Cooling Tower Depot, Inc.
651 Corporate Circle, Suite 206
Golden, CO 80401
Phone (720) 746-1234
Fax: (720) 746-1110
info@coolingtowerdepot.com

Project:

CTD Proposal Number: -

Project Location:

Cooling Tower Design Conditions and Dimensions:

Water Flow Rate (gpm)	0	CTD Model #	
Hot Water Temp (F)	0	Cell Dimensions (ft)	L x W x H
Cold Water Temp (F)	0	Tower Dimensions (ft)	0L x W x H
Wet Bulb Temp (F)	0	Fan Power/Cell (HP)	
Pump Head Height (ft)	0	Evaporation/Drift Loss (%)	% / 0.001%

Cooling Tower Features:

cell inline counterflow, induced draft cooling tower
Structural Material:
Hardware material:
Fill:
Cellular PVC drift eliminators
Fan Deck Material:
Partition Material:
Windwall Material:
Casing Material:
FRP or PVC header with PVC lateral distribution system
Addax composite drive shafts with 316 SS coupling
Amarillo gear box
SPDT vibration switch
ft diameter blade high efficiency fan
ft high FRP fan cylinder
hp high efficiency, 1 speed motor (480 volt, 3 phase, 60 Hz, 1780 rpm)
0 escape ladder
0 stairway
Louverless design

Material Pricing FOB Shipping Points: **$** (USD)

Add to Cart

Estimated hours required for field erection of this cooling tower: manhours

November 21, 2026

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Equipment And Work To Be Furnished By Others or Purchased As Options:

(1) Electrical Power
(2) Switch Gear and Starters
(3) Wiring and Controls
(4) Tower Lighting
(5) Lightning Protection System
(6) Fire Protection System
(7) Circulating Water Systems, including: pump, yard pipe, risers, and valves
(8) Blow Down System
(9) Makeup Water Piping
(10) Basin with Anchor Bolts
(11) Installation Labor (estimated at manhours)
(12) Freight to Jobsite

Please call customer service at **(877) 243-3945** to request a quote for any required options including your specific project freight and installation requirements, or click here to request a quote via email.

Proposal Notes:

(1) Prices do not include sales/use tax and purchaser is responsible for any and all applicable taxes.
(2) Prices do not include any permits, certificates or special licenses that may be required.
(3) CTD payment terms: 20% due upon order placement, 20% due upon submittal of customer engineering package (general arrangement drawings, basin drawings and load drawings). Remaining 60% billed upon shipment of materials. All invoices due Net 30 Days from invoice date. Freight and Sales Tax (where applicable) will be billed Pre-Pay and Add.
(4) CTD standard warranty is 18 months after shipment or 12 months after start-up, whichever occurs first.
(5) CTD General Terms and Conditions, which are available at http://www.coolingtowerdepot.com, are incorporated as part of this document. These terms shall apply unless otherwise agreed upon.
(6) This proposal is valid for 30 days from the date on which the DEPOT optimization was generated. This proposal expires on .

Submitted by,
Cooling Tower Depot, Inc.



Steven D. Adams
President

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General:

Selection	Heavy Duty Industrial Counterflow
Tower Model	
Tower Type	cell inline counterflow, induced draft cooling tower
Air Inlet Scheme	0

Design & Operating Conditions:

Circulating Water Flow, U.S. gpm	0
Hot (inlet) Water Temp., deg F	0
Cold (outlet) Water Temp., deg F	0
Wet Bulb Temp., deg F Inlet	0
Tower Pump Head, ft.	0
Motor H.P. (Driver Output)	
Drift Loss, % of circulating flow	0.001
Evaporation Loss (at design), % circ. flow	
Design Wind Load, lbs./sq. ft.	30
Design Seismic Load	Zone 2
Tower Site (ground level, roof, etc.)	Ground Level
Elevation Above Sea Level, ft.	0
Tower Exposure	Unobstructed

Structural Details:

Number of Cells	
Fans Per Cell	1
Total Number of Fans	
Nominal Cell Dimensions, L x W, ft.	x
Overall Tower Dimensions, L x W, ft.	0 x
Height - Basin Curb to Fan Deck, ft.	
Fan Stack Height, ft.	
Overall Tower Height, ft.	
Inside Basin Dimensions, L x W, ft.	6 x 6
Column Extensions, Perimeter, ft.	1
(below basin curb) Interior, ft.	4
Anchorage	Perimeter
Hot Water Inlet - Number	
Nominal Diameter, in.	
Inlet Water Flange	STD ANSI 125lb flange, 1' outside tower
Height Inlet Above Basin Curb, ft.	

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Structural Details (Continued):

Access to Top of Tower	0 ladder, 0 stairway
Shipping Weight, lbs.	
Operating Weight, lbs.	

Materials Of Construction:

Framework Members	
Casing	
Fill Media	
Fill Support	
Drift Eliminators	15 Mil Cellular PVC
Spacer	PVC
Fan Stacks	Fiberglass
Louver Material	N/A
Partitions	
Fan Deck	
Water Distribution Type	Low Pressure Downspray
Materials	PVC/FRP Header, PVC Laterals
Lumber Pre-Treatment	Pressure
Type of Treatment	CCA/ACC
Items Treated	All Lumber
Splashers or Spray Nozzles	Polypropylene
Stairway and Handrail	
Structural Connectors	
Ring Joint Connectors	
Bolts, Nuts, Washers	
Anchor Connectors	
Nails	
Mechanical Equipment Support	Unitized Hot Dipped Galvanized Steel
Anchor Bolts Material	By Owner
Furnished by	Other
Cold Water Basin Material	Concrete
Furnished by	Other
Basin Accessories, by Mfg.	None

Fans:

Number	
Type or Model	APT-H-
Manufacturer	Hudson
Diameter, ft	

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Fans (Continued):

Number of Blades	
Fan Speed, rpm	
Fan Tip Speed, ft./min.	
Fan HP	
Blade Material	Fiberglass Reinforced Vinyl Ester
Hub Material	Epoxy Coated
Total Static Pressure, inches H2O	
Velocity Pressure, inches H2O	0.000
Air Delