" X 4" X 18' S4S	$16.60
CTD-1.4.20-RW	1" X 4" X 20' S4S	$18.45

1" x 6"

Part No.	Part Description	Price (ea)
CTD-1.6.10-RW	1" X 6" X 10' S4S	$12.60
CTD-1.6.12-RW	1" X 6" X 12' S4S	$15.12
CTD-1.6.14-RW	1" X 6" X 14' S4S	$17.64
CTD-1.6.16-RW	1" X 6" X 16' S4S	$20.16
CTD-1.6.18-RW	1" X 6" X 18' S4S	$22.68
CTD-1.6.20-RW	1" X 6" X 20' S4S	$25.20

All lumber is pressure treated redwood No. 1 or better.
Pressure treatment is CCA Type “C”.

COOLING TOWER DEPOT
The Depot of All Cooling Towers
www.coolingtowerdepot.com
Free! the industries only Online Cooling Tower Design Program With Pricing. Beat That. Free!

Copyright © 2007 Visit our web site at www.coolingtowerdepot.com for our full Terms and Conditions

Lumber — Redwood



Pressure Treated Redwood #1 Or Better



1" x 6" T&G

Part No.	Part Description	Price (ea)
CTD-1.6.10TG-RW	1" X 6" X 10' T&G	$13.95
CTD-1.6.12TG-RW	1" X 6" X 12' T&G	$16.74
CTD-1.6.14TG-RW	1" X 6" X 14' T&G	$19.53
CTD-1.6.16TG-RW	1" X 6" X 16' T&G	$22.32
CTD-1.6.18TG-RW	1" X 6" X 18' T&G	$25.11
CTD-1.6.20TG-RW	1" X 6" X 20' T&G	$27.90

2" x 2"

Part No.	Part Description	Price (ea)
CTD-2.2.10-RW	2" X 2" X 10' S4S FOHC	$9.23
CTD-2.2.12-RW	2" X 2" X 12' S4S FOHC	$11.07
CTD-2.2.14-RW	2" X 2" X 14' S4S FOHC	$12.91
CTD-2.2.16-RW	2" X 2" X 16' S4S FOHC	$14.76
CTD-2.2.18-RW	2" X 2" X 18' S4S FOHC	$16.60
CTD-2.2.20-RW	2" X 2" X 20' S4S FOHC	$18.45

All lumber is pressure treated redwood No. 1 or better.
Pressure treatment is CCA Type “C”.

Prices in this book are subject to change. For updated pricing, please call us at (877)-243-3945 or visit us online at www.coolingtowerdepot.com

COOLING TOWER DEPOT
The Depot of All Cooling Towers
www.coolingtowerdepot.com

Copyright © 2007 Visit our web site at www.coolingtowerdepot.com for our full Terms and Conditions

Lumber — Redwood

Pressure Treated Redwood #1 Or Better





2" x 4"

Part No.	Part Description	Price (ea)
CTD-2.4.10-RW	2" X 4" X 10' S4S FOHC	$14.85
CTD-2.4.12-RW	2" X 4" X 12' S4S FOHC	$17.82
CTD-2.4.14-RW	2" X 4" X 14' S4S FOHC	$20.79
CTD-2.4.16-RW	2" X 4" X 16' S4S FOHC	$23.76
CTD-2.4.18-RW	2" X 4" X 18' S4S FOHC	$26.73
CTD-2.4.20-RW	2" X 4" X 20' S4S FOHC	$29.70

2" x 6"

Part No.	Part Description	Price (ea)
CTD-2.6.10-RW	2" X 6" X 10' S4S FOHC	$22.28
CTD-2.6.12-RW	2" X 6" X 12' S4S FOHC	$26.73
CTD-2.6.14-RW	2" X 6" X 14' S4S FOHC	$31.19
CTD-2.6.16-RW	2" X 6" X 16' S4S FOHC	$35.64
CTD-2.6.18-RW	2" X 6" X 18' S4S FOHC	$40.09
CTD-2.6.20-RW	2" X 6" X 20' S4S FOHC	$44.55

All lumber is pressure treated redwood No. 1 or better.
Pressure treatment is CCA Type “C”.

COOLING TOWER DEPOT
The Depot of All Cooling Towers
www.coolingtowerdepot.com



Copyright © 2007 Visit our web site at www.coolingtowerdepot.com for our full Terms and Conditions

Lumber — Redwood



Pressure Treated Redwood #1 Or Better



2" x 6" T&G

Part No.	Part Description	Price (ea)
CTD-2.6.10TG-RW	2" X 6" X 10' T&G FAN DECK	$24.97
CTD-2.6.12TG-RW	2" X 6" X 12' T&G FAN DECK	$29.97
CTD-2.6.14TG-RW	2" X 6" X 14' T&G FAN DECK	$34.96
CTD-2.6.16TG-RW	2" X 6" X 16' T&G FAN DECK	$39.96
CTD-2.6.18TG-RW	2" X 6" X 18' T&G FAN DECK	$44.95
CTD-2.6.20TG-RW	2" X 6" X 20' T&G FAN DECK	$49.95

2" x 8"

Part No.	Part Description	Price (ea)
CTD-2.8.10-RW	2" X 8" X 10' S4S FOHC	$35.10
CTD-2.8.12-RW	2" X 8" X 12' S4S FOHC	$42.12
CTD-2.8.14-RW	2" X 8" X 14' S4S FOHC	$49.14
CTD-2.8.16-RW	2" X 8" X 16' S4S FOHC	$56.16
CTD-2.8.18-RW	2" X 8" X 18' S4S FOHC	$63.18
CTD-2.8.20-RW	2" X 8" X 20' S4S FOHC	$70.20

All lumber is pressure treated redwood No. 1 or better.
Pressure treatment is CCA Type “C”.

Prices in this book are subject to change. For updated pricing, please call us at (877)-243-3945 or visit us online at www.coolingtowerdepot.com

Copyright © 2007 Visit our web site at www.coolingtowerdepot.com for our full Terms and Conditions

Pressure Treated Redwood #1 Or Better





2" x 10"

Part No.	Part Description	Price (ea)
CTD-2.10.10-RW	2" X 10" X 10' S4S FOHC	$43.88
CTD-2.10.12-RW	2" X 10" X 12' S4S FOHC	$52.65
CTD-2.10.14-RW	2" X 10" X 14' S4S FOHC	$61.43
CTD-2.10.16-RW	2" X 10" X 16' S4S FOHC	$70.20
CTD-2.10.18-RW	2" X 10" X 18' S4S FOHC	$78.98
CTD-2.10.20-RW	2" X 10" X 20' S4S FOHC	$87.75

2" x 12"

Part No.	Part Description	Price (ea)
CTD-2.12.10-RW	2" X 12" X 10' S4S FOHC	$52.65
CTD-2.12.12-RW	2" X 12" X 12' S4S FOHC	$63.18
CTD-2.12.14-RW	2" X 12" X 14' S4S FOHC	$73.71
CTD-2.12.16-RW	2" X 12" X 16' S4S FOHC	$84.24
CTD-2.12.18-RW	2" X 12" X 18' S4S FOHC	$94.77
CTD-2.12.20-RW	2" X 12" X 20' S4S FOHC	$105.30

All lumber is pressure treated redwood No. 1 or better.
Pressure treatment is CCA Type “C”.

COOLING TOWER DEPOT
The Depot of All Cooling Towers
www.coolingtowerdepot.com
Free! the industries only Online Cooling Tower Design Program With Pricing. Beat That. Free!

Copyright © 2007 Visit our web site at www.coolingtowerdepot.com for our full Terms and Conditions

Lumber — Redwood



Pressure Treated Redwood #1 Or Better



3" x 4"

Part No.	Part Description	Price (ea)
CTD-3.4.10-RW	3" X 4" X 10' S4S FOHC	$32.85
CTD-3.4.12-RW	3" X 4" X 12' S4S FOHC	$39.42
CTD-3.4.14-RW	3" X 4" X 14' S4S FOHC	$45.99
CTD-3.4.16-RW	3" X 4" X 16' S4S FOHC	$52.56
CTD-3.4.18-RW	3" X 4" X 18' S4S FOHC	$59.13
CTD-3.4.20-RW	3" X 4" X 20' S4S FOHC	$65.70

3" x 6"

Part No.	Part Description	Price (ea)
CTD-3.6.10-RW	3" X 6" X 10' S4S FOHC	$54.68
CTD-3.6.12-RW	3" X 6" X 12' S4S FOHC	$65.61
CTD-3.6.14-RW	3" X 6" X 14' S4S FOHC	$76.54
CTD-3.6.16-RW	3" X 6" X 16' S4S FOHC	$87.48
CTD-3.6.18-RW	3" X 6" X 18' S4S FOHC	$98.42
CTD-3.6.20-RW	3" X 6" X 20' S4S FOHC	$109.35

All lumber is pressure treated redwood No. 1 or better.
Pressure treatment is CCA Type “C”.

Prices in this book are subject to change. For updated pricing, please call us at (877)-243-3945 or visit us online at www.coolingtowerdepot.com

COOLING TOWER DEPOT
The Depot of All Cooling Towers
www.coolingtowerdepot.com

Copyright © 2007 Visit our web site at www.coolingtowerdepot.com for our full Terms and Conditions

Lumber — Redwood

Pressure Treated Redwood #1 Or Better





4" x 4"

Part No.	Part Description	Price (ea)
CTD-4.4.10-RW	4" X 4" X 10' S4S FOHC	$36.90
CTD-4.4.12-RW	4" X 4" X 12' S4S FOHC	$44.28
CTD-4.4.14-RW	4" X 4" X 14' S4S FOHC	$51.66
CTD-4.4.16-RW	4" X 4" X 16' S4S FOHC	$59.04
CTD-4.4.18-RW	4" X 4" X 18' S4S FOHC	$66.42
CTD-4.4.20-RW	4" X 4" X 20' S4S FOHC	$73.80

4" x 6"

Part No.	Part Description	Price (ea)
CTD-4.6.10-RW	4" X 6" X 10' S4S FOHC	$56.25
CTD-4.6.12-RW	4" X 6" X 12' S4S FOHC	$67.50
CTD-4.6.14-RW	4" X 6" X 14' S4S FOHC	$78.75
CTD-4.6.16-RW	4" X 6" X 16' S4S FOHC	$90.00
CTD-4.6.18-RW	4" X 6" X 18' S4S FOHC	$101.25
CTD-4.6.20-RW	4" X 6" X 20' S4S FOHC	$112.50

All lumber is pressure treated redwood No. 1 or better.
Pressure treatment is CCA Type “C”.

COOLING TOWER DEPOT
The Depot of All Cooling Towers
www.coolingtowerdepot.com
Free! the industries only Online Cooling Tower Design Program With Pricing. Beat That. Free!

Copyright © 2007 Visit our web site at www.coolingtowerdepot.com for our full Terms and Conditions

Lumber — Redwood



Pressure Treated Redwood #1 Or Better



4" x 8"

Part No.	Description	Price (ea)
CTD-4.8.10-RW	4" X 8" X 10' S4S FOHC	**$86.18**
CTD-4.8.12-RW	4" X 8" X 12' S4S FOHC	**$103.41**
CTD-4.8.14-RW	4" X 8" X 14' S4S FOHC	**$120.65**
CTD-4.8.16-RW	4" X 8" X 16' S4S FOHC	**$137.88**
CTD-4.8.18-RW	4" X 8" X 18' S4S FOHC	**$155.12**
CTD-4.8.20-RW	4" X 8" X 20' S4S FOHC	**$172.35**

All lumber is pressure treated redwood No. 1 or better.
Pressure treatment is CCA Type “C”.

Prices in this book are subject to change. For updated pricing, please call us at (877)-243-3945 or visit us online at www.coolingtowerdepot.com

COOLING TOWER DEPOT™ The Depot of All Cooling Towers www.coolingtowerdepot.com

Copyright © 2007 Visit our web site at www.coolingtowerdepot.com for our full Terms and Conditions

If you can't find or don't see the part you need, call me



Contact me direct for personalized service.

mcarrothers@ctdepotinc.com

(720)-746-1234

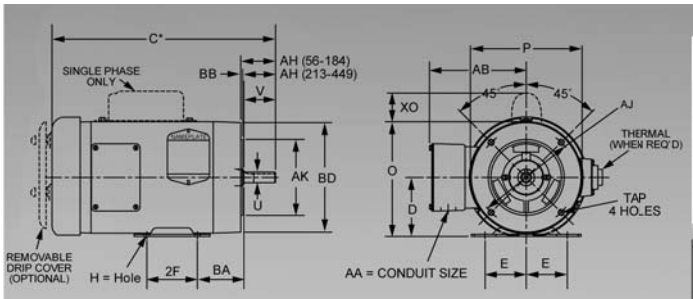
Mark Carrothers

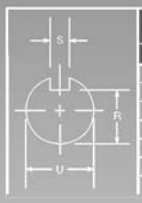
Mark Carrothers

COOLING TOWER DEPOT
The Depot of All Cooling Towers
www.coolingtowerdepot.com

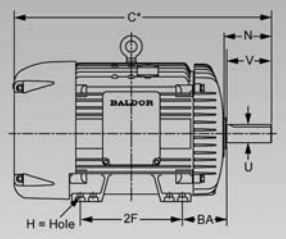
Free! the industries only Online Cooling Tower Design Program With Pricing. Beat That. Free!

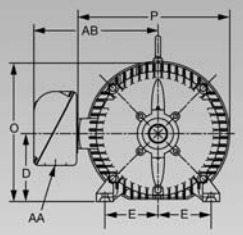
Copyright © 2007 Visit our web site at www.coolingtowerdepot.com for our full Terms and Conditions





NEMA Shaft	Keyseat Dimensions		NEMA Shaft	Keyseat Dimensions	
(U)	(R)	(S)	(U)	(R)	(S)
3/8	21/64	FLAT	1-7/8	1-19/32	1/2
1/2	29/64	FLAT	2-1/8	1-27/32	1/2
5/8	33/64	3/16	2-3/8	2-1/64	5/8
7/8	49/64	3/16	2-1/2	2-3/16	5/8
1-1/8	63/64	1/4	2-7/8	2-29/64	3/4
1-3/8	1-13/64	5/16	3-3/8	2-7/8	7/8
1-5/8	1-13/32	3/8	3-7/8	3-5/16	1





Drawings represent standard TEFC general purpose motors

Refer Data Section 502 for various models, OPEN or TEFC

*Dimensions are for reference only.

*Contact your local Baldor office for "C" Dimensions.

Dimensions - N, O, P, AB and XO are specific to Baldor.

NEMA QUICK REFERENCE CHART

NEMA FRAME	D	E	2F	H	N	O	P	U	V	AA	AB	AH	AJ	AK	BA	BB	BD	XO	TAP
42	2-5/8	1-3/4	1-11/16	9/32 SLOT	1-1/2	5	4-11/16	3/8	1-1/8	3/8	4-1/32	1-5/16	3-3/4	3	2-1/16	1/8	4-5/8	1-9/16	1/4-20
48	3	2-1/8	2-3/4	11/32 SLOT	1-7/8	5-7/8	5-11/16	1/2	1-1/2	1/2	4-3/8	1-11/16	3-3/4	3	2-1/2	1/8	5-5/8	2-1/4	1/4-20
56	3-1/2	2-7/16	3	11/32	2-7/16	6-7/8	6-5/8	5/8	1-7/8	1/2	5	2-1/16	5-7/8	4-1/2	2-3/4	1/8	6-1/2	2-1/4	3/8-16
56H			5	SLOT	2-1/8														
143T	3-1/2	2-3/4	4	11/32	2-1/2	6-7/8	6-5/8	7/8	2-1/4	3/4	5-1/4	2-1/8	5-7/8	4-1/2	2-1/4	1/8	6-1/2	2-1/4	3/8-16
145T			5																
182			4-1/2		2-11/16		7	/8	2-1/4			2-1/8	5-7/8	4-1/2		1/8	6-1/2		3/8-16
184	4-1/2	3-3/4	5-1/2	13/32	2-11/16	8-11/16	7-7/8	7/8	2-1/4	3/4	5-7/8	2-1/8	5-7/8	4-1/2	2-3/4	1/8	6-1/2	2-3/8	3/8-16
182T			4-1/2		3-9/16			1-1/8	2-3/4			2-5/8	7-1/4	8-1/2		1/4	9		1/2-13
184T			5-1/2		3-9/16			1-1/8	2-3/4			2-5/8	7-1/4	8-1/2		1/4	9		1/2-13
213			5-1/2		3-1/2			1-1/8	3		2	-3/4							
215	5-1/4	4-1/4	7	13/32	3-1/2	10-1/4	9-9/16	1-1/8	3	3/4	7-3/8	2-3/4	7-1/4	8-1/2	3-1/2	1/4	9	2-3/4	1/2-13
213T			5-1/2		3-7/8			1-3/8	3-3/8			3-1/8							
215T			7		3-7/8			1-3/8	3-3/8			3-1/8							
254U			8-1/4		4-1/16			1-3/8	3-3/4			3-1/2							
256U	6-1/4	5	10	17/32	4-1/16	12-7/8	12-15/16	1-3/8	3-3/4	1	9-5/8	3-1/2	7-1/4	8-1/2	4-1/4	1/4	10	—	1/2-13
254T			8-1/4		4-5/16			1-5/8	4		3	-3/4							
256T			10		4-5/16			1-5/8	4		3	-3/4							
284U			9-1/2		5-1/8			1-5/8	4-7/8			4-5/8							
286U			11		5-1/8			1-5/8	4-7/8			4-5/8							
284T	7	5-1/2	9-1/2	17/32	4-7/8	14-5/8	14-5/8	1-7/8	4-5/8	1-1/2	13-1/8	4-3/8	9	10-1/2	4-3/4	1/4	11-1/4	—	1/2-13
286T			11		4-7/8			1-7/8	4-5/8			4-3/8							
284TS			9-1/2		3-3/8			1-5/8	3-1/4			3							
286TS			11		3-3/8			1-5/8	3-1/4			3							
324U			10-1/2		5-7/8			1-7/8	5-5/8			5-3/8							
326U			12		5-7/8			1-7/8	5-5/8			5-3/8							
324T	8	6-1/4	10-1/2	21/32	5-1/2	16-1/2	16-1/2	2-1/8	5-1/4	2	14-1/8	5	11	12-1/2	5-1/4	1/4	13-3/8	—	5/8-11
326T			12		5-1/2			2-1/8	5-1/4			5							
324TS			10-1/2		3-15/16			1-7/8	3-3/4			3-1/2							
326TS			12		3-15/16			1-7/8	3-3/4			3-1/2							
364U			11-1/4		6-3/4			2-1/8	6-3/8			6-1/8							
365U			12-1/4		6-3/4			2-1/8	6-3/8			6-1/8							
364T	9	7	11-1/4	21/32	6-1/4	18-1/2	18-1/4	2-3/8	5-7/8	2-1/2	15-1/16	5-5/8	11	12-1/2	5-7/8	1/4	13-3/8	—	5/8-11
365T			12-1/4		6-1/4			2-3/8	5-7/8			5-5/8							
364TS			11-1/4		4			1-7/8	3-3/4			3-1/2							
365TS			12-1/4		4			1-7/8	3-3/4			3-1/2							
404U			12-1/4		7-3/16			2-3/8	7-1/8			6-7/8							
405U			13-3/4		7-3/16			2-3/8	7-1/8			6-7/8							
404T	10	8	12-1/4	13/16	7-5/16	20-5/16	20-1/8	2-7/8	7-1/4	3	18	7	11	12-1/2	6-5/8	1/4	13-7/8	—	5/8-11
405T			13-3/4		7-5/16			2-7/8	7-1/4			7							
404TS			12-1/4		4-1/2			2-1/8	4-1/4			4							
405TS			13-3/4		4-1/2			2-1/8	4-1/4			4							
444U			14-1/2		8-5/8	22-7/8	22-3/8	2-7/8	8-5/8		19-9/16	8-3/8							
445U			16-1/2		8-5/8	22-7/8	22-3/8	2-7/8	8-5/8		19-9/16	8-3/8							
444T			14-1/2		8-1/2	22-7/8	22-3/8	3-3/8	8-1/2		19-9/16	8-1/4							
445T			16-1/2		8-1/2	22-7/8	22-3/8	3-3/8	8-1/2		19-9/16	8-1/4							
447T	11	9	20	13/16	8-15/16	22-15/16	23-3/4	3-3/8	8-1/2	3	21-11/16	8-1/4	14	16	7-1/2	1/4	16-3/4	—	5/8-11
449T			25		8-15/16	22-15/16	23-3/4	3-3/8	8-1/2		21-11/16	8-1/4							
444TS			14-1/2		5-3/16	22-7/8	22-3/8	2-3/8	4-3/4		19-9/16	4-1/2							
445TS			16-1/2		5-3/16	22-7/8	22-3/8	2-3/8	4-3/4		19-9/16	4-1/2							
447TS			20		4-15/16	22-15/16	23-3/4	2-3/8	4-3/4	4NPT	21-11/16	4-1/2							
449TS			25		4-15/16	22-15/16	23-3/4	2-3/8	4-3/4	4NPT	21-11/16	4-1/2							

5000 FRAME	D	E	2F	H	O	P	U	V	AA	AB	BA
5007S	12-1/2	10	22	15/16	26-27/32	30	2-1/2	6-1/2	4-NPT	26-7/8	8-1/2
5007L	12-1/2	10	22	15/16	26-27/32	30	3-7/8	11-1/8	4-NPT	26-7/8	8-1/2
5009S	12-1/2	10	28	15/16	26-27/32	30	2-1/2	6-1/2	4-NPT	26-7/8	8-1/2
5009L	12-1/2	10	28	15/16	26-27/32	30	3-7/8	11-1/8	4-NPT	26-7/8	8-1/2
5011S	12-1/2	10	36	15/16	26-27/32	30	2-1/2	6-1/2	4-NPT	26-7/8	8-1/2
5011L	12-1/2	10	36	15/16	26-27/32	30	3-7/8	11-1/8	4-NPT	26-7/8	8-1/2

NEMA C-Face	BA Dimensions
143-5TC	2-3/4
182-4TC	3-1/2
213-5TC	4-1/4
254-6TC	4-3/4

BALDOR ELECTRIC COMPANY
P.O. BOX 2400
FORT SMITH, ARKANSAS
72902-2400 U.S.A.

	NEMA FRAMES PRIOR TO 1953						
Frame	D	E	F	N	U	V	BA
66	4-1/8	2-15/16	2-1/2	2-1/4	3/4	2-1/4	3-1/8
203	5	4	2-3/4	2-7/16	3/4	2	3-1/8
204			3-1/4				
224	5-1/2	4-1/2	3-3/8	3-1/4	1	3	3-1/2
225			3-3/4				
254	6-1/4	5	4-1/8	3-7/16	1-1/8	3-3/8	4-1/4
284	7	5-1/2	4-3/4	4-1/4	1-1/4	3-3/4	4-3/4
324	8	6-1/4	5-1/4	5-3/8	1-5/8	4-7/8	5-1/4
326			6				
364	9	7	5-5/8	5-5/8	1-7/8	5-3/8	5-7/8
365			6-1/8				
404	10	8	6-1/8	6-3/8	2-1/8	6-1/8	6-5/8
405			6-7/8				
444	11	9	7-1/4	7-1/8	2-3/8	6-7/8	7-1/2
445			8-1/4				
504	12-1/2	10	8	8-5/8	2-7/8	8-3/8	8-1/2
505			9				

Prices in this book are subject to change. For updated pricing, please call us at (877)-243-3945 or visit us online at www.coolingtowerdepot.com

COOLING TOWER DEPOT
The Depot of All Cooling Towers
www.coolingtowerdepot.com

Copyright © 2007 Visit our web site at www.coolingtowerdepot.com for our full Terms and Conditions

Motors

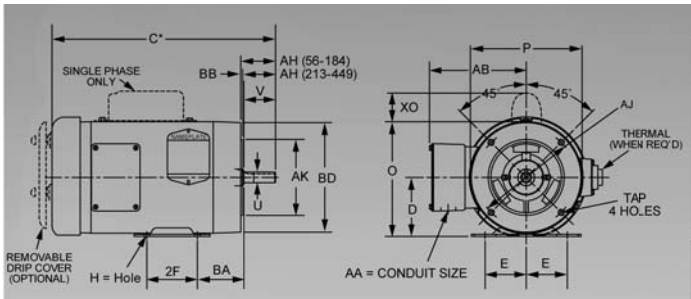


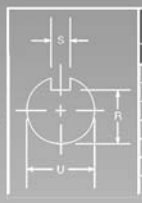



	Part No.	Part Description	Price
	**CTD-EM2334T**	Motor, 20HP, 1765RPM, 3PH, TEFC, 256T NEMA	**$1,274.15**
	**CTD-CM4103T**	Motor, 25HP, 1770RPM, 3PH, TEFC, 284TC NEMA	**$1,540.20**
	**CTD-CM4104T**	Motor, 30HP, 1765RPM, 3PH, TEFC, 286TC NEMA	**$1,796.05**
	**CTD-M4110T-12**	Motor, 40HP, 1775RPM, 3PH, TEFC, 324T NEMA	**$2,152.20**
	**CTD-EM4312T**	Motor M4115T 50HP | 1775 RPM| 3 PH | TEFC | 326T NEMA	**$2,152.20**
	**CTD-CM4314T**	Motor, 60HP, 1775RPM, 3PH, TEFC, 364TC NEMA	**$4,043.45**

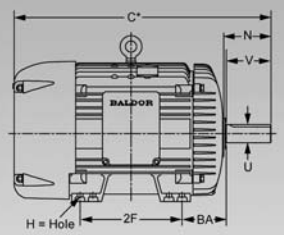
COOLING TOWER DEPOT
The Depot of All Cooling Towers
www.coolingtowerdepot.com
Free! the industries only Online Cooling Tower Design Program With Pricing. Beat That. Free!

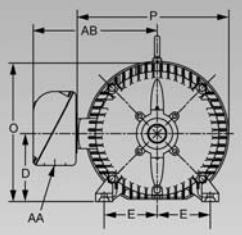
Copyright © 2007 Visit our web site at www.coolingtowerdepot.com for our full Terms and Conditions





NEMA Shaft	Keyseat Dimensions		NEMA Shaft	Keyseat Dimensions	
(U)	(R)	(S)	(U)	(R)	(S)
3/8	21/64	FLAT	1-7/8	1-19/32	1/2
1/2	29/64	FLAT	2-1/8	1-27/32	1/2
5/8	33/64	3/16	2-3/8	2-1/64	5/8
7/8	49/64	3/16	2-1/2	2-3/16	5/8
1-1/8	63/64	1/4	2-7/8	2-29/64	3/4
1-3/8	1-13/64	5/16	3-3/8	2-7/8	7/8
1-5/8	1-13/32	3/8	3-7/8	3-5/16	1





Drawings represent standard TEFC general purpose motors

Refer Data Section 502 for various models, OPEN or TEFC

*Dimensions are for reference only.

*Contact your local Baldor office for "C" Dimensions.

Dimensions - N, O, P, AB and XO are specific to Baldor.

NEMA QUICK REFERENCE CHART

NEMA FRAME	D	E	2F	H	N	O	P	U	V	AA	AB	AH	AJ	AK	BA	BB	BD	XO	TAP
42	2-5/8	1-3/4	1-11/16	9/32 SLOT	1-1/2	5	4-11/16	3/8	1-1/8	3/8	4-1/32	1-5/16	3-3/4	3	2-1/16	1/8	4-5/8	1-9/16	1/4-20
48	3	2-1/8	2-3/4	11/32 SLOT	1-7/8	5-7/8	5-11/16	1/2	1-1/2	1/2	4-3/8	1-11/16	3-3/4	3	2-1/2	1/8	5-5/8	2-1/4	1/4-20
56 56H	3-1/2	2-7/16	3 5	11/32 SLOT	2-7/16 2-1/8	6-7/8	6-5/8	5/8	1-7/8	1/2	5	2-1/16	5-7/8	4-1/2	2-3/4	1/8	6-1/2	2-1/4	3/8-16
143T 145T	3-1/2	2-3/4	4 5	11/32	2-1/2	6-7/8	6-5/8	7/8	2-1/4	3/4	5-1/4	2-1/8	5-7/8	4-1/2	2-1/4	1/8	6-1/2	2-1/4	3/8-16
182 184 182T 184T	4-1/2	3-3/4	4-1/2 5-1/2 4-1/2 5-1/2	13/32	2-11/16 2-11/16 3-9/16 3-9/16	8-11/16	7 7-7/8	/8 7/8 1-1/8 1-1/8	2-1/4 2-1/4 2-3/4 2-3/4	3/4	5-7/8	2-1/8 2-1/8 2-5/8 2-5/8	5-7/8 5-7/8 7-1/4 7-1/4	4-1/2 4-1/2 8-1/2 8-1/2	2-3/4	1/8 1/8 1/4 1/4	6-1/2 6-1/2 9 9	2-3/8	3/8-16 3/8-16 1/2-13 1/2-13
213 215 213T 215T	5-1/4	4-1/4	5-1/2 7 5-1/2 7	13/32	3-1/2 3-1/2 3-7/8 3-7/8	10-1/4	9-9/16	1-1/8 1-1/8 1-3/8 1-3/8	3 3 3-3/8 3-3/8	3/4	2 7-3/8	-3/4 2-3/4 3-1/8 3-1/8	7-1/4	8-1/2	3-1/2	1/4	9	2-3/4	1/2-13
254U 256U 254T 256T	6-1/4	5	8-1/4 10 8-1/4 10	17/32	4-1/16 4-1/16 4-5/16 4-5/16	12-7/8	12-15/16	1-3/8 1-3/8 1-5/8 1-5/8	3-3/4 3-3/4 4 4	1	9-5/8 3 3	3-1/2 3-1/2 -3/4 -3/4	7-1/4	8-1/2	4-1/4	1/4	10	—	1/2-13
284U 286U 284T 286T 284TS 286TS	7	5-1/2	9-1/2 11 9-1/2 11 9-1/2 11	17/32	5-1/8 5-1/8 4-7/8 4-7/8 3-3/8 3-3/8	14-5/8	14-5/8	1-5/8 1-5/8 1-7/8 1-7/8 1-5/8 1-5/8	4-7/8 4-7/8 4-5/8 4-5/8 3-1/4 3-1/4	1-1/2	13-1/8	4-5/8 4-5/8 4-3/8 4-3/8 3 3	9	10-1/2	4-3/4	1/4	11-1/4	—	1/2-13
324U 326U 324T 326T 324TS 326TS	8	6-1/4	10-1/2 12 10-1/2 12 10-1/2 12	21/32	5-7/8 5-7/8 5-1/2 5-1/2 3-15/16 3-15/16	16-1/2	16-1/2	1-7/8 1-7/8 2-1/8 2-1/8 1-7/8 1-7/8	5-5/8 5-5/8 5-1/4 5-1/4 3-3/4 3-3/4	2	14-1/8	5-3/8 5-3/8 5 5 3-1/2 3-1/2	11	12-1/2	5-1/4	1/4	13-3/8	—	5/8-11
364U 365U 364T 365T 364TS 365TS	9	7	11-1/4 12-1/4 11-1/4 12-1/4 11-1/4 12-1/4	21/32	6-3/4 6-3/4 6-1/4 6-1/4 4 4	18-1/2	18-1/4	2-1/8 2-1/8 2-3/8 2-3/8 1-7/8 1-7/8	6-3/8 6-3/8 5-7/8 5-7/8 3-3/4 3-3/4	2-1/2	15-1/16	6-1/8 6-1/8 5-5/8 5-5/8 3-1/2 3-1/2	11	12-1/2	5-7/8	1/4	13-3/8	—	5/8-11
404U 405U 404T 405T 404TS 405TS	10	8	12-1/4 13-3/4 12-1/4 13-3/4 12-1/4 13-3/4	13/16	7-3/16 7-3/16 7-5/16 7-5/16 4-1/2 4-1/2	20-5/16	20-1/8	2-3/8 2-3/8 2-7/8 2-7/8 2-1/8 2-1/8	7-1/8 7-1/8 7-1/4 7-1/4 4-1/4 4-1/4	3	18	6-7/8 6-7/8 7 7 4 4	11	12-1/2	6-5/8	1/4	13-7/8	—	5/8-11
444U 445U 444T 445T 447T 449T 444TS 445TS 447TS 449TS	11	9	14-1/2 16-1/2 14-1/2 16-1/2 20 25 14-1/2 16-1/2 20 25	13/16	8-5/8 8-5/8 8-1/2 8-1/2 8-15/16 8-15/16 5-3/16 5-3/16 4-15/16 4-15/16	22-7/8 22-7/8 22-7/8 22-7/8 22-15/16 22-15/16 22-7/8 22-7/8 22-15/16 22-15/16	22-3/8 22-3/8 22-3/8 22-3/8 23-3/4 23-3/4 22-3/8 22-3/8 23-3/4 23-3/4	2-7/8 2-7/8 3-3/8 3-3/8 3-3/8 3-3/8 2-3/8 2-3/8 2-3/8 2-3/8	8-5/8 8-5/8 8-1/2 8-1/2 8-1/2 8-1/2 4-3/4 4-3/4 4-3/4 4-3/4	3 4NPT 4NPT	19-9/16 19-9/16 19-9/16 19-9/16 21-11/16 21-11/16 19-9/16 19-9/16 21-11/16 21-11/16	8-3/8 8-3/8 8-1/4 8-1/4 8-1/4 8-1/4 4-1/2 4-1/2 4-1/2 4-1/2	14	16	7-1/2	1/4	16-3/4	—	5/8-11

5000 FRAME	D	E	2F	H	O	P	U	V	AA	AB	BA
5007S	12-1/2	10	22	15/16	26-27/32	30	2-1/2	6-1/2	4-NPT	26-7/8	8-1/2
5007L	12-1/2	10	22	15/16	26-27/32	30	3-7/8	11-1/8	4-NPT	26-7/8	8-1/2
5009S	12-1/2	10	28	15/16	26-27/32	30	2-1/2	6-1/2	4-NPT	26-7/8	8-1/2
5009L	12-1/2	10	28	15/16	26-27/32	30	3-7/8	11-1/8	4-NPT	26-7/8	8-1/2
5011S	12-1/2	10	36	15/16	26-27/32	30	2-1/2	6-1/2	4-NPT	26-7/8	8-1/2
5011L	12-1/2	10	36	15/16	26-27/32	30	3-7/8	11-1/8	4-NPT	26-7/8	8-1/2

NEMA C-Face	BA Dimensions
143-5TC	2-3/4
182-4TC	3-1/2
213-5TC	4-1/4
254-6TC	4-3/4

BALDOR ELECTRIC COMPANY
P.O. BOX 2400
FORT SMITH, ARKANSAS
72902-2400 U.S.A.

	NEMA FRAMES PRIOR TO 1953						
Frame	D	E	F	N	U	V	BA
66	4-1/8	2-15/16	2-1/2	2-1/4	3/4	2-1/4	3-1/8
203	5	4	2-3/4	2-7/16	3/4	2	3-1/8
204			3-1/4				
224	5-1/2	4-1/2	3-3/8	3-1/4	1	3	3-1/2
225			3-3/4				
254	6-1/4	5	4-1/8	3-7/16	1-1/8	3-3/8	4-1/4
284	7	5-1/2	4-3/4	4-1/4	1-1/4	3-3/4	4-3/4
324	8	6-1/4	5-1/4	5-3/8	1-5/8	4-7/8	5-1/4
326			6				
364	9	7	5-5/8	5-5/8	1-7/8/8	5-3/8	5-7/8
365			6-1/8				
404	10	8	6-1/8	6-3/8	2-1/8	6-1/8	6-5/8
405			6-7/8				
444	11	9	7-1/4	7-1/8	2-3/8	6-7/8	7-1/2
445			8-1/4				
504	12-1/2	10	8	8-5/8	2-7/8	8-3/8	8-1/2
505			9				

Prices in this book are subject to change. For updated pricing, please call us at (877)-243-3945 or visit us online at www.coolingtowerdepot.com

COOLING TOWER DEPOT
The Depot of All Cooling Towers
www.coolingtowerdepot.com

Copyright © 2007 Visit our web site at www.coolingtowerdepot.com for our full Terms and Conditions

Motors





	Part No.	Part Description	Price
	**CTD-M4316TS**	Motor, 75HP, 1775RPM, 3PH, TEFC, 365TS NEMA	**$4,584.05**
	**CTD-M4400T**	Motor, 100HP, 1780RPM, 3PH, TEFC, 405T NEMA	**$5,692.45**
	**CTD-M4410T-4**	Motor, 125HP, 1780RPM, 3PH, TEFC, 444T NEMA	**$7,681.45**
	**CTD-M4406T-4**	Motor, 150HP, 1780RPM, 3PH, TEFC, 445T NEMA	**$8,998.10**
	**CTD-M4407T-4**	Motor, 200HP, 1780RPM, 3PH, TEFC, 445T NEMA	**$11,059.35**
	**CTD-M4408T-4**	Motor, 250HP, 1780RPM, 3PH, TEFC, 447T NEMA	**$11,941.65**

COOLING TOWER DEPOT
The Depot of All Cooling Towers
www.coolingtowerdepot.com

Free! the industries only Online Cooling Tower Design Program With Pricing. Beat That. Free!

Copyright © 2007 Visit our web site at www.coolingtowerdepot.com for our full Terms and Conditions



Nailing Hardware

304 S.S Annular Nail Hardware



304 S.S. Annular Nail Hardware

Part No.	Size	Length	Weight	Count	Price
CTD-AR3045D5	5d	1 3/4"	5 lb	193/lb	**$30.87**
CTD-AR3045D10	5d	1 3/4"	10 lb	193/lb	**$61.74**
CTD-AR3045D25	5d	1 3/4"	25 lb	193/lb	**$154.35**
CTD-AR3046D5	6d	2"	5 lb	144/lb	**$30.87**
CTD-AR3046D10	6d	2"	10 lb	144/lb	**$61.74**
CTD-AR3046D25	6d	2"	25 lb	144/lb	**$154.35**
CTD-AR30412D5	12d	3 1/4"	5 lb	60/lb	**$30.87**
CTD-AR30412D10	12d	3 1/4"	10 lb	60/lb	**$61.74**
CTD-AR30412D25	12d	3 1/4"	25 lb	60/lb	**$154.35**



304 S.S. Casing Nails W/S.S. Neoprene Backed Washer

Part No.	Size	Length	Weight	Count	Price
CTD-3041755	5d	1 3/4"	5 lb	90/lb	**$173.46**
CTD-30417510	5d	1 3/4"	10 lb	90/lb	**$345.94**
CTD-30417525	5d	1 3/4"	25 lb	90/lb	**$865.34**
CTD-3043255	12d	3 1/4"	5 lb	55/lb	**$113.68**
CTD-30432510	12d	3 1/4"	10 lb	55/lb	**$227.36**
CTD-30432525	12d	3 1/4"	25 lb	55/lb	**$569.38**

Prices in this book are subject to change. For updated pricing, please call us at (877)-243-3945 or visit us online at www.ctdepotinc.com.

Copyright © 2007 Visit our web site at www.coolingtowerdepot.com for our full Terms and Conditions

316 S.S Annular Nail Hardware





316 S.S. Annular Nail Hardware

Part No.	Size	Length	Weight	Count	Price
CTD-AR3165D5	5d	1 3/4"	5 lb	193/lb	**$35.77**
CTD-AR3165D10	5d	1 3/4"	10 lb	193/lb	**$71.54**
CTD-AR3165D25	5d	1 3/4"	25 lb	193/lb	**$178.85**
CTD-AR3166D5	6d	2"	5 lb	144/lb	**$35.77**
CTD-AR3166D10	6d	2"	10 lb	144/lb	**$71.54**
CTD-AR3166D25	6d	2"	25 lb	144/lb	**$178.85**
CTD-AR31612D5	12d	3 1/4"	5 lb	60/lb	**$35.77**
CTD-AR31612D10	12d	3 1/4"	10 lb	60/lb	**$71.54**
CTD-AR31612D25	12d	3 1/4"	25 lb	60/lb	**$178.85**



316 S.S. Casing Nails W/S.S. Neoprene Backed Washer

Part No.	Size	Length	Weight	Count	Price
CTD-3161755	5d	1 3/4"	5 lb	90/lb	**$173.46**
CTD-31617510	5d	1 3/4"	10 lb	90/lb	**$345.94**
CTD-31617525	5d	1 3/4"	25 lb	90/lb	**$865.34**
CTD-3163255	12d	3 1/4"	5 lb	55/lb	**$113.68**
CTD-31632510	12d	3 1/4"	10 lb	55/lb	**$227.36**
CTD-31632525	12d	3 1/4"	25 lb	55/lb	**$569.38**

COOLING TOWER DEPOT
The Depot of All Cooling Towers
www.coolingtowerdepot.com
Free! the industries only Online Cooling Tower Design Program With Pricing. Beat That. Free!

Copyright © 2007 Visit our web site at www.coolingtowerdepot.com for our full Terms and Conditions



Nailing Hardware

Silicon Bronze Annular Nail Hardware



Silicon Bronze Annular Nail Hardware

Part No.	Size	Length	Weight	Count	Price
CTD-ARSIBR5D5	5d	1 3/4"	5 lb	193/lb	**$117.60**
CTD-ARSIBR5D10	5d	1 3/4"	10 lb	193/lb	**$235.20**
CTD-ARSIBR5D25	5d	1 3/4"	25 lb	193/lb	**$588.00**
CTD-ARSIBR6D5	6d	2"	5 lb	144/lb	**$117.60**
CTD-ARSIBR6D10	6d	2"	10 lb	144/lb	**$235.20**
CTD-ARSIBR6D25	6d	2"	25 lb	144/lb	**$588.00**
CTD-ARSIBR12D5	12d	3 1/4"	5 lb	60/lb	**$117.60**
CTD-ARSIBR12D10	12d	3 1/4"	10 lb	60/lb	**$235.20**
CTD-ARSIBR12D25	12d	3 1/4"	25 lb	60/lb	**$588.00**



Silicon Bronze Casing Nails W/S.S. Neoprene Backed Washer

Part No.	Size	Length	Weight	Count	Price
CTD-SIBR1755	5d	1 3/4"	5 lb	90/lb	**$461.58**
CTD-SIBR17510	5d	1 3/4"	10 lb	90/lb	**$926.10**
CTD-SIBR17525	5d	1 3/4"	25 lb	90/lb	**$2,310.84**
CTD-SIBR3255	12d	3 1/4"	5 lb	55/lb	**$305.76**
CTD-SIBR32510	12d	3 1/4"	10 lb	55/lb	**$611.52**
CTD-SIBR32525	12d	3 1/4"	25 lb	55/lb	**$1,528.80**

Prices in this book are subject to change. For updated pricing, please call us at (877)-243-3945 or visit us online at www.ctdepotinc.com.

Copyright © 2007 Visit our web site at www.coolingtowerdepot.com for our full Terms and Conditions

Nozzles



	Part No.	Part Description	Price (Per 25 Pack)
	**CTD-CF-QCO**	Counterflow QCO Nozzle	**$138.83**
	**CTD-CROWNCF**	Crown Crossflow Nozzle	**$122.62**
	**CTD-DECSPAD-1-1/2" WPT**	Cone adaptor for the DEC-SPRAY nozzle 1-1/2" WPT thread for wood or PVC lateral lines	**$7.58 Each**
	**CTD-DEKSPRAY**	Dek-Spray nozzle assembly for counterflow towers	**$399.78**
	**CTD-FC-SP**	Counterflow, full coverage, square polypropylene nozzle with extension	**$459.60**

COOLING TOWER DEPOT
The Depot of All Cooling Towers
www.coolingtowerdepot.com
Free! the industries only Online Cooling Tower Design Program With Pricing. Beat That. Free!

Copyright © 2007 Visit our web site at www.coolingtowerdepot.com for our full Terms and Conditions



Nozzles

Nozzles

	Part No.	Part Description	Price (Per 25 Pack)
	**CTD-FC-SP-EXT**	Extension for Counterflow Square Nozzle	**$112.50**
	**CTD-GRN4**	4” neoprene grommet for attachment of 4" PVC lateral lines to FRP or PVC headers, 25 per pack	**$125.13**
	**CTD-GRN6**	6" neoprene grommet for attachment of 6" PVC lateral lines to FRP or PVC header, 25 per pack	**$150.15**
	**CTD-LH-10**	Cross-flow Target Nozzle. 3-20 GPM, Gravity Flow Fits STD 1-5/8" Distribution Deck Hole	**$156.08**
	**CTD-LH-11**	Cross-flow Target Nozzle. 4-12 GPM Capacity, Gravity Flow Fits STD 1-5/8" Diameter Distribution Deck Hole	**$156.08**
	**CTD-LH-14**	Counter-flow Up-spray-Down-spray Nozzle. ABS Plastics 3/4" FPT Connection Orifice sizes: 3/4"	**$156.08**
	**CTD-LH-6**	Counter-flow Up-spray-Down-spray Nozzle. ABS Plastics 1/2" FPT Connection — 1/2" Orifice	**$156.08**
	**CTD-LH-D1**	Counter-flow Down-spray Nozzle. Square-Pattern, Full Coverage, Snap-In Connection Orifice sizes: 3/4", 7/8", 1-1/16"	**$156.08**

Prices in this book are subject to change. For updated pricing, please call us at (877)-243-3945 or visit us online at www.coolingtowerdepot.com

Copyright © 2007 Visit our web site at www.coolingtowerdepot.com for our full Terms and Conditions



	Part No	Part Descripton	Price (Per 25 Pack)
	**CTD-LH-D2S**	Counter-flow Down-spray Nozzle. Square-Pattern, Full Coverage Type, Tapered Screw-Thread Connection Orifice sizes: 3/4", 7/8", 1-1/16", 1-1/8", 1-1/4", 1-1/2", 1-3/8"	**$156.08**
	**CTD-LH-D3**	Counter-flow Down-spray Nozzle. Square-Pattern, Full Coverage Type, 1-1/2" Standard Pipe Thread Connection Orifice sizes: 3/4", 7/8", 1-1/16", 1-1/8", 1-1/4", 1-1/2", 1-3/8"	**$156.08**
	**CTD-LH-U1**	Counter-flow Up-spray Nozzle Fits 1-13/16" Diameter Hole in PVC pipe	**$156.08**
	**CTD-PSI**	Counterflow Nozzle Orifice sizes 1/2" - 1 1/2"	**$150.14**
	**CTD-PSI-2**	Counterflow Nozzle - 2" NPT Thread Orifice sizes 1/2" - 2"	**$156.15**
	**CTD-SP-NOZZLE-SQUARE**	Counterflow Square Nozzle	**$310.31**
	**CTD-XF-TARGET**	Crossflow Target Nozzle Fits standard 1-5/8" deck holes.	**$99.49**
	**FCCROSSFLOW**	Full Coverage Crossflow Nozzle	**$113.09**

COOLING TOWER DEPOT
The Depot of All Cooling Towers
www.coolingtowerdepot.com

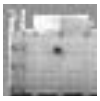
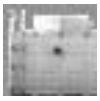
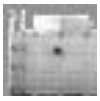
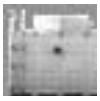
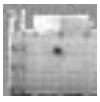
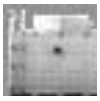
Free! the industries only Online Cooling Tower Design Program With Pricing. Beat That. Free!

Copyright © 2007 Visit our web site at www.coolingtowerdepot.com for our full Terms and Conditions

Package Towers



Package Towers Film Fill

	Part No.	Part Description	Price
	**CTD-DL-88**	Packaged Cooling Tower	**$40,133.36**
		Maximum Flow: 520 GPM	
		Maximum HP: 10 HP *	
	**CTD-DL-812**	Packaged Cooling Tower	**$49,631.18**
		Maximum Flow: 850 GPM	
		Maximum HP: 20 HP *	
	**CTD-DL-816**	Packaged Cooling Tower	**$54,961.09**
		Maximum Flow: 925 GPM	
		Maximum HP: 20 HP *	
	**CTD-DL-1212**	Packaged Cooling Tower	**$57,330.90**
		Maximum Flow: 1260 GPM	
		Maximum HP: 25 HP *	
	**CTD-DL-1216**	Packaged Cooling Tower	**$66,902.96**
		Maximum Flow: 1600 GPM	
		Maximum HP: 30 HP *	
	**CTD-DL-1220**	Packaged Cooling Tower	**$76,263.41**
		Maximum Flow: 2030 GPM	
		Maximum HP: 40 HP *	
	**CTD-DL-1616**	Packaged Cooling Tower	**$77,069.02**
		Maximum Flow: 2150 GPM	
		Maximum HP: 40 HP *	
	**CTD-DL-1620**	Packaged Cooling Tower	**$87,717.71**
		Maximum Flow: 2700 GPM	
		Maximum HP: 50 HP *	
	**CTD-DL-1624**	Packaged Cooling Tower	**$96,913.57**
		Maximum Flow: 3100 GPM	
		Maximum HP: 60 HP *	
	**CTD-DL-2020**	Packaged Cooling Tower	**$103,323.82**
		Maximum Flow: 3600 GPM	
		Maximum HP: 75 HP *	
	**CTD-DL-2024**	Packaged Cooling Tower	**$118,944.79**
		Maximum Flow: 4100 GPM	
		Maximum HP: 75 HP *	
	**CTD-DL-2424**	Packaged Cooling Tower	**$133,710.64**
		Maximum Flow: 4650 GPM	
		Maximum HP: 75 HP *	

* Packaged Cooling Tower ratings assume a hot water temp of 95°F, a cold water temp of 85°F, and a wet bulb temp of 78°F.

Prices in this book are subject to change. For updated pricing, please call us at (877)-243-3945 or visit us online at www.coolingtowerdepot.com

COOLING TOWER DEPOT
The Depot of All Cooling Towers
www.coolingtowerdepot.com

Copyright © 2007 Visit our web site at www.coolingtowerdepot.com for our full Terms and Conditions

Features



This is the highest quality modular-packaged cooling tower available anywhere.

Look at the photos to the right and see for yourself.

Packaged tower standard features:



Non-Corrosive Fiberglass and Stainless Steel Structure
High-Quality Components, Made in the U.S.A.
Efficient Counterflow Design
250-5000 gpm Capacity
Uncomplicated Field Assembly
Technical Support
FRP Ladder and Handrails
Fire-Retardant Resin
6' High Fan Stack
Stainless Steel Oil and Vent Lines

Packaged tower options:



On-Site Installation Service
Basin Heater
Two-Speed Motor or Variable Frequency Drive
Low Oil Cut-off Switch
Stainless Steel Fan Guard
Special Color

Pricing available upon request for all options.

COOLING TOWER DEPOT
The Depot of All Cooling Towers
www.coolingtowerdepot.com

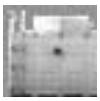
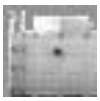
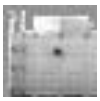
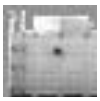
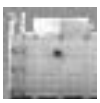
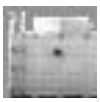
Free! the industries only Online Cooling Tower Design Program With Pricing. Beat That. Free!

Copyright © 2007 Visit our web site at www.coolingtowerdepot.com for our full Terms and Conditions

Package Towers



Package Towers Splash Fill

	Part No.	Part Description	Price
	**CTD-DL-88-SF**	Packaged Cooling Tower	**$50,166.71**
		Maximum Flow: 468 GPM	
		Maximum HP: 10 HP *	
	**CTD-DL-812-SF**	Packaged Cooling Tower	**$62,038.97**
		Maximum Flow: 765 GPM	
		Maximum HP: 20 HP *	
	**CTD-DL-816-SF**	Packaged Cooling Tower	**$68,701.36**
		Maximum Flow: 832.5 GPM	
		Maximum HP: 20 HP *	
	**CTD-DL-1212-SF**	Packaged Cooling Tower	**$71,663.63**
		Maximum Flow: 1134 GPM	
		Maximum HP: 25 HP *	
	**CTD-DL-1216-SF**	Packaged Cooling Tower	**$83,628.70**
		Maximum Flow: 1440 GPM	
		Maximum HP: 30 HP *	
	**CTD-DL-1220-SF**	Packaged Cooling Tower	**$95,329.27**
		Maximum Flow: 1827 GPM	
		Maximum HP: 40 HP *	
	**CTD-DL-1616-SF**	Packaged Cooling Tower	**$96,336.29**
		Maximum Flow: 1935 GPM	
		Maximum HP: 40 HP *	
	**CTD-DL-1620-SF**	Packaged Cooling Tower	**$109,647.14**
		Maximum Flow: 2430 GPM	
		Maximum HP: 50 HP *	
	**CTD-DL-1624-SF**	Packaged Cooling Tower	**$121,141.98**
		Maximum Flow: 2790 GPM	
		Maximum HP: 60 HP *	
	**CTD-DL-2020-SF**	Packaged Cooling Tower	**$129,154.79**
		Maximum Flow: 3240 GPM	
		Maximum HP: 75 HP *	
	**CTD-DL-2024-SF**	Packaged Cooling Tower	**$148,680.98**
		Maximum Flow: 3690 GPM	
		Maximum HP: 75 HP *	
	**CTD-DL-2424-SF**	Packaged Cooling Tower	**$167,138.30**
		Maximum Flow: 4185 GPM	
		Maximum HP: 75 HP *	

* Packaged Cooling Tower ratings assume a hot water temp of 95°F, a cold water temp of 85°F, and a wet bulb temp of 78°F.

Prices in this book are subject to change. For updated pricing, please call us at (877)-243-3945 or visit us online at www.coolingtowerdepot.com

COOLING TOWER DEPOT
The Depot of All Cooling Towers
www.coolingtowerdepot.com

Copyright © 2007 Visit our web site at www.coolingtowerdepot.com for our full Terms and Conditions



Features



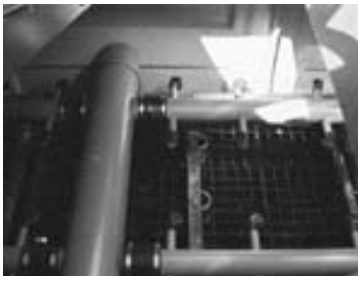
This is the world's **only** modular-packed splash fill cooling tower available anywhere.

Look at the photos to the right and see for yourself.



Packaged tower standard features:

- Non-Corrosive Fiberglass and Stainless Steel Structure
- High-Quality Components, Made in the U.S.A.
- Efficient Counterflow Design
- 250-5000 gpm Capacity
- Uncomplicated Field Assembly
- Technical Support
- FRP Ladder and Handrails
- Fire-Retardant Resin
- 6' High Fan Stack
- Stainless Steel Oil and Vent Lines
- Polypropolene Splash Fill



Packaged tower options:

- On-Site Installation Service
- Basin Heater
- Two-Speed Motor or Variable Frequency Drive
- Low Oil Cut-off Switch
- Stainless Steel Fan Guard
- Special Color

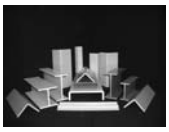


Pricing available upon request for all options.

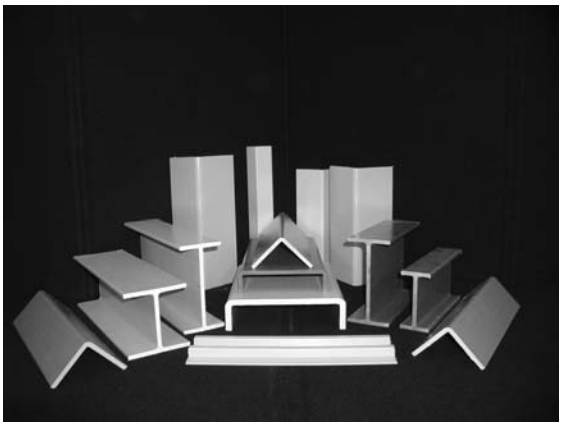
COOLING TOWER DEPOT
The Depot of All Cooling Towers
www.coolingtowerdepot.com

Free! the industries only Online Cooling Tower Design Program With Pricing. Beat That. Free!

Copyright © 2007 Visit our web site at www.coolingtowerdepot.com for our full Terms and Conditions



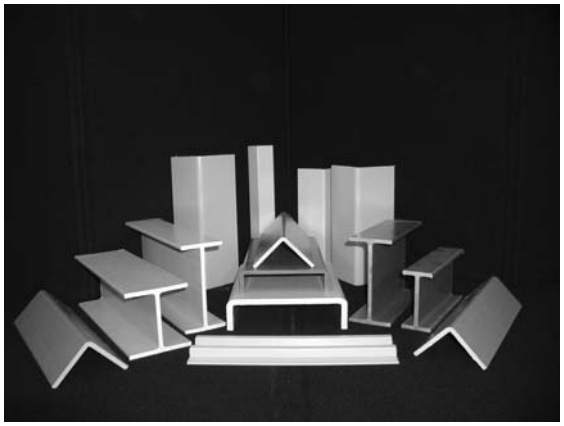
Pultruded FRP Members



Part Number	Part Description	Price
CTD-FRP-2-A	2” x 1/4” equal leg angle	$3.12/foot
CTD-FRP-3-A	3” x 1/4” equal leg angle	$3.97/foot
CTD-FRP-4-A	4” x 1/4” equal leg angle	$5.20/foot
CDT-FRP-3.5-C	3 1/2” 1 1/2” x 3/16” channel	$4.20
CTD-FRP-4-14-C	4” x 1 1/8” x 1/4” channel	$4.90
CTD-FRP-4-C	4” x 1 3/8” x 3/16” channel	$4.80/foot
CTD-FRP-5.5-C	5 1/2” x 1 1/2” x 1/4” channel	$5.51/foot
CTD-FRP-6-C	6” x 1 5/8” x 1/4” channel	$6.23/foot
CTD-FRP-8-14-C	8” x 2 3/16” x 1/4” channel	$8.51/foot
CTD-FRP-8-38-C	8” x 2 3/16” x 3/8” channel	$14.01/foot
CTD-FRP-10-C	10” x 2 3/4” x 1/2” channel	$21.37/foot
CTD-FRP-3.5-I	3 1/2” x 1 1/2” x 3/16” I-Beam	$6.43/foot
CTD-FRP-4-I	4” x 2” x 1/4” I-Beam	$6.54/foot
CTD-FRP-5.5-I	5 1/2” x 2 1/2” x 1/4” I-Beam	$9.05/foot

Prices in this book are subject to change. For updated pricing, please call us at (877)-243-3945 or visit us online at www.coolingtowerdepot.com

Copyright © 2007 Visit our web site at www.coolingtowerdepot.com for our full Terms and Conditions



Part Number	Part Description	Price
CTD-FRP-6-I	6” x 3” x 1/4” I-Beam	$8.71/foot
CTD-FRP-2-T	2” x 1/4” square tube	$5.08/foot
CTD-FRP-2.5-T	2 1/2” x 1/4” square tube	$5.70/foot
CTD-FRP-3-T	3” x 1/4” square tube	$7.68/foot
CTD-FRP-3.5-T	3 1/2” x 1/4” square tube	$8.70/foot
CTD-FRP-4-T	4” x 1/4” square tube	$10.78/foot
CTD-FRP-6-4-RT	6” x 4” x 1/4” rectangular tube	$21.71/foot
CTD-FRP-3-FS-38	3” x 3/8” Flat Strip	$5.27/foot
CTD-FRP-3-FS-12	3” x 1/2” Flat Strip	$6.01/foot
CTD-FRP-FD	12’’ x 2 1/8’’ deck	$6.98/foot
CTD-FRP-F24D	24’’ x 1 1/8’’ deck	$13.25/foot
CTD-FRP-F24D1.5	24’’ x 1 1/2’’ deck	$19.17/foot
CTD-FRP-4X8	1/8’’ x 4’ x 8’ gritted sheet	$227.15/foot

COOLING TOWER DEPOT
The Depot of All Cooling Towers
www.coolingtowerdepot.com
Free! the industries only Online Cooling Tower Design Program With Pricing. Beat That. Free!

Copyright © 2007 Visit our web site at www.coolingtowerdepot.com for our full Terms and Conditions

BEDFORD
REINFORCED PLASTICS, INC.

More than a Decade Manufacturing and Supplying Quality Fiberglass Structural Materials to the Cooling Tower Industry





We now offer "Direct Size Wood Replacement" profiles, featuring:

- 3 1/2" x 3 1/2" x 1/4" square tube replaces 4 x 4 lumber
- 5 1/2" x 1 1/2" x 1/4" channel replaces 2 x 6 lumber
- 3 1/2" x 1 1/2" x 3/16" channel replaces 2 x 4 lumber
- 3 1/2" x 1 1/2" x 3/16" IBeam replaces 2 x 4 lumber
- 5 1/2" x 2 1/2" x 1/4" IBeam replaces 2 x 6 lumber
- 3" x 3/8" FRP strap



Bedford Reinforced Plastics, Inc. specializes in FRP Pultruded Products for the cooling tower market. We have inventory located on the east and west coast and in Houston, TX.



Literature is available upon request.

Ask us about our replacement fan deck.

- 24" x 1 1/2" deck
- 24" x 1 1/8" deck

Over 30 years in the Business!

Visit our website at **www.bedfordplastics.com**

264 Reynoldsdale Road Bedford, PA 15522-7401 USA
Phone: 814-623-8125 Fax: 814-623-6032 frpsales@bedfordplastics.com

Prices in this book are subject to change. For updated pricing, please call us at (877)-243-3945 or visit us online at www.coolingtowerdepot.com

COOLING TOWER DEPOT
The Depot of All Cooling Towers
www.coolingtowerdepot.com

Copyright © 2007 Visit our web site at www.coolingtowerdepot.com for our full Terms and Conditions

Vibration Switches

Vibration Switches



	Part No.	Part Description	Price
	**CTD-VS-2**	Murphy vibration switch manual reset	**$135.52**
	**CTD-VS-2EX**	Murphy vibration switch manual reset DPDT	**$226.86**
	**CTD-M5550**	Metrix basic model 5550	**$254.14**
	**CTD-M6000**	Metrix basic model 6000 electronic	**$956.25**

FRP Walkways



Pultruded FRP Mechanical Access Walkway with 304 Stainless Steel hardware (specify fan diameter). Starting at $3,189.00/each. Please call customer service at (877) 243-3945 for a firm quote.



CTD-FRP-IAW	Pultruded FRP Interior Access Walkways with 304 Stainless Steel hardware (specify length).	**$122.00/foot**

COOLING TOWER DEPOT
The Depot of All Cooling Towers
www.coolingtowerdepot.com
Free! the industries only Online Cooling Tower Design Program With Pricing. Beat That. Free!
Copyright © 2007 Visit our web site at www.coolingtowerdepot.com for our full Terms and Conditions

Plywood



Pressure Treated Plywood

All plywood is Pressure Treated Douglas Fir Plywood.



*Prices shown are for unfabricated plywood. Custom fabrication available.

Prices will vary based on quantities purchased, delivery destination, and market conditions. Please call Customer Service at (877) 243-3945 for current pricing.

Part No.	Part Description	Price
CTD-1/2"-PLY	1/2" 4 X 8 Plywood Panel	**$49.25**
CTD-3/4"-PLY	3/4" 4 X 8 Plywood Panel	**$68.55**
CTD-1"-PLY	1" 4 X 8 Plywood Panel	**$91.56**
CTD-1-1/8"-PLY	1-1/8" 4 X 8 Plywood Panel	**$94.09**

Prices in this book are subject to change. For updated pricing, please call us at (877)-243-3945 or visit us online at www.coolingtowerdepot.com

COOLING TOWER DEPOT
The Depot of All Cooling Towers
www.coolingtowerdepot.com

Copyright © 2007 Visit our web site at www.coolingtowerdepot.com for our full Terms and Conditions

Water Noise Attenuators

Water Noise Attenuators

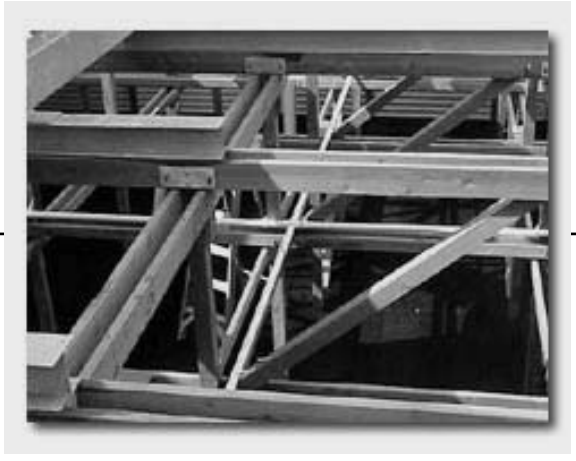






Part No.	Part Description	Price
CTD-WNA-PNM	Plastic Nylon Mesh 7020, 100 square yard roll (recommend 3 layers)	**$1,288.00 /Roll ***
CTD-WNA-PTDF	Pressure Treated Douglas Fir/Plywood Panels 6' x 6' area (36 square feet)	**$198.00 /Panel ***

* Prices will vary based on quantities purchased, delivery destination, and market conditions.
Call for dBA loss achieved for your application.
Please call Customer Service at (877) 243-3945 for current pricing.



Wet Down Systems

Complete Wet Down Systems available for your specific wood tower, crossflow or counterflow applications. Please call customer service at (877) 243-3945 for sizing & pricing.

COOLING TOWER DEPOT
The Depot of All Cooling Towers
www.coolingtowerdepot.com

Free! the industries only Online Cooling Tower Design Program With Pricing. Beat That. Free!

Copyright © 2007 Visit our web site at www.coolingtowerdepot.com for our full Terms and Conditions

Plume Abatement



Plume Abatement



Custom Plume Abatement Systems available for your new or existing cooling tower, for applications using either hot water source or steam coils. Please call customer service at (877) 243-3945 for your specific application.



Prices in this book are subject to change. For updated pricing, please call us at (877)-243-3945 or visit us online at www.coolingtowerdepot.com

COOLING TOWER DEPOT
The Depot of All Cooling Towers
www.coolingtowerdepot.com

Copyright © 2007 Visit our web site at www.coolingtowerdepot.com for our full Terms and Conditions

Stairtowers





Enclosed Stairways with translucent FRP casing starting at $4,106.
Please call customer service at (877) 243-3945 for sizing & pricing.

	Part No.	Part Description	Price
	**CTD-STAIR-PTDF**	Pressure Treated Douglas Fir with 304 Stainless Steel Hardware	**$246.28 / Vertical Foot**
	**CTD-STAIR-PTR**	Pressure Treated Redwood with 304 Stainless Steel Hardware	**$338.62 / Vertical Foot**
	**CTD-STAIR-FRP**	Pultruded FRP with 304 Stainless Steel Hardware	**$438.62 / Vertical Foot**

COOLING TOWER DEPOT
The Depot of All Cooling Towers
www.coolingtowerdepot.com

Free! the industries only Online Cooling Tower Design Program With Pricing. Beat That. Free!

Copyright © 2007 Visit our web site at www.coolingtowerdepot.com for our full Terms and Conditions

Partitions/Windwalls



Partitions/Windwalls



Partitions/Windwalls may be constructed of plywood or FRP.
For plywood please see page 148 or for FRP please see page 28.

Prices in this book are subject to change. For updated pricing, please call us at (877)-243-3945 or visit us online at www.coolingtowerdepot.com

COOLING TOWER DEPOT
The Depot of All Cooling Towers
www.coolingtowerdepot.com

Copyright © 2007 Visit our web site at www.coolingtowerdepot.com for our full Terms and Conditions





Customized hot dipped galvanized Mechanical Supports are available for every fan diameter. Please call customer service at (877) 243-3945 to discuss your requirements.

Prices starting at $1,128 per support.

Stainless steel supports are also available upon request.

	Part No.	Part Description	Price/Ft.
	**CTD-OILHDG**	HDG oil and fill lines from the gear box to outside the fan stack with oil sight gauge and neoprene flex hose $33.38/ft measure from the gearbox to electric motor for distance.	**$37.56**
	**CTD-OILSS**	Stainless steel oil and fill lines from the gearbox to outside the fan stack including the oil sight gauge and neoprene flex hose $61.62/ft measure from the gearbox to the electric motor for distance.	**$69.32**

COOLING TOWER DEPOT
The Depot of All Cooling Towers
www.coolingtowerdepot.com

Free! the industries only Online Cooling Tower Design Program With Pricing. Beat That. Free!

Copyright © 2007 Visit our web site at www.coolingtowerdepot.com for our full Terms and Conditions

Fire Protection System



Fire Protection System



Each Fire Protection Package is customized for your cooling tower. Please call customer service at (877) 243-3945 to discuss your fire protection requirements.



Please call customer service for replacement parts or firm quotes on complete fire protection systems for your application.

Prices in this book are subject to change. For updated pricing, please call us at (877)-243-3945 or visit us online at www.coolingtowerdepot.com

COOLING TOWER DEPOT
The Depot of All Cooling Towers
www.coolingtowerdepot.com

Copyright © 2007 Visit our web site at www.coolingtowerdepot.com for our full Terms and Conditions

Mechanical Davits

Mechanical Davits





Mechanical Davit Systems are available for most cooling tower sizes. All davit systems include rail, track and dolly.

Prices start at $3,879.00.

Please call customer service for a firm quote.

Distribution Systems



Custom fabricated Distribution Systems, FRP & PVC, are available for your specific needs. Please call customer service or contact us to discuss your application and pricing.



Custom FRP Risers available for any new or existing cooling tower. Please call customer service or contact us to discuss your application and pricing.

COOLING TOWER DEPOT
The Depot of All Cooling Towers
www.coolingtowerdepot.com

Free! the industries only Online Cooling Tower Design Program With Pricing. Beat That. Free!

Copyright © 2007 Visit our web site at www.coolingtowerdepot.com for our full Terms and Conditions



Lightning Protection



Each Lightning Protection Package is customized for your cooling tower. Please call customer service at (877) 243-3945 to discuss your lightning protection needs.



*Please call customer service for replacement parts or firm quotes on complete lightning protection systems for your application.

Prices in this book are subject to change. For updated pricing, please call us at (877)-243-3945 or visit us online at www.coolingtowerdepot.com

Copyright © 2007 Visit our web site at www.coolingtowerdepot.com for our full Terms and Conditions

Fax Order Form or Quote Request

Cooling Tower Depot, Inc.
651 Corporate Circle, Suite #206
Golden, Colorado 80401
Phone: 720-746-1234
Fax: 720-746-1110

Todays Date: _____

Company Name: _____

Your Name: _____

Company Billing Address: _____

Company Phone No.: _____

Company Fax No.: _____

Payment Method: ☐ American Express ☐ MasterCard ☐ Visa ☐ Discover ☐ Terms

Account No.: _____ Expiration Date: _____

Tax Exempt No.: _____ P.O. No.: _____

Signature: _____

Ship To Address: _____

City: _____ State: _____ Zip: _____

Special Instructions: _____

Date Required On-Site: _____

Part No.	Quantity	Description	Price	Page No.	Extended Price

Free! the industries only Online Cooling Tower Design Program With Pricing. Beat That.

Copyright © 2007 Visit our web site at www.coolingtowerdepot.com for our full Terms and Conditions

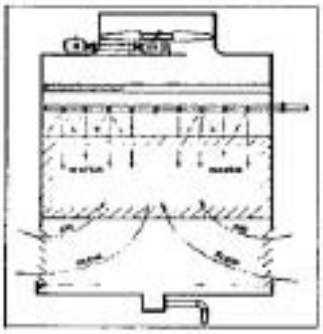
Cooling Tower Fact Sheet

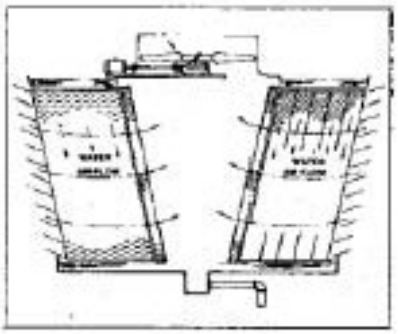
Supply as much information as possible

Company Name _____

Cooling Tower Manufacturer _____ Model Number _____ Number of Cells _____

Counter Flow ☐ Cross Flow ☐





Fan Diameter (Feet) _____
No. of Fan Blades/Fan _____
Fan RPM _____

Motor HP _____
Motor RPM _____
Gear Reducer Ratio _____

Riser Pipe ø _____

Original Design Conditions ☐

Present Operating Conditions ☐

Design Conditions Desired

Gallons Per Minute of Water:

Fill Type: ☐ Film ☐ Splash

Flow Each Per Cell GPM _____

Flow Total System GPM _____

Temperatures: Water:

HWT Tower _____ ° F

CWT Tower _____ ° F

Ambient Wet Bulb _____ ° F

Tonnage of Refrigeration _____

Gallons Per Minute of Water:

Fill Type: ☐ Film ☐ Splash

Flow Each Per Cell GPM _____

Flow Total System GPM _____

Temperatures: Water:

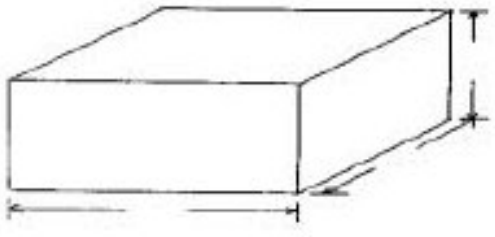
HWT Tower _____ ° F

CWT Tower _____ ° F

Ambient Wet Bulb _____ ° F

Tonnage of Refrigeration _____

Dimensional Information





Length _____ Width _____ Height _____ Indicate Fan Position(s) on Applicable Sketch

Fact Sheet

Prices in this book are subject to change. For updated pricing, please call us at (877)-243-3945 or visit us online at www.coolingtowerdepot.com

COOLING TOWER DEPOT™ The Depot of All Cooling Towers www.coolingtowerdepot.com

Copyright © 2007 Visit our web site at www.coolingtowerdepot.com for our full Terms and Conditions

Wet/Dry Bulb Reference Chart

	Elevation	Design Dry Bulb			Design Wet Bulb		
	Ft	1%	2%	5%	1%	2%	5%
UNITED STATES OF AMERICA							
ALABAMA							
Alexander City	660	96	94	93	79	78	77
Anniston	599	96	94	93	79	78	77
Auburn	730	98	96	95	80	79	78
Burmingham	610	97	94	93	79	78	77
Decatur	580	97	95	94	79	78	77
Dothan	321	97	95	94	81	80	79
Florence	528	97	95	94	79	78	77
Gadsden	570	96	94	93	78	77	76
Huntsville	619	97	95	94	78	77	76
Mobile	211	95	93	91	80	79	79
Mobile	119	96	94	93	80	79	79
Montgomery	195	98	95	93	80	79	78
Selma-Craig AFB	207	98	96	94	81	80	79
Talladega	565	97	95	94	79	78	77
Tuscaloosa	170	98	96	95	81	80	79
ALASKA							
Anchorage	90	73	70	67	63	61	59
Barrow	22	58	54	50	54	51	48
Fairbanks	436	82	78	75	64	63	61
Juneau	17	75	71	68	66	64	62
Kodiak	21	71	66	63	62	60	58
Nome	13	66	62	59	58	56	54
ARIZONA							
Douglas	4098	100	98	96	70	69	68
Flagstaff	6973	84	82	80	61	60	59
Fort Huachuca	4664	95	93	91	69	68	67
Kingman	3446	103	100	97	70	69	69
Nogales	3800	100	98	96	72	71	70
Phoenix	1117	108	106	104	77	76	75
Prescott	5014	96	94	91	67	66	65
Tucson	2584	105	102	100	74	73	72
Winslow	4880	97	95	92	66	65	64
Yuma	199	111	109	107	79	78	77
ARKANSAS							
Blytheville AFB	264	98	96	93	80	79	78
Camden	116	99	97	96	81	80	79
El Dorado	252	98	96	95	81	80	79
Fayetteville	1253	97	95	93	77	76	75
Fort Smith	449	101	99	96	79	78	77
Hot Springs Nat Pk	710	99	97	96	79	78	77
Jonesboro	345	98	96	95	80	79	78
Little Rock	257	99	96	94	80	79	78
Pine Bluff	204	99	96	95	81	80	79
Texarkana	361	99	97	96	80	79	78

COOLING TOWER DEPOT
The Depot of All Cooling Towers
www.coolingtowerdepot.com
Free! the industries only Online Cooling Tower Design Program With Pricing. Beat That.
Free!

Copyright © 2007 Visit our web site at www.coolingtowerdepot.com for our full Terms and Conditions

Wet/Dry Bulb Reference Chart

	Elevation	Design Dry Bulb			Design Wet Bulb		
	Ft	1%	2%	5%	1%	2%	5%
CALIFORNIA							
Bakersfield	495	103	101	99	72	71	70
Barstow	2142	104	102	99	73	72	71
BlytheAP	390	111	109	106	78	77	76
Burbank	699	97	94	91	72	70	69
Chico	205	102	100	97	71	70	69
Concord	195	96	92	88	69	67	66
Covina	575	100	97	94	73	72	71
Crecent City	50	72	69	65	61	60	59
Downey	116	93	90	87	72	71	70
El Cajon	525	98	95	92	74	73	72
El Centro	-30	111	109	106	81	80	79
Escondido	660	95	92	89	73	72	71
Eureka / Arcate	217	67	65	63	60	59	58
Fairfield-Travis AFB	72	98	94	90	71	69	67
Fresno	326	101	99	97	73	72	71
Hamilton AFB	3	89	85	81	71	68	66
Laguna Beach	35	83	80	77	69	68	67
Livermore	545	99	97	94	70	69	68
Lompoc, Vanderburg AFB	552	82	79	76	65	63	61
Long Beach	34	87	84	81	72	70	69
Los Angeles	99	86	83	80	69	68	67
Los Angeles	312	94	90	87	72	70	69
Merced-Castle AFB	178	102	99	96	73	72	70
Modesto	91	101	98	96	72	71	70
Monterey	38	82	79	76	64	63	61
Napa	16	94	92	89	69	68	67
Needles	913	112	110	107	76	75	74
Oakland	3	85	81	77	65	63	62
Oceanside	30	84	81	78	69	68	67
Ontario	995	100	97	94	72	71	70
Oxnard AFB	43	84	80	78	70	69	67
Palmdale	2517	103	101	98	70	68	67
Palm Springs	411	110	108	105	79	78	77
Pasadena	864	96	93	90	72	70	69
Petaluma	27	94	90	87	70	68	67
Pamona	871	99	96	93	73	72	71
Redding	495	103	101	98	70	69	67
Redlands	1318	99	96	93	72	71	70
Richmond	55	85	81	77	66	64	63
Riverside-March AFB	1511	99	96	94	72	71	69
Sacramento	17	100	97	94	72	70	69
Salinas	74	87	85	82	67	65	64
San Bernadino, Norton AFB	1125	101	98	96	75	73	71
San Diego	19	86	83	80	71	70	68
San Fernando	977	100	97	94	73	72	71

Prices in this book are subject to change. For updated pricing, please call us at (877)-243-3945 or visit us online at www.coolingtowerdepot.com

COOLING TOWER DEPOT
The Depot of All Cooling Towers
www.coolingtowerdepot.com

Copyright © 2007 Visit our web site at www.coolingtowerdepot.com for our full Terms and Conditions

Wet/Dry Bulb Reference Chart

	Elevation	Design Dry Bulb			Design Wet Bulb		
	Ft	1%	2%	5%	1%	2%	5%
CALIFORNIA (continued)							
San Francisco	8	83	79	75	65	63	62
San Francisco	52	80	77	73	64	62	61
San Jose	70	90	88	85	69	67	65
San Luis Obispo	315	89	85	82	65	64	63
Santa Ana	115	92	89	86	72	71	70
Santa Barbara	100	87	84	81	67	66	65
Santa Cruz	125	87	84	80	66	65	63
Santa Maria	238	87	84	80	67	66	65
COLORADO							
Denver	5280	93	91	89	63	62	61
Fort Collins	5001	91	89	86	63	62	61
Grand Junction	4849	96	94	92	64	63	62
Greeley	4648	94	92	89	65	64	63
La Junta	4188	97	95	93	72	71	69
Leadville	10177	76	73	70	56	55	54
Pueblo	4639	96	94	92	68	67	66
Sterling	3939	95	93	90	67	66	65
Trinidad	5746	93	91	89	66	65	64
CONNECTICUT							
Bridgeport,	7	90	88	85	77	76	75
Hartford, Brainard Field	15	90	88	85	77	76	74
New Haven	6	88	86	83	77	76	75
New London	60	89	86	83	77	75	74
Norwalk	37	91	89	86	77	76	75
Norwich	20	88	86	83	77	76	75
Waterbury	605	90	88	85	77	76	75
Windsor Locks, Bradley Field	169	90	88	85	76	75	73
DELAWARE							
Dover AFB	38	93	90	88	79	78	77
Wilmington	78	93	90	87	79	77	76
DISTRICT COLUMBIA							
Andrews AFB	279	94	91	88	79	77	76
Washington National	14	94	92	90	78	77	76
FLORIDA							
Belle Glade	16	93	91	90	80	79	79
Cape Kennedy	16	90	89	88	81	80	79
Daytona Beach	31	94	92	91	81	80	79
Fort Lauderdale	13	91	90	89	81	80	79
Fort Myers	13	94	92	91	80	80	79
Fort Pierce	10	93	91	90	81	80	79
Gainesville	155	96	94	93	80	79	79
Jacksonville	24	96	94	92	80	79	79
Key West	6	90	89	88	80	79	79
Lakeland	214	95	93	91	80	79	78
Miami	7	92	90	89	80	79	79
Miami Beach	9	91	89	88	80	79	79
Ocala	86	96	94	93	80	79	79

COOLING TOWER DEPOT
The Depot of All Cooling Towers
www.coolingtowerdepot.com
Free! the industries only Online Cooling Tower Design Program With Pricing. Beat That.

Copyright © 2007 Visit our web site at www.coolingtowerdepot.com for our full Terms and Conditions

Wet/Dry Bulb Reference Chart

	Elevation	Design Dry Bulb			Design Wet Bulb		
	Ft	1%	2%	5%	1%	2%	5%
FLORIDA (continued)							
Orlando	106	96	94	93	80	79	78
Panama City, Tyndall AFB	22	92	91	90	81	80	80
Pensacola	13	92	90	89	82	81	80
St Augustine	15	94	92	90	81	80	79
St Petersburg	35	93	91	90	81	80	79
Sanford	14	95	93	92	80	79	79
Sarasota	30	93	91	90	80	80	79
Tallahassee	58	96	94	93	80	79	79
Tampa	19	92	91	90	81	80	79
West Palm Beach	15	92	91	89	81	80	80
GEORGIA							
Albany, Turner AFB	224	98	96	94	80	79	78
Americus	476	98	96	93	80	79	78
Athens	700	96	94	91	78	77	76
Monltrie	340	97	95	93	80	79	78
Rome	637	97	95	93	78	77	76
Savannah-Travis	52	96	94	92	81	80	79
Valdosta-Moody AFB	239	96	94	92	80	79	78
Waycross	140	97	95	93	80	79	78
HAWAII							
Hilo	31	85	83	82	74	73	72
Honolulu	7	87	85	84	75	74	73
Kaneohe	198	85	83	82	74	73	73
Wahaiwa	215	86	84	83	75	74	73
IDAHO							
Boise	2842	96	93	91	68	66	65
Burley	4180	95	93	89	68	66	64
Coeur d'Alene	2973	94	91	88	66	65	63
Idaho Falls	4730	91	88	85	65	64	62
Lewiston	1413	98	96	93	67	66	65
Moscow	2660	91	89	86	64	63	61
Mountan Home AFB	2992	99	96	93	68	66	64
Pocatello	4444	94	91	88	65	63	62
Twin Falls	4148	96	94	91	66	64	63
ILLINOIS							
Aurora	744	93	91	88	78	77	75
Belleville, Scott AFB	447	97	95	92	79	78	77
Bloominton	775	94	92	89	79	78	77
Carbondale	380	98	96	94	80	79	78
Champaign / Urbana	743	96	94	91	79	78	77
Chicago Midway	610	95	92	89	78	76	75
Chicago, O'Hare	658	93	90	87	77	75	74
Chicago, C O	594	94	91	88	78	76	75
Danvme	558	96	94	91	79	78	76
Decatur	670	96	93	91	79	78	77
Divon	696	93	91	89	78	77	76
Elgin	820	92	90	87	78	76	75

Prices in this book are subject to change. For updated pricing, please call us at (877)-243-3945 or visit us online at www.coolingtowerdepot.com

COOLING TOWER DEPOT™ The Depot of All Cooling Towers www.coolingtowerdepot.com

Copyright © 2007 Visit our web site at www.coolingtowerdepot.com for our full Terms and Conditions

Wet/Dry Bulb Reference Chart

	Elevation	Design Dry Bulb			Design Wet Bulb		
	Ft	1%	2%	5%	1%	2%	5%
ILLINOIS (continued)							
Freeport	780	92	90	87	78	77	75
Galesburg	771	95	92	89	79	78	76
Greenville	563	96	94	92	79	78	77
Joliet	588	94	92	89	78	77	75
Kankakee	625	94	92	89	78	77	76
La Salle/Peru	520	94	93	90	78	77	76
Macomb	702	95	93	90	79	78	77
Moline	582	94	91	88	79	77	76
Mt Vernon	500	97	95	92	79	78	77
Peoria	652	94	92	89	78	77	76
Quincy	762	97	95	92	80	79	77
Rantoul, Chanute AFB	740	94	92	89	78	77	76
Springfield	587	95	92	90	79	78	77
Waukegan	680	92	90	87	77	76	75
INDIANA							
Anderson	847	93	91	88	78	77	76
Bedford	670	95	93	90	78	77	76
La Porte	810	93	91	88	77	76	74
Marion	791	93	91	88	78	76	75
Muncie	955	93	91	88	78	77	75
Peru, Bunker Hill AFB	804	91	89	86	77	76	74
Richmond	1138	93	91	88	78	77	75
Shelbyville	765	94	92	89	78	77	76
South Bend	773	92	89	87	77	76	74
Terre Haute	601	95	93	91	79	78	77
Valparaiso	801	92	90	87	78	76	75
Vincennes	420	96	94	91	79	78	77
IOWA							
Ames	1004	94	92	89	79	78	76
Burlington	694	95	92	89	80	78	77
Cedar Rapids	863	92	90	87	78	76	75
Clinton	595	92	90	87	78	77	76
Council Bluffs	1210	97	94	91	79	78	76
Des Moines	948	95	92	89	79	77	76
Debuque	1065	92	90	87	78	76	75
Fort Dodge	1111	94	92	89	78	77	75
Iowa City	645	94	91	88	79	77	76
Keokuk	526	95	93	90	79	78	77
Marshalltown	898	93	91	88	79	77	76
Mason City	1194	91	88	85	77	75	74
Newton	946	95	93	90	79	77	76
Ottumwa	842	95	93	90	79	78	76
Sioux City	1095	96	93	90	79	77	76
Waterloo	868	91	89	86	78	76	75

COOLING TOWER DEPOT
The Depot of All Cooling Towers
www.coolingtowerdepot.com
Free! the industries only Online Cooling Tower Design Program Free! With Pricing. Beat That.

Copyright © 2007 Visit our web site at www.coolingtowerdepot.com for our full Terms and Conditions

Wet/Dry Bulb Reference Chart

	Elevation	Design Dry Bulb			Design Wet Bulb		
	Ft	1%	2%	5%	1%	2%	5%
KANSAS							
Atchison	945	97	95	92	79	78	77
Chanute	977	99	97	95	79	78	77
Dodge City	2594	99	97	95	74	73	72
El Dorado	1282	101	99	96	78	77	76
Emporia	1209	99	97	94	78	77	76
Garden City	2882	100	98	96	74	73	72
Goodland	3645	99	96	93	71	70	69
Great Bend	1940	101	99	96	77	76	75
Hutchinson	1524	101	99	96	77	76	75
Liberal	2838	102	100	99	74	73	71
Manhattan, Fort Riley	1076	101	98	95	79	78	77
Parsons	908	99	97	94	79	78	77
Russell	1864	102	100	97	78	76	75
Salina	1271	101	99	96	78	76	75
Topeka	877	99	96	94	79	78	77
Wichita	1321	102	99	96	77	76	75
KENTUCKY							
Ashland	551	94	92	89	77	76	75
Bowling Green	535	97	95	93	79	78	77
Corbin	1175	93	91	89	79	77	76
Covington	869	93	90	88	77	76	75
Hopkinsville, Campbell AFB	540	97	95	92	79	78	77
Lexington	979	94	92	90	78	77	76
Louisville	474	96	93	91	79	78	77
Madisonville	409	96	94	92	79	78	77
Owensboro	420	96	94	92	79	78	77
Paducah	398	97	95	94	80	79	78
LOUISIANA							
Alexandria	92	97	98	94	80	80	79
Baton Rouge	64	96	94	92	81	80	79
Bogalusa	103	96	94	93	80	79	78
Houma	13	94	92	91	81	80	79
Lafayette	38	95	93	92	81	81	80
Lake Charles	14	95	93	91	80	79	79
Minden	250	98	96	95	81	80	79
Monroe	78	98	96	95	81	81	80
Natchitoches	120	99	97	96	81	80	79
New Orleans	3	93	91	90	81	80	79
Shreveport	252	99	96	94	81	80	79
MAINE							
Augusta	350	88	86	83	74	73	71
Bangor, Dow AFB	162	88	85	81	75	73	71
Caribou	624	85	81	78	72	70	68
Lewiston	182	88	86	83	74	73	71
Millinocket	405	87	85	82	74	72	70
Portland	61	88	85	81	75	73	71
Waterville	89	88	86	82	74	73	71

Prices in this book are subject to change. For updated pricing, please call us at (877)-243-3945 or visit us online at www.coolingtowerdepot.com

COOLING TOWER DEPOT
The Depot of All Cooling Towers
www.coolingtowerdepot.com

Copyright © 2007 Visit our web site at www.coolingtowerdepot.com for our full Terms and Conditions

Wet/Dry Bulb Reference Chart

	Elevation	Design Dry Bulb			Design Wet Bulb		
	Ft	1%	2%	5%	1%	2%	5%
MARYLAND							
Baltimore	146	94	91	89	79	78	77
Baltimore	14	94	92	89	79	78	77
Cumberland	945	94	92	89	76	75	74
Frederick	294	94	92	89	78	77	76
Hagerstown	660	94	92	89	77	76	75
Salisbury	52	92	90	87	79	78	77
MASSACHUSETTS							
Boston	15	91	88	85	76	74	73
Clinton	398	87	85	82	75	74	72
Fall River	190	88	86	83	75	74	73
Framingham	170	91	89	86	76	74	73
Greenfield	10	86	84	81	74	73	72
Gloucester	205	89	87	84	75	74	73
Lawrence	57	90	88	85	76	74	72
Lowell	90	91	89	86	76	74	72
New Bedford	70	86	84	81	75	73	72
Pittsfield	1170	86	84	81	74	72	71
Springfield, Westover AFB	247	91	88	85	76	74	73
Taunton	20	88	86	83	76	75	74
Wocester	986	89	87	84	75	73	71
MICHIGAN							
Adrian	754	93	91	88	76	75	74
Alpena	689	87	85	82	74	73	71
Battle Creek	939	92	89	86	76	74	73
Benton Harbor	649	90	88	85	76	74	73
Detroit Met CAP	633	92	88	85	76	75	74
Escanaba	594	82	80	77	73	71	69
Flint	766	89	87	84	76	75	74
Grand Rapids	681	91	89	86	76	74	73
Holland	612	90	88	85	76	74	73
Jackson	1003	92	89	86	76	75	74
Kalamazoo	930	92	89	86	76	75	74
Lansing	852	89	87	84	76	75	73
Marquette	677	88	86	83	73	71	69
Mt Pleasant	796	89	87	84	75	74	73
Muskegon	627	87	85	82	75	74	73
Pontiac	974	90	88	85	76	75	73
Port Huron	586	90	88	85	76	74	73
Saginaw	662	88	86	83	76	75	73
Sault Ste Marie	721	83	81	78	73	71	69
Traverse City	618	89	86	83	75	73	72
Ypsilanti	777	92	89	86	76	74	73
MINNESOTA							
Albert Lea	1235	91	89	86	77	76	74
Alexandria	1421	90	88	85	76	74	72
Bemidji	1392	87	84	81	73	72	71

COOLING TOWER DEPOT
The Depot of All Cooling Towers
www.coolingtowerdepot.com
Free! the industries only Online Cooling Tower Design Program With Pricing. Beat That.

Copyright © 2007 Visit our web site at www.coolingtowerdepot.com for our full Terms and Conditions

Wet/Dry Bulb Reference Chart

	Elevation	Design Dry Bulb			Design Wet Bulb		
	Ft	1%	2%	5%	1%	2%	5%
MINNESOTA (continued)							
Brainerd	1214	88	85	82	74	73	72
Duluth	1426	85	82	79	73	71	69
Faribault	1190	90	88	85	77	75	74
Fergus Falls	1210	92	89	86	75	74	72
International Falls	1179	86	82	79	72	69	68
Manakato	785	91	89	86	77	75	74
Minneapolis / St Paul	822	92	89	86	77	75	74
Rochester	1297	90	88	85	77	75	74
St Cloud	1034	90	88	85	77	75	73
Virginia	1435	86	83	80	73	71	69
Willmar	1133	91	88	85	77	75	73
Winona	652	91	89	86	77	76	74
MISSISSIPPI							
Biloxi, Keesler AFB	25	93	92	90	82	81	80
Clarksdale	178	98	96	95	81	80	79
Columbus AFB	224	97	95	93	79	79	78
Greenville AFB	139	98	96	94	81	80	79
Greenwood	128	98	96	94	81	80	79
Hattiesburg	200	97	95	94	80	79	78
Jackson	330	98	96	94	79	78	78
Laurel	264	97	95	94	80	79	78
McComb	458	96	94	93	80	79	79
McComb	294	97	95	94	80	79	78
Meridian	168	96	94	93	80	80	79
Tupelo	289	98	96	95	80	79	78
Vicksburg	234	97	95	94	80	80	79
MISSOURI							
Cape Girardeau	330	98	96	94	80	79	78
Columbia	778	97	95	92	79	78	77
Farmington	928	97	95	93	79	78	77
Hannibal	489	96	94	91	79	78	77
Jefferson City	640	97	95	93	79	78	77
Joplin	982	97	95	93	79	78	77
Kansas City	742	100	97	94	79	77	76
KirksvilleAP	966	96	94	91	79	78	77
Mexico	775	96	94	91	79	78	77
Moberly	850	96	94	91	79	78	77
Poplar Bluff	322	98	96	94	80	79	78
Rolla	1202	97	95	93	79	78	77
St Joseph	809	97	95	92	79	78	77
St Louis	535	98	95	92	79	78	77
St Louis	465	96	94	92	79	78	77
Sedalia, Whiteman AFB	838	97	94	92	79	77	76
Sikeston	318	98	96	94	80	79	78
Springfield	1265	97	94	91	78	77	76

Prices in this book are subject to change. For updated pricing, please call us at (877)-243-3945 or visit us online at www.coolingtowerdepot.com

COOLING TOWER DEPOT
The Depot of All Cooling Towers
www.coolingtowerdepot.com

Copyright © 2007 Visit our web site at www.coolingtowerdepot.com for our full Terms and Conditions

Wet/Dry Bulb Reference Chart

	Elevation	Design Dry Bulb			Design Wet Bulb		
	Ft	1%	2%	5%	1%	2%	5%
MONTANA							
Billings	3567	94	91	88	68	66	65
Bozeman	4856	88	85	82	61	60	59
Butte	5526	86	83	80	60	59	57
Cut Bank A P	3838	89	86	82	65	63	61
Glasgow	2277	96	93	89	69	67	65
Glendive	2076	96	93	90	71	69	68
Great Falls	3664	91	88	85	64	63	61
Havre	2488	91	87	84	66	64	63
Helena	3893	90	87	84	65	63	61
Kalispell	2965	88	84	81	65	63	2
Lewiston	4132	89	86	83	65	63	62
Livingston	4653	91	88	85	63	62	61
Miles City	2629	97	94	91	71	69	68
Missoula	3200	92	89	86	65	63	61
NEBRASKA							
Beatrice	1235	99	97	94	78	77	76
Chadron	3300	97	95	92	72	70	69
Columbus	1442	98	96	93	78	76	75
Fremont	1203	99	97	94	78	77	76
Grand Island	1841	98	95	92	76	75	74
Hastings	1932	98	96	94	77	75	74
Kearney	2146	97	95	92	76	75	74
Lincoln	1150	100	96	93	78	77	76
McCook	2565	99	97	94	74	72	71
Norfolk	1532	97	95	92	78	76	75
North Platte	2779	97	94	90	74	73	72
Omaha	978	97	94	91	79	78	76
Scottsbluff	3950	96	94	91	70	69	67
Sidney	4292	95	92	89	70	69	67
NEVADA							
Carson City	4675	93	91	88	62	61	60
ElkoAP	5075	94	92	90	64	62	61
ElyAP	6257	90	88	86	60	59	58
Las Vegas	2162	108	106	104	72	71	70
Lovelock	3900	98	96	93	65	64	62
Reno	4404	95	92	90	64	62	61
Reno	4490	94	92	89	64	62	61
Tonopah	5426	95	92	90	64	63	62
Winnemucca	4299	97	95	93	64	62	61
NEW HAMPSHIRE							
Berlin	1110	87	85	82	73	71	70
Claremont	420	89	87	84	74	73	72
Concord	339	91	88	85	75	73	72
Keene	490	90	88	85	75	73	72
Laconia	505	89	87	84	74	73	72
Manchester, Grenier AFB	253	92	89	86	76	74	73
Portsmouth, Pease AFB	127	88	86	83	75	73	72



Copyright © 2007 Visit our web site at www.coolingtowerdepot.com for our full Terms and Conditions

Wet/Dry Bulb Reference Chart

	Elevation	Design Dry Bulb			Design Wet Bulb		
	Ft	1%	2%	5%	1%	2%	5%
NEW JERSEY							
Atlantic City	11	91	88	85	78	77	76
Long Branch	20	93	91	88	77	76	75
Newark	11	94	91	88	77	76	75
New Brunswick	86	91	89	86	77	76	75
Paterson	100	93	91	88	77	76	75
Phillipsburg	180	93	91	88	77	76	75
Trenton	144	92	90	87	78	77	76
Vineland	95	93	90	87	78	77	76
NEW MEXICO							
Alamagordo, Holloman AFB	4070	100	98	96	70	69	68
Albuquerque	5310	96	94	92	66	65	64
Artesia	3375	101	99	97	71	70	69
Carlsbad	3234	101	99	97	72	71	70
ClovisAP	4279	99	97	95	70	69	68
Farmington	5495	95	93	91	66	65	64
Gallup	6465	92	90	87	64	63	62
Grants	6520	91	89	86	64	63	62
HobbsAP	3664	101	99	96	72	71	70
Las Cruces	3900	102	100	97	70	69	68
Las Alamos	7410	88	86	83	64	63	62
Raton	6379	92	90	88	66	65	64
Roswell, Walker AFB	3643	101	99	97	71	70	69
Santa Fe	7045	90	88	85	65	63	62
Silver City	5373	95	93	91	68	67	66
Socorro	4617	99	97	94	67	66	65
Tucumacari	4053	99	97	95	71	70	69
NEW YORK							
Albany	277	91	88	85	76	74	73
Albany C O	19	91	89	86	76	74	73
Auburn	715	89	87	84	75	73	72
Batavia	900	89	87	84	75	74	72
Binghamton	858	91	89	86	74	72	71
Buffalo	705	88	86	83	75	73	72
Cortland	1129	90	88	85	75	73	72
Dunkirk	590	88	86	83	75	74	72
Elmira	860	92	90	87	75	73	72
Geneva	590	91	89	86	75	73	72
Glens Falls	321	88	86	83	74	72	71
Gloversville	770	89	87	84	75	73	71
Hornell	1325	87	85	82	74	72	71
Ithaca	950	91	88	85	75	73	72
Jamestown	1390	88	86	83	75	73	72
Kingston	279	92	90	87	76	74	73
Lockport	520	87	85	82	75	74	72
Massena	202	86	84	81	75	74	72
Newburgh-Stewart AFB	460	92	89	86	78	76	74
NYC-Central Park	132	94	91	88	77	76	75

Prices in this book are subject to change. For updated pricing, please call us at (877)-243-3945 or visit us online at www.coolingtowerdepot.com

COOLING TOWER DEPOT
The Depot of All Cooling Towers
www.coolingtowerdepot.com

Copyright © 2007 Visit our web site at www.coolingtowerdepot.com for our full Terms and Conditions

Wet/Dry Bulb Reference Chart

	Elevation	Design Dry Bulb			Design Wet Bulb		
	Ft	1%	2%	5%	1%	2%	5%
NEW YORK (continued)							
NYC-Kennedy	16	91	87	84	77	76	75
NYC-LaGuardia	19	93	90	87	77	76	75
Niagara Falls	596	88	86	83	75	74	73
Olean	1420	87	85	82	74	72	71
Oneonta	1150	89	87	84	74	72	71
Oswego	300	86	84	81	75	74	72
Plattsburg AFB	165	86	84	81	74	73	71
Poughkeepsie	103	93	90	87	77	75	74
Rochester	543	91	88	85	75	74	72
Rome-Griffiss AFB	515	90	87	84	76	74	73
Sschenectady	217	90	88	85	75	73	72
Suffolkunty AFB	57	87	84	81	76	75	74
Syracuse	424	90	87	85	76	74	73
Utica	714	89	87	84	75	73	72
Watertown	497	86	84	81	75	74	72
NORTH CAROLINA							
Asheville	2170	91	88	86	75	74	73
Charlotte	735	96	94	92	78	77	76
Durham	406	94	92	89	78	77	76
Elizabeth City	10	93	91	89	80	79	78
Fayetteville, Pope AFB	95	97	94	92	80	79	78
Goldsboro, Seymour-Johnson AFB	88	95	92	90	80	79	78
Greensboro	897	94	91	89	77	76	75
Greenville	25	95	93	90	81	80	79
Henderson	510	94	92	89	79	78	77
Hickory	1165	93	91	88	77	76	75
Jacksonville	24	94	92	89	81	80	79
Lumberton	132	95	93	90	81	80	79
New Bern	17	94	92	89	81	80	79
Raleigh/Durham	433	95	92	90	79	78	77
Rocky Mount	81	95	93	90	80	79	78
Wilmington	30	93	91	89	82	81	80
Winston-Salem	967	94	91	89	77	76	75
NORTH DAKOTA							
Bismarck	1647	95	91	88	74	72	70
Devil's Lake	1471	93	89	86	73	71	69
Dickinson	2595	96	93	90	72	70	68
Fargo	900	92	88	85	76	74	72
Grand Forks	832	91	87	84	74	72	70
Jamestown	1492	95	91	88	75	73	71
Minot	1713	91	88	84	72	70	68
Williston	1877	94	90	87	71	69	67
OHIO							
Akron/Canton	1210	89	87	84	75	73	72
Ashtabula	690	89	87	84	76	75	74
Athens	700	93	91	88	77	76	75



Copyright © 2007 Visit our web site at www.coolingtowerdepot.com for our full Terms and Conditions

Wet/Dry Bulb Reference Chart

	Elevation	Design Dry Bulb			Design Wet Bulb		
	Ft	1%	2%	5%	1%	2%	5%
OHIO (continued)							
Bowling Green	675	93	91	88	77	75	74
Cambridge	800	91	89	86	77	76	75
Chillicothe	638	93	91	88	77	76	75
Cincinnati	761	94	92	90	78	77	76
Cleveland	777	91	89	86	76	75	74
Columbus	812	92	88	86	77	76	75
Dayton	997	92	90	87	77	75	74
Defiance	700	93	91	88	77	76	74
Findlay	797	92	90	88	77	76	75
Fremont	600	92	90	87	76	75	74
Hamilton	650	94	92	90	78	77	76
Lancaster	920	93	91	88	77	76	75
Lima	860	93	91	88	77	76	75
Mansfield	1297	91	89	86	76	75	74
Marion	920	93	91	88	77	76	75
Middletown	635	93	91	88	77	76	75
Newark	825	92	90	87	77	76	75
Norwalk	720	92	90	87	76	75	74
Portsmouth	530	94	92	89	77	76	75
Sandusky	606	92	90	87	76	75	74
Springfield	1020	93	90	88	77	76	75
Steubenville	992	91	89	86	76	75	74
Toledo	676	92	90	87	77	75	74
Warren	900	90	88	85	75	74	73
Wooster	1030	90	88	85	76	75	74
Youngstown	1178	89	86	84	75	74	73
Zanesville	881	92	89	87	77	76	75
OKLAHOMA							
Ada	1015	102	100	98	79	78	77
Altus AFB	1390	103	101	99	77	76	75
Ardmore	880	103	101	99	79	78	77
Bartlesville	715	101	99	97	79	78	77
Chickasha	1085	103	101	99	77	76	75
Enid-Vance AFB	1287	103	100	98	78	77	76
Lawton	1108	103	101	98	78	77	76
McAlester	760	102	100	98	79	78	77
Muskogee	610	102	99	96	79	78	77
Norman	1109	101	99	97	78	77	76
Oklahoma City	1280	100	97	95	78	77	76
Ponca City	996	102	100	97	78	77	76
Seminole	865	102	100	98	78	77	76
Stillwater	884	101	99	97	78	77	76
Tulsa	650	102	99	96	79	78	77
Woodward	1900	103	101	98	76	74	73
OREGON							
Albany	224	91	88	84	69	67	65
Astoria	8	79	76	72	61	60	59

Prices in this book are subject to change. For updated pricing, please call us at (877)-243-3945 or visit us online at www.coolingtowerdepot.com

COOLING TOWER DEPOT
The Depot of All Cooling Towers
www.coolingtowerdepot.com

Copyright © 2007 Visit our web site at www.coolingtowerdepot.com for our full Terms and Conditions

Wet/Dry Bulb Reference Chart

	Elevation	Design Dry Bulb			Design Wet Bulb		
	Ft	1%	2%	5%	1%	2%	5%
OREGON (continued)							
Baker	3368	94	92	89	66	65	63
Bend	3599	89	87	84	64	62	61
Corvallis	221	91	88	84	69	67	65
Eugene	364	91	88	84	69	67	65
Grants Pass	925	94	92	89	68	66	65
Klamath Falls	4091	89	87	84	63	62	61
MedfordAP	1298	98	94	91	70	68	66
Pendleton	1492	97	94	91	66	65	63
Portland	21	89	85	81	69	67	66
Portland	57	91	88	84	69	68	67
Roseburg	505	93	91	88	69	67	65
Salem	195	92	88	84	69	67	66
The Dalles	102	93	91	88	70	68	67
PENNSYLVANIA							
Allentown	376	92	90	87	77	75	74
Altoona	1468	89	87	84	74	73	72
Butler	1100	91	89	86	75	74	73
Chambersburg	640	94	92	89	76	75	74
Erie A P	732	88	85	82	76	74	73
Harrisburg	335	92	89	86	76	75	74
Johnstown	1214	91	87	85	74	73	72
Lancaster	255	92	90	87	77	76	75
Meadville	1065	88	86	83	75	73	72
New Castle	825	91	89	86	75	74	73
Philadelphia	7	93	90	87	78	77	76
Pittsburgh	1137	90	87	85	75	74	73
Pittsburgh	749	90	88	85	75	74	73
Reading	226	92	90	87	77	76	75
Scranton/Wilkes-Barre	940	89	87	84	75	74	73
Statellege	1175	89	87	84	74	73	72
Sunbury	480	91	89	86	76	75	74
Union town	1040	90	88	85	75	74	73
Warren	1280	89	87	84	75	73	72
West Chester	440	92	90	87	77	76	75
Williamsport	527	91	89	86	76	75	74
York	390	93	91	88	77	76	75
RHODE ISLAND							
Newport	20	86	84	81	75	74	73
Providence	55	89	86	83	76	75	74
SOUTH CAROLINA							
Anderson	764	96	94	91	77	76	75
Charleston AFB	41	94	92	90	81	80	79
Charleston	9	95	93	90	81	80	79
Columbia	217	98	96	94	79	79	78
Florence	146	96	94	92	80	79	78
Georgetown	14	93	91	88	81	80	79

COOLING TOWER DEPOT
The Depot of All Cooling Towers
www.coolingtowerdepot.com
Free! the industries only Online Cooling Tower Design Program With Pricing. Beat That.

Copyright © 2007 Visit our web site at www.coolingtowerdepot.com for our full Terms and Conditions

Wet/Dry Bulb Reference Chart

	Elevation	Design Dry Bulb			Design Wet Bulb		
	Ft	1%	2%	5%	1%	2%	5%
SOUTH CAROLINA (continued)							
Greenville	957	95	93	91	77	76	75
Greenwood	671	97	95	92	78	77	76
Orangeburg	244	97	95	92	80	79	78
Rock Hill	470	97	95	92	78	77	76
Spartanburg	816	95	93	9'0	77	76	75
Sumter-Shaw AFB	291	96	94	92	80	79	78
SOUTH DAKOTA							
Aberdeen	1296	95	92	89	77	75	74
Brookings	1642	93	90	87	77	75	74
Huron	1282	97	93	90	77	75	74
Mitchell	1346	96	94	91	77	76	74
Pierre	1718	98	96	93	76	74	73
Rapid City	3165	96	94	91	72	71	69
SiouxFalls	1420	95	92	89	77	75	74
Watertown	1746	93	90	87	76	74	73
Yankton	1280	96	94	91	78	76	75
TENNESSEE							
Athens	940	96	94	91	77	76	75
Bristol-Tri City	1519	92	90	88	76	75	74
Chattanooga	670	97	94	92	78	78	77
Clarksville	470	98	96	94	79	78	77
Columbia	690	97	95	93	79	78	77
Dryersburg	334	98	96	94	80	79	78
Greenville	1320	93	91	88	76	75	74
Jackson	413	97	95	94	80	79	78
Knoxville	980	95	92	90	77	76	75
Memphis	263	98	96	94	80	79	78
Murfreesboro	608	97	94	92	79	78	77
Nashville	577	97	95	92	79	78	77
Tullahoma	1075	96	94	92	79	78	77
TEXAS							
Abeilene	1759	101	99	97	76	75	74
Alice	180	101	99	97	81	80	79
Amarillo	3607	98	96	93	72	71	70
Austin	597	101	98	96	79	78	77
Bay City	52	95	93	91	81	80	79
Beaumont	18	96	94	93	81	80	79
Beeville	225	99	97	96	81	80	79
Big Spring	2537	100	98	96	75	73	72
Brownsville	16	94	92	91	80	80	79
Brownwood	1435	102	100	98	76	75	74
Bryan	275	100	98	96	79	78	78
Corpus Christi	43	95	93	91	81	80	80
Corsicana	425	102	100	98	79	78	77
Dallas	481	101	99	97	79	78	78
Del Rio, Laughlin AFB	1072	101	99	98	79	77	76

Prices in this book are subject to change. For updated pricing, please call us at (877)-243-3945 or visit us online at www.coolingtowerdepot.com

COOLING TOWER DEPOT
The Depot of All Cooling Towers
www.coolingtowerdepot.com

Copyright © 2007 Visit our web site at www.coolingtowerdepot.com for our full Terms and Conditions

Wet/Dry Bulb Reference Chart

	Elevation	Design Dry Bulb			Design Wet Bulb		
	Ft	1%	2%	5%	1%	2%	5%
TEXAS (continued)							
Denton	655	102	100	98	79	78	77
Eagle Pass	743	106	104	102	80	79	78
El Paso	3918	100	98	96	70	69	68
Fort Worth	544	102	100	98	79	78	77
Galveston	5	91	89	88	82	81	81
Greenville	575	101	99	97	79	78	78
Harlingen	37	96	95	94	80	80	79
Houston	50	96	94	92	80	80	79
Houston	158	96	94	92	80	80	79
Huntsville	494	99	97	96	80	79	78
Killeen-Gray AFB	1021	100	99	97	78	77	76
Lamesa	2965	100	98	96	74	73	72
Laredo AFB	503	103	101	100	79	78	78
Longview	345	100	98	96	81	80	79
Lubbock	3243	99	97	94	73	72	71
Lufkin	286	98	96	95	81	80	79
McAllen	122	102	100	98	80	79	78
Midland	2815	‘100	98	96	74	73	72
Mineral Wells	934	102	100	98	78	77	76
Palestine	580	99	97	96	80	79	78
Pampa	3230	100	98	95	73	72	71
Pecos	2580	102	100	97	72	71	70
Plainview	3400	100	98	95	73	72	71
Port Arthur	16	94	92	91	81	80	80
San Angelo, Goodfellow AFB	1878	101	99	97	76	75	74
San Antonio	792	99	97	96	77	77	76
Sherman-Perrun AFB	763	101	99	97	79	78	77
Snyder	2325	102	100	97	75	74	73
Temple	675	101	99	97	79	78	77
Tyler	527	99	97	96	80	79	78
Vernon	1225	103	101	99	77	76	75
Victoria	104	98	96	95	80	79	79
Waco	500	101	99	98	79	78	78
Wichita Falls	994	103	100	98	77	76	75
UTAH							
Cedar City	5613	94	91	89	65	64	62
Logan	4775	93	91	89	66	65	63
Moab	3965	100	98	95	66	65	64
OgdenCO	4400	94	92	89	66	65	64
Price	5580	93	91	88	65	64	63
Provo	4470	96	93	91	67	66	65
Richfield	5300	94	92	89	66	65	64
St George	2899	104	102	99	71	70	69
Salt Lake City	4220	97	94	92	67	66	65
Vernal A P	5280	90	88	84	64	63	62

COOLING TOWER DEPOT
The Depot of All Cooling Towers
www.coolingtowerdepot.com
Free! the industries only Online Cooling Tower Design Program With Pricing. Beat That. Free!

Copyright © 2007 Visit our web site at www.coolingtowerdepot.com for our full Terms and Conditions

Wet/Dry Bulb Reference Chart

	Elevation	Design Dry Bulb			Design Wet Bulb		
	Ft	1%	2%	5%	1%	2%	5%
VERMONT							
Barre	1120	86	84	81	73	72	70
Burlington	331	88	85	83	74	73	71
Rutland	620	87	85	82	74	73	71
VIRGINIA							
Charlottsville	870	93	90	88	79	77	76
Danville	590	95	92	90	78	77	76
Fredericksburg	50	94	92	89	79	78	76
Harrisonburg	1340	92	90	87	78	77	76
Lynchburg	947	94	92	89	77	76	75
Norfolk	26	94	91	89	79	78	78
Petersburg	194	96	94	91	80	79	78
Richmond	162	96	93	91	79	78	77
Roanoke	1174	94	91	89	76	75	74
Staunton	1480	92	90	87	78	77	75
Winchester	750	94	92	89	78	76	75
WASHINGTON							
Aberdeen	12	83	80	77	62	61	60
Bellingham	150	76	74	71	67	65	63
Bremerton	162	85	81	77	68	66	65
Ellensburg	1729	91	89	86	67	65	63
Everett-Paine AFB	598	82	78	74	67	65	63
Kennewick	392	98	96	93	69	68	66
Longview	12	88	86	83	68	66	65
Moses Lake, Larson AFB	1183	96	93	90	68	66	65
Olympia	190	85	83	80	67	65	63
Port Angeles	99	75	73	70	60	58	57
Seattle- Boeing Fid	14	82	80	77	67	65	64
Seattle	14	81	79	76	67	65	64
Seattle- Tacoma	386	85	81	77	66	64	63
Spokane	2357	93	90	87	66	64	63
Tacoma-McChord AFB	350	85	81	78	68	66	64
Walla Walla	1185	98	96	93	69	68	66
Wenatchee	634	95	92	89	68	66	64
Yakima	1061	94	92	89	69	67	65
WEST VIRGINIA							
Beckley	2330	91	88	86	74	73	72
Bluefield	2850	88	86	83	74	73	72
Charleston	939	92	90	88	76	75	74
Clarksburg	977	92	90	87	76	75	74
ElkinsAP	1970	87	84	82	74	73	72
Huntington	565	95	93	91	77	76	75
Martinsburg	537	96	94	91	78	77	76
Morgantown	1245	90	88	85	76	74	73
Parkersburg	615	93	91	88	77	76	75
Wheeling	659	91	89	86	76	75	74

Prices in this book are subject to change. For updated pricing, please call us at (877)-243-3945 or visit us online at www.coolingtowerdepot.com

COOLING TOWER DEPOT
The Depot of All Cooling Towers
www.coolingtowerdepot.com

Copyright © 2007 Visit our web site at www.coolingtowerdepot.com for our full Terms and Conditions

Wet/Dry Bulb Reference Chart

	Elevation	Design Dry Bulb			Design Wet Bulb		
	Ft	1%	2%	5%	1%	2%	5%
WISCONSIN							
Appleton	742	89	87	84	75	74	72
Ashland	650	85	83	80	73	71	69
Beloit	780	92	90	87	77	76	75
Eau Claire	888	90	88	85	76	74	72
Fond du Lac	760	89	87	84	76	74	73
Green Bav	683	88	85	82	75	73	72
La Crosse	652	90	88	85	78	76	75
Madison	858	92	88	85	77	75	73
Manitowoc	660	88	86	83	75	74	72
Marinette	605	88	86	83	74	72	70
Milwaukee	672	90	87	84	77	75	73
Racine	640	90	88	85	77	75	73
Sheboygan	648	89	87	84	76	74	72
Stevens Point	1079	89	87	84	75	73	71
Waukesha	860	91	89	86	77	75	74
Wausau	1196	89	86	83	74	72	70
WYOMING							
Casper	5319	92	90	87	63	62	60
Cheyenne	6126	89	86	83	63	62	61
Cody A P	5090	90	87	84	61	60	59
Evanston	6860	84	82	79	58	57	56
Lander	5563	92	90	87	63	62	60
Laramie	7266	82	80	77	61	59	58
Newcastle	4480	92	89	86	68	67	66
Rawlings	6736	86	84	81	62	61	60
Rock Springs	6741	86	84	82	58	57	56
Sheridan	3942	95	92	89	67	65	64
Torrington	4098	94	92	89	68	67	66
CANADA							
ALBERTA							
Calgary	3540	87	85	82	66	64	63
Edmonton	2219	86	83	80	69	67	65
Grand Prarie	2190	84	81	78	66	64	63
Jasper	3480	87	84	81	66	64	63
Lethbridge	3018	91	85	85	68	66	64
McMurray	1216	87	84	81	69	67	65
Medicine Hat	2365	96	93	90	72	69	67
Red Deer	2965	88	86	83	67	65	64
BRITISH COLUMBIA							
Dauson Creek	2200	84	81	78	66	64	63
Fort Nelson	1230	87	84	81	66	64	63
Kamloops	1150	97	94	91	71	69	68
Nanimo	100	81	78	75	66	64	62
New Westminster	50	86	84	82	68	66	65

COOLING TOWER DEPOT
The Depot of All Cooling Towers
www.coolingtowerdepot.com
Free! the industries only Online Cooling Tower Design Program With Pricing. Beat That. Free!

Copyright © 2007 Visit our web site at www.coolingtowerdepot.com for our full Terms and Conditions

Wet/Dry Bulb Reference Chart

	Elevation	Design Dry Bulb			Design Wet Bulb		
	Ft	1%	2%	5%	1%	2%	5%
BRITISH COLUMBIA	**(continued)**						
Penticton	1121	94	91	88	71	69	68
Prince George	2218	85	82	79	68	65	63
Prince Rupert	170	73	71	69	62	60	59
T r a i l	1400	94	91	88	70	68	67
Vancouver	16	80	78	76	68	66	65
Victoria C O	228	80	76	72	64	62	60
MANITOBA							
Brandon	1200	90	87	84	75	73	71
Churchill A P	115	79	75	72	68	66	63
Dauphin	999	89	86	83	74	72	70
Flin Flon	1098	85	81	78	71	69	67
Portage la Prairie	867	90	87	84	75	74	72
The Pas A P	894	85	81	78	73	71	69
Winnipeg	786	90	87	84	75	74	72
NEW BRUNSWICK							
Campbellton	25	87	84	81	74	71	69
Chatham A P	112	90	87	84	74	71	69
Edmundston	500	84	81	78	75	72	70
Fredericton	74	89	86	83	73	70	68
Moncton	248	88	85	82	74	71	69
Saint John	352	81	79	77	71	68	66
NEWFOUNDLAND							
Corner Brook	40	84	81	79	69	68	66
Gander	482	85	82	79	69	68	66
Goose Bay	144	86	81	77	69	67	65
St John's A P	463	79	77	75	69	68	66
Stephenville	44	79	76	74	69	68	66
NORTHWEST TERRITORIES							
Fort Smith	665	85	83	80	67	65	64
Frobisher Bay	68	63	59	56			
Inuvik	75	80	77	75	63	61	60
Resolute	209	54	51	49			
Yellowknife	682	78	76	74	65	63	62
NOVA SCOTIA							
Amherst	63	85	82	79	72	70	68
Halifax	136	83	80	77	69	68	67
KentvilleCO	50	86	83	80	72	70	69
New Glasgow	317	84	81	79	72	70	68
Sydney	197	84	82	80	72	70	68
TruroCO	77	84	81	79	72	70	69
Yarmouth	136	76	73	71	69	68	67
ONTARIO							
Belleville	250	89	86	84	77	75	73
Chatham	600	92	90	88	77	75	74
Cornwall	210	89	86	84	77	75	74
Fort William	644	86	83	80	72	70	68

Prices in this book are subject to change. For updated pricing, please call us at (877)-243-3945 or visit us online at www.coolingtowerdepot.com

COOLING TOWER DEPOT™ The Depot of All Cooling Towers www.coolingtowerdepot.com

Copyright © 2007 Visit our web site at www.coolingtowerdepot.com for our full Terms and Conditions

Wet/Dry Bulb Reference Chart

	Elevation	Design Dry Bulb			Design Wet Bulb		
	Ft	1%	2%	5%	1%	2%	5%
ONTARIO (continued)							
Hamilton	303	91	88	86	77	75	73
Kapuskasing	752	87	84	81	73	71	69
Kenora	1345	86	83	80	75	73	71
Kingston	300	85	82	80	77	75	73
Kitchener	1125	88	85	83	76	75	74
London	912	90	88	86	76	75	74
North Bay	1210	87	84	82	71	70	69
Oshawa	370	90	87	85	77	75	73
Ottawa	339	90	87	84	75	74	73
Owen Sound	597	87	84	82	74	72	71
Peterborough	648	90	87	85	76	74	73
St Catharines	325	91	88	86	77	75	73
Sarnia	625	92	90	88	76	74	73
Sault Ste Marie	675	88	85	83	72	70	68
Sudbury	850	89	86	84	72	70	69
Timmins	1100	90	87	84	73	71	69
Toronto	578	90	87	85	77	75	73
Windsor	637	92	90	88	77	75	74
PRINCE EDWARD ISLAND							
Charlottetown	186	84	81	79	72	70	68
Summerside	78	84	81	79	72	70	68
QUEBEC							
Bagotville	536	88	84	81	72	71	69
Chincoutimi	150	87	83	80	72	71	69
Drummondville	270	88	85	82	76	74	72
Granby	550	87	84	82	76	74	72
Hull	200	90	87	84	75	74	73
Mégantic	1362	84	81	78	75	73	71
Montréal	98	88	86	84	76	74	73
Québec	245	86	82	79	75	73	71
Rimouski	117	78	74	71	71	69	68
St Jean	129	87	85	83	76	74	73
St Jérôme	310	87	84	82	76	74	73
Sept Îles	190	80	78	75	66	64	63
Shawingan	306	88	85	83	76	74	72
Sherbrooke	595	87	84	81	75	73	71
Thetford Mines	1020	86	83	80	75	73	71
Trois Rivieres	200	88	85	82	76	74	72
Val d'Or	1108	88	85	82	72	71	69
Valleyfield	150	87	85	83	76	74	73
SASKATCHEWAN							
Estevan	1884	93	89	86	75	73	71
Moose Jaw	1857	93	89	86	73	71	69
North Battleford	1796	90	86	83	71	69	67
Prince Albert	1414	88	84	81	72	70	68
Regina	1884	92	88	85	73	71	69

COOLING TOWER DEPOT
The Depot of All Cooling Towers
www.coolingtowerdepot.com
Free! the industries only Online Cooling Tower Design Program With Pricing. Beat That. Free!

Copyright © 2007 Visit our web site at www.coolingtowerdepot.com for our full Terms and Conditions

Wet/Dry Bulb Reference Chart

	Elevation	Design Dry Bulb			Design Wet Bulb		
	Ft	1%	2%	5%	1%	2%	5%
SASKATCHEWAN (continued)							
Saskatoon	1645	90	86	83	71	69	67
Swift Current	2677	93	89	86	72	70	68
Yorkton	1653	89	85	82	74	72	70
YUKON TERRITORY							
Whitehorse	2289	78	75	72	62	60	59
OTHER COUNTRIES							
ADEN							
Aden	10	102	100	98	83	82	82
AFGHANISTAN							
Kabul	5955	98	96	93	66	65	64
ALGERIA							
Algiers	194	95	92	89	77	76	75
ARGENTINA							
Buenoes Aires	89	91	89	86	77	76	75
Córdoba	1388	100	96	93	76	75	74
Tucuman	1401	102	99	96	76	75	74
AUSTRALIA							
Adelaide	140	98	94	91	72	70	68
Alice Springs	1795	104	102	100	75	74	72
Brisbane	137	91	88	86	77	76	75
Darwin	88	94	93	91	82	81	81
Melbourne	114	95	91	86	71	69	68
Perth	210	100	96	93	76	74	73
Sydney	138	89	84	80	74	73	72
AUSTRIA							
Vienna	644	88	86	83	71	69	67
AZORES							
Lajes (Terceira)	170	80	78	77	73	72	71
BAHAMAS							
Nassau	11	90	89	88	80	80	79
BELGIUM							
Brussels	328	83	79	77	70	68	67
BERMUDA							
Kindley AFB	129	87	86	85	79	78	78
BOLIVIA							
La Paz	12001	71	69	68	58	57	56
BRAZIL							
Belem	42	90	89	87	80	79	78
Belo Horizonte	3002	86	84	83	76	75	75
Brasilia	3442	89	88	86	76	75	75
Curitiba	3114	86	84	82	75	74	74
Fortaleza	89	91	90	89	79	78	78
Porto Alegre	33	95	92	89	76	76	75
Recife	97	88	87	86	78	77	77
Rio de Janeiro	201	94	92	90	80	79	78
Salvador	154	88	87	86	79	79	78
Sao Paulo	2608	86	84	82	75	74	74

Prices in this book are subject to change. For updated pricing, please call us at (877)-243-3945 or visit us online at www.coolingtowerdepot.com

COOLING TOWER DEPOT
The Depot of All Cooling Towers
www.coolingtowerdepot.com

Copyright © 2007 Visit our web site at www.coolingtowerdepot.com for our full Terms and Conditions

Wet/Dry Bulb Reference Chart

	Elevation	Design Dry Bulb			Design Wet Bulb		
	Ft	1%	2%	5%	1%	2%	5%
BRITISH HONDURAS							
Belize	17	90	90	89	82	82	81
BULGARIA							
Sofia	1805	89	86	84	71	70	69
BURMA							
Mandalay	252	104	102	101	81	80	80
Rangoon	18	100	98	95	83	82	82
CAMBODIA							
Phnom Penh	36	98	96	94	83	82	82
CEYLON							
Colombo	24	90	89	88	81	80	80
CHILE							
Punta Arenas	26	68	66	64	56	55	54
Santiago	1706	90	89	88	71	70	69
Valparaiso	135	81	79	77	67	66	65
CHINA							
Chungking	755	99	97	95	81	80	79
Shanghai	23	94	92	90	81	81	80
COLOMBIA							
Baranquilla	44	95	94	93	83	82	82
Bogota	8406	72	70	69	60	59	58
Cali	3189	84	82	79	70	69	68
Medellin	4650	87	85	84	73	72	72
CONGO							
Brazzaville	1043	93	92	91	81	81	80
Kinasha	1066	92	91	90	81	80	80
Stanleyville	1370	92	91	90	81	80	80
CUBA							
Guantanamo Bay	21	94	93	92	82	81	80
Havana	80	92	91	89	81	81	80
CZECHOSLOVAKIA							
Prague	662	88	85	83	66	65	64
DENMARK							
Copenhagen	43	79	76	74	68	66	64
DOMINICAN REPUBLIC							
Santo Domingo	57	92	90	88	81	80	80
ECUADOR							
Quayaquil	20	92	91	89	80	80	79
Quinto	9446	73	72	71	63	62	62
EL SALVADOR							
San Salvador	2238	98	96	95	77	76	75
ETHIOPIA							
Addis Ababa	7753	84	82	81	66	65	64
Asmara	7628	83	81	80	65	64	63
FINLAND							
Helsinki	30	77	74	72	66	65	63

COOLING TOWER DEPOT
The Depot of All Cooling Towers
www.coolingtowerdepot.com
Free! the industries only Online Cooling Tower Design Program With Pricing. Beat That. Free!

Copyright © 2007 Visit our web site at www.coolingtowerdepot.com for our full Terms and Conditions

Wet/Dry Bulb Reference Chart

	Elevation	Design Dry Bulb			Design Wet Bulb		
	Ft	1%	2%	5%	1%	2%	5%
FRANCE							
Lyon	938	91	89	86	71	70	69
Marseilles	246	90	87	84	72	71	69
Nantes	121	86	83	80	70	69	67
Nice	39	87	85	83	73	72	72
Paris	164	89	86	83	70	68	67
Strasbourg	465	86	83	80	70	69	67
FRENCH GUIANA							
Cayenne	20	92	91	90	83	83	82
GERMANY							
Berlin	187	84	81	78	68	67	66
Hamburg	66	80	76	73	68	66	65
Hannover	561	82	78	75	68	67	65
Mannheim	359	87	85	82	71	69	68
Munich	1729	86	83	80	68	66	64
GHANA							
Accra	88	91	90	89	80	79	79
GIBRALTAR							
Gibraltar	11	92	89	86	76	75	74
GREECE							
Athens	351	96	93	91	72	71	71
Thessaloniki	78	95	93	91	77	76	75
GREENLAND							
Nassarssuaq	85	66	63	61	56	54	52
GUATEMALA							
Guatemala City	4855	83	82	81	69	68	67
GUYANA							
Georgetown	6	89	88	87	80	79	79
HAITI							
Port au Prince	121	97	95	93	82	81	80
HONDURAS							
Tegucigalpa	3094	89	87	85	73	72	71
HONG KONG							
Hong Kong	109	92	91	90	81	80	80
HUNGARY							
Budapest	394	90	86	84	72	71	70
ICELAND							
Reykjavik	59	59	58	56	54	53	53
INDIA							
Ahmenabad	163	109	107	105	80	79	78
Bangalore	3021	96	94	93	75	74	74
Bombay	37	96	94	92	82	81	81
Calcutta	21	98	97	96	83	82	82
Madras	51	104	102	101	84	83	83
Nagpur	1017	110	108	107	79	79	78
New Delhi	703	110	107	105	83	82	82

Prices in this book are subject to change. For updated pricing, please call us at (877)-243-3945 or visit us online at www.coolingtowerdepot.com

COOLING TOWER DEPOT
The Depot of All Cooling Towers
www.coolingtowerdepot.com

Copyright © 2007 Visit our web site at www.coolingtowerdepot.com for our full Terms and Conditions

Wet/Dry Bulb Reference Chart

	Elevation	Design Dry Bulb			Design Wet Bulb		
	Ft	1%	2%	5%	1%	2%	5%
INDONESIA							
Djakarta	26	90	89	88	80	79	78
Kupang	148	94	93	92	81	80	80
Makassar	61	90	89	88	80	80	79
Medan	77	92	91	90	81	80	79
Palembang	20	92	91	90	80	79	79
Surabaya	10	91	90	89	80	79	79
IRAN							
Abadan	7	116	113	110	82	81	81
Meshed	3104	99	96	93	68	67	66
Tehran	4002	102	100	98	75	74	73
IRAQ							
Baghdad	111	113	111	108	73	72	72
Mosul	730	114	112	110	73	72	72
IRELAND							
Dublin	155	74	72	70	65	64	62
Shannon	8	76	73	71	65	64	63
ISRAEL							
Jerusalem	2485	95	94	92	70	69	69
Tel Aviv	36	96	93	91	74	73	72
ITALY							
Milan	341	89	87	84	76	75	74
Napels	220	91	88	86	74	73	72
Rome	377	94	92	89	74	73	72
IVORY COAST							
Abidjan	65	91	90	88	83	82	81
JAPAN							
Fukuoka	22	92	90	89	82	80	79
Sapporo	56	86	83	80	76	74	72
Tokyo	19	91	89	87	81	80	79
JORDAN							
Amman	2548	97	94	92	70	69	68
KENYA							
Nairobi	5971	81	80	78	66	65	65
KOREA							
Pyongyang	186	89	87	85	77	76	76
Seoul	285	91	89	87	81	79	78
LEBANON							
Beirut	111	93	91	90	78	77	76
LIBERIA							
Monrovia	75	90	89	88	82	82	81
LIBYA							
Bengasi	82	97	94	91	77	76	75
MADAGASCAR							
Tananarive	4531	86	84	83	73	72	71

COOLING TOWER DEPOT
The Depot of All Cooling Towers
www.coolingtowerdepot.com
Free! the industries only Online Cooling Tower Design Program With Pricing. Beat That. Free!

Copyright © 2007 Visit our web site at www.coolingtowerdepot.com for our full Terms and Conditions

Wet/Dry Bulb Reference Chart

	Elevation	Design Dry Bulb			Design Wet Bulb		
	Ft	1%	2%	5%	1%	2%	5%
MALAYSIA							
Kuala Lumpur	127	94	93	92	82	82	81
Penang	17	93	93	92	82	81	80
Singapore	33	92	91	90	82	81	80
MARTINIQUE							
Fort de France	13	90	89	88	81	81	80
MEXICO							
Guadalajara	5105	93	91	89	68	67	66
Merida	72	97	95	94	80	79	77
Mexico City	7575	83	81	79	61	60	59
Monterrey	1732	98	95	93	79	78	77
Vera Cruz	184	91	89	88	83	83	82
MOROCCO							
Casablanca	164	94	90	86	73	72	70
NEPAL							
Katmandu	4388	89	87	86	78	77	76
NETHERLANDS							
Amsterdam	5	79	76	73	65	64	63
NEW GUINEA							
Manokwari	62	89	88	87	82	81	81
Point Moresby	126	92	91	90	80	80	79
NEW ZEALAND							
Auckland	140	78	77	76	67	66	65
Christ Church	32	82	79	76	68	67	66
Wellington	394	76	74	72	66	65	64
NICARAGUA							
Managua	135	94	93	92	81	80	79
NIGERIA							
Lagos	10	92	91	90	82	82	81
NORWAY							
Bergen	141	75	74	73	67	66	65
Oslo	308	79	77	74	67	66	64
PAKISTAN							
Chittagong	87	93	91	89	82	81	81
Karachi	13	100	98	95	82	82	81
Labore	702	109	107	105	83	82	81
Peshwar	1164	109	106	103	81	80	79
PANAMA AND CANAL ZONE							
Panama City	21	93	92	91	81	81	80
PARAQUAY							
Asuneion	456	100	98	96	81	81	80
PERU							
Lima	394	86	85	84	76	75	74
PHILLIPPINES							
Manila	47	94	92	91	82	81	81
PORTUGAL							
Lisbon	313	89	86	83	69	68	67

Prices in this book are subject to change. For updated pricing, please call us at (877)-243-3945 or visit us online at www.coolingtowerdepot.com

COOLING TOWER DEPOT
The Depot of All Cooling Towers
www.coolingtowerdepot.com

Copyright © 2007 Visit our web site at www.coolingtowerdepot.com for our full Terms and Conditions

Wet/Dry Bulb Reference Chart

	Elevation	Design Dry Bulb			Design Wet Bulb		
	Ft	1%	2%	5%	1%	2%	5%
POLAND							
Krakow	723	84	81	78	68	67	66
Warsaw	394	84	81	78	71	70	68
PORTUGAL							
Lisbon	313	89	86	83	69	68	67
PUERTO RICO							
San Juan	82	89	88	87	81	80	7
SUMANIA							
Bucharest	269	93	91	89	72	71	70
SAUDI ARABIA							
Dhahran	80	111	110	108	86	85	84
Jedda	20	106	103	100	85	84	83
Riyadh	1938	110	108	106	78	77	76
SENEGAL							
Dakar	131	95	93	91	81	80	80
SOMALIA							
Mogadiscio	39	91	90	89	82	82	81
SOUTH AFRICA							
Capetown	55	93	90	86	72	71	70
Johannesburg	5463	85	83	81	70	69	69
Pretoria	4491	85	87	85	70	69	68
SOVIET UNION							
Alma Ata	2543	88	86	83	69	68	67
Archangel	22	75	71	68	60	58	57
Kalinigrad	23	83	80	77	67	66	65
Krasnoyarsk	498	84	80	76	64	62	60
Kiev	600	87	84	81	69	68	67
Kharkov	472	87	84	82	69	68	67
Kuibyshev	190	89	85	81	69	67	66
Leningrad	16	78	75	72	65	64	63
Minsk	738	80	77	74	67	66	65
Moscow	505	84	81	78	69	67	65
Odessa	214	87	84	82	70	69	68
Petropavlovsk	286	70	68	65	58	57	56
Rostov on Don	159	90	87	84	70	69	68
Sverdlovsk	894	80	76	72	63	62	60
Tashkent	1569	95	93	90	71	70	69
Tblisi	1325	87	85	83	68	67	66
Vladivostok	94	80	77	74	70	69	68
Volgograd	136	93	89	86	71	70	69
SPAIN							
Barcelona	312	88	86	84	75	74	73
Madrid	2188	93	91	89	71	69	67
Valencia	79	92	90	88	75	74	73

COOLING TOWER DEPOT
The Depot of All Cooling Towers
www.coolingtowerdepot.com
Free! the industries only Online Cooling Tower Design Program With Pricing. Beat That. Free!

Copyright © 2007 Visit our web site at www.coolingtowerdepot.com for our full Terms and Conditions

Wet/Dry Bulb Reference Chart

	Elevation	Design Dry Bulb			Design Wet Bulb		
	Ft	1%	2%	5%	1%	2%	5%
SUDAN							
Khartoum	1279	109	107	104	77	76	75
SURINAM							
Paramaribo	12	93	92	90	82	82	81
SWEDEN							
Stockholm	146	78	74	72	64	62	60
SWITZERLAND							
Zurich	1617	84	81	78	68	67	66
SYRIA							
Damascus	2362	102	100	98	72	71	70
TAIWAN							
Tainan	70	92	91	90	84	83	82
Taipei	30	94	92	90	83	82	81
TANZANIA							
Dar es Salaam	47	90	89	88	82	81	81
THAILAND							
Bangkok	39	97	95	93	82	82	81
TRINIDAD							
Port of Spain	67	91	90	89	80	80	79
TUNISIA							
Tunis	217	102	99	96	77	76	74
TURKEY							
Adana	82	100	97	95	79	78	77
Ankara	2825	94	92	89	68	67	66
Istanbul	59	91	88	86	75	74	73
Izmir	16	98	96	94	75	74	73
UNITED ARAB REPUBLIC							
Cairo	381	102	100	98	76	75	74
UNITED KINGDOM							
Belfast	24	74	72	69	65	64	62
Birmingham	535	79	76	73	66	64	63
Cardiff	203	79	76	73	64	63	62
Edinburgh	441	73	70	68	64	62	61
Glasgow	85	74	71	68	64	63	61
London	149	82	79	76	68	66	65
URUGUAY							
Montevideo	72	90	88	85	73	72	71
VENEZUELA							
Carcas	3418	84	83	81	70	69	69
Maracaibo	20	97	96	95	84	83	83
VIET NAM							
Da Nang	23	97	95	93	86	86	85
Hanoi	53	99	97	95	85	85	84
Saigon	30	93	91	89	85	84	83
YUGOSLAVIA							
Belgrade	453	92	89	86	74	73	72

Prices in this book are subject to change. For updated pricing, please call us at (877)-243-3945 or visit us online at www.coolingtowerdepot.com

COOLING TOWER DEPOT
The Depot of All Cooling Towers
www.coolingtowerdepot.com

Copyright © 2007 Visit our web site at www.coolingtowerdepot.com for our full Terms and Conditions

Conversion Chart

Distance

Inches (in)	Feet (ft)	Miles (mi)	Centimeter (cm)	Meter (m)	Kilometer (km)
1	0.0833333	0.0000158	2.54	0.0254	0.0000254
12	1	0.0001894	30.48	0.3048	0.0003048
63360	5280	1	160934.4	1609.344	1.609344
0.3937008	0.0328084	0.0000062	1	0.01	0.00001
39.370079	3.2808399	0.0006214	100	1	0.001
39370.079	3280.8399	0.6213712	100000	1000	1

Area

	Square Inches (in2)	Square Feet (ft2)	Square Centimeters (cm2)	Square Meters (m2)	
	1	0.0069444	6.4516	0.0006452	
	144	1	929.0304	0.092903	
	0.1550003	0.0010764	1	0.0001	
	1550.0031	10.76391	10000	1	

Volume

Gallons (US) (gal)	Cubic Inches (in3)	Cubic Feet (ft3)	Liters (l)	Cubic Centimeters (cm3)	Cubic Meters (m3)
1	231	0.1336806	3.7854118	3785.4118	0.0037854
0.004329	1	0.0005787	0.0163871	16.387064	0.0000164
7.4805195	1728	1	28.316847	28316.847	0.0283165
0.2841721	61.023711	0.0353147	1	1000	0.001
0.0002642	0.0610237	0.0000353	0.001	1	0.000001
264.17205	61023.744	35.314667	1000	1000000	1

Velocity

Feet per Second (ft/sec)	Feet per Hour (ft/hr)	Miles per Hour (mi/hr)	Centimeters per Second (cm/sec)	Meters per Second (m/sec)	Kilometers per Hour (km/hr)
1	60	0.6818182	30.48	0.3048	1.09728
0.0166667	1	0.0113636	0.508	0.00508	0.018288
1.4666667	88	1	44.704	0.44704	1.609344
0.0328084	1.9685039	0.0223694	1	0.01	0.036
3.2808399	196.85039	2.2369383	100	1	3.6
0.9113444	54.880665	0.6213712	27.777778	0.2777778	1

Mass

	Ounce (Avoir) (oz)	Pound (Avoir) (lb)	Gram (g)	Kilogram (kg)	
	1	0.0759549	28.349523	0.0283495	
	16	1	453.59237	0.4535924	
	0.035274	0.0022046	1	0.001	
	35.273962	2.2048226	1000	1	

COOLING TOWER DEPOT
The Depot of All Cooling Towers
www.coolingtowerdepot.com



Copyright © 2007 Visit our web site at www.coolingtowerdepot.com for our full Terms and Conditions

Volumetric Flow

Cubic Feet per Second (ft3/sec)	Cubic Feet per Minute (ft3/min)	Gallons (US) per Minute (gal/min)	Liters per Second (l/sec)	Cubic Meters per Minute (m3/min)	Cubic Meters per Hour (m3/hr)
1	60	448.83117	28.316847	1.6990108	101.94065
0.0166667	1	7.4805195	0.4719474	0.0283168	1.699008
0.002228	0.1336806	1	0.0630902	0.0037854	0.227124
0.0353147	2.11888	15.850323	1	0.06	3.6
0.5885778	35.314667	264.17205	16.666667	1	60
0.0098096	0.5885778	4.4028675	0.2777778	0.0166667	1

Pressure

Pounds per Square Inch (lb/in2)	Pounds per Square Foot (lb/ft2)	Feet of Water (ft-H2O)	Kilograms per Square Centimeter (kg/cm2)	Pascals (Pa)	Meters of Water (m-H2O)
1	144	2.306723	0.070307	6894.7573	0.7030892
0.0069444	1	0.0160189	0.0004882	47.880259	0.0048826
0.4335154	62.42621	1	0.0304792	2988.983	0.3048
14.223343	2048.1614	32.80932	1	98066.5	10.000281
0.000145	0.0208854	0.0003346	0.0000102	1	0.000102
1.4222946	204.8104	3.2808399	0.0999974	9806.3747	1

Energy

British Thermal Units (Btu)	Kilowatt-Hours (kwhr)	Horsepower-Hours (hp-hr)	Foot-Pounds (ft-lb)	Kilo-Calories (kcal)	Kilogram-Meters (kg-m)
1	0.0002929	0.0003928	777.64885	0.2519958	107.51381
3414.4251	1	1.3410221	2655223.7	860.42065	367097.84
2546.1364	0.7456999	1	1980000	641.61557	273744.81
0.0012859	3.77 X 10e-7	5.0505051	1	0.000324	0.138255
3.9683207	0.0011622	0.0015586	3085.96	1	426.64926
0.0093011	0.0000027	0.0000037	7.2330139	0.0023438	1

Mass Flow

	Pounds per Minute (lb/min)	Pounds per Hour (lb/hr)	Kilograms per Minute (kg/min)	Kilograms per Hour (kg/hr)	
	1	60	0.4535924	27.215544	
	0.0166667	1	0.0075599	0.4535924	
	2.2046226	132.27736	1	60	
	0.0367437	2.2046226	0.0166667	1	

Temperature

		Temperature	Degrees of Range		
		Actual			
		F = (9/5 X C) + 32	F = 9/5 X C		
		C = 5/9 X (F - 32)	C = 5/9 X F		

Prices in this book are subject to change. For updated pricing, please call us at (877)-243-3945 or visit us online at www.coolingtowerdepot.com

COOLING TOWER DEPOT
The Depot of All Cooling Towers
www.coolingtowerdepot.com

Copyright © 2007 Visit our web site at www.coolingtowerdepot.com for our full Terms and Conditions

If you can't find or don't see the part you need, call me



Contact me direct for personalized service.

mcarrothers@ctdepotinc.com

(720)-746-1234

Mark Carrothers

Mark Carrothers

COOLING TOWER DEPOT
The Depot of All Cooling Towers
www.coolingtowerdepot.com

Free! the industries only Online Cooling Tower Design Program Free! With Pricing. Beat That.

Copyright © 2007 Visit our web site at www.coolingtowerdepot.com for our full Terms and Conditions

CTI Logo Items



Cap, Mug, Business Card Holder, Briefcase, CD Holder, Portfolio, Shirt

Cap

Product ID: C001
Product Price: **$20**





Coffee Mug

Product ID: M001
Product Price: **$8**



Business Card Holder

Product ID: B001
Product Price: **$12**

Briefcase

Product ID: B002
Color: Navy/Tan
Product Price: **$55**





CD Holder

Product ID: H001
Product Price: **$20**



Portfolio

Product ID: P001
Product Price: **$45**



Polo Shirt

Product ID: S001
Product Price: **$45**
Sizes: Small, Medium, Large, X Large or XX Large
Colors: Bone, Navy, Red, Burgundy or Purple

Prices in this book are subject to change. For updated pricing, please call us at (877)-243-3945 or visit us online at www.coolingtowerdepot.com

COOLING TOWER DEPOT
The Depot of All Cooling Towers
www.coolingtowerdepot.com

Copyright © 2007 Visit our web site at www.coolingtowerdepot.com for our full Terms and Conditions

CTI ToolKit Software

Revised May 2004

Get your updated help file.

A suite of cooling tower applications that is indispensable to anyone responsible for the peak performance of cooling towers. Applications include, Air Properties Calculator, Merkel Number Calculator, Demand Curve Worksheet (calculates tower performance and characteristic curve test method) and Mechanical Draft Tower Performance Test Analyzer (performance curve method). The performance test analyzer compliments the ATC-105 cooling tower test code. Many fully explained examples presented in the help files. Version 3.0 now available with more calculation options and printing features. Educational pricing and site licensing available upon request.

Why you need the CTI ToolKit?

- Thermal Design Worksheet. An interactive, graphical worksheet designed to speed cooling tower thermal calculations. Set your own values for wet bulb, range and altitude, and plot your own demand curve on virtually any printer.
- Performance Evaluator. Evaluates induced draft counterflow and crossflow cooling tower performance with field acquired data. Fully compliant with the latest CTI ATC-105 test code (performance curve method).
- Air Properties Calculator. Fully ASHRAE compliant, using latest psychrometric property routines.
- Detailed Help Files. How-to-use help for typical applications is just a click away.

What does the CTI ToolKit do for me?

Predicts off-design performance with the Demand Curve Tab application. Answers what if questions like, how much will my leaving water temperature change if I increase my waterflow 10%? Decrease my range 15%?

Evaluates cooling tower performance and acceptance tests.

Performance Curve Tab: application allows the automatic calculation of cooling tower performance using the performance test method of the CTI ATC-105. Automatically solves the iterative calculations for the exit air temperature and psychrometric properties to compute the test L/G as required by CTI ATC-105. Accurately interpolates between curves and generates all the necessary crossplots to determine the overall Tower Capability.

Demand Curve Tab: application speeds the evaluation of the characteristic curve method. This application allows the calculation of the overall Tower Capability when manufacturer's performance curves are unavailable. High quality demand curve pages produced on any printer for your exact set of design conditions at any altitude.

Produces your own performance curves from field test data. Using the Demand Curve Tab application and a single test point, create a set of performance curves along with any spreadsheet.

All without picking up a pencil!

COOLING TOWER DEPOT
The Depot of All Cooling Towers
www.coolingtowerdepot.com
Free! the industries only Online Cooling Tower Design Program With Pricing. Beat That.

Copyright © 2007 Visit our web site at www.coolingtowerdepot.com for our full Terms and Conditions

System Requirements

Microsoft Windows 95/98,
Windows NT 4.0 or later,
Minimum 8 MB RAM (16 MB recommended),
3 MB minimum of free disk space

Title	Price
CTI ToolKit Version 3.0 (single user license)	$450
CTI ToolKit Version 3.0 (Upgrade from V2.0)	$120
PerfCurv 1.0 (Stand alone Performance Curve application)	$240
Any of the above with original hard copy of the CTI Performance Curve (3-Ring Binder)	$180

Shipping	Priority Mail	2nd Day Air	Overnight Domestic	US Priority International
Shipping for CD-Rom (from California)	$6	$15	$25	$20

Shipping	UPS Ground	UPS 2nd Day Air	UPS Next Day	Air Mail International
Shipping for CTI Performance Curve in 3-Ring Binder (from Texas)	$7	$15	$27	$30

Prices in this book are subject to change. For updated pricing, please call us at (877)-243-3945 or visit us online at www.coolingtowerdepot.com

Copyright © 2007 Visit our web site at www.coolingtowerdepot.com for our full Terms and Conditions

Index

A

Access ---92, 164, 199
Addax ---59, 60, 61
Amarillo ---123, 125, 127, 129, 131, 133, 135, 137, 139, 141, 143, 145, 147, 149, 151, 153, 155

B

Basins ---163
Bolt ---52, 109, 111, 113, 123, 125, 127, 129, 131, 133

C

Casing ---188
Casing Nails ---188
Clay tile ---95
Closure Strip ---54
Corner Roll ---54
Counterflow ---189, 190, 191, 193, 195
Couplings ---60, 61, 65
Crossflow ---189, 191

D

Distribution ---190, 207
Double Reduction ---114, 115, 117, 119, 121, 135, 137, 139, 141, 143, 145, 147, 149, 151, 153, 155
Douglas Fir ---72, 164, 201, 203
Drift Eliminators ---56, 57, 58
Driveshafts ---60, 61, 65

E

Escape Ladder ---164

F

Fan Deck ---72
Fill ---93, 94, 95, 96
Fir ---72
Fire Protection ---206
Fire Retardant ---54
Flow Control Valve ---101, 102, 103
FRP ---29, 30, 31, 53, 54, 72, 92, 101, 163, 164, 190, 193, 195, 199, 203, 204, 207

G

Gull Wing ---96

H

Hardware ---60, 61, 65, 68, 164, 188, 203
HDG ---102, 164, 205
hog ring ---99
Hudson ---81, 83



Copyright © 2007 Visit our web site at www.coolingtowerdepot.com for our full Terms and Conditions

I

Inspection Services ---26

J

K

L

Lightning Protection ---208
Low-Fouling ---94
Lumber ---72
lumber ---72

M

Mechanical ---109, 111, 113, 115, 117, 119, 121, 123, 125, 127, 129, 131, 133, 135, 137, 139, 141, 143, 145, 147, 149, 151, 153, 155, 199, 205, 207
Mechanical Supports ---205
Monel ---60, 61, 65
Mur-Tex ---101

N

Nail ---188
Neoprene ---54, 188
nozzle ---189

O

OPTI-GRID ---95, 96

P

Partitions ---204
Plume ---202
Plywood ---72, 163, 200, 201, 204
polypropylene ---96, 99, 189
Pressure Treated ---164, 201, 203
Pultruded FRP Members ---196
PVC ---53, 56, 57, 93, 94, 96, 189, 190, 191, 207
PVC Fill ---93, 94

Q

R

Redwood ---203
Repairs ---27
Replacement Parts ---109, 111, 115, 117, 119, 121, 123, 125, 127, 129, 131, 133
Rexnord ---59

Prices in this book are subject to change. For updated pricing, please call us at (877)-243-3945 or visit us online at www.coolingtowerdepot.com

COOLING TOWER DEPOT
The Depot of All Cooling Towers
www.coolingtowerdepot.com

Copyright © 2007 Visit our web site at www.coolingtowerdepot.com for our full Terms and Conditions

S

S.S. ---188
Silicon Bronze ---188
Single Reduction ---109, 111, 113, 123, 125, 127, 129, 131, 133
Splash Fill ---95, 96
stainless steel ---28, 29, 30, 99, 164
Sumitomo ---159, 160, 161
Supports ---205

T

Testing ---26
Tuf-Lite ---81, 83

U

V

Valves ---101, 102, 103, 1, 103, 104, 105, 106
Vibration Switches ---199

W

Walkways ---199
Washer ---188
Water ---163
Water Noise Attenuators ---201
wire fill ---99

X

Y

Z



Copyright © 2007 Visit our web site at www.coolingtowerdepot.com for our full Terms and Conditions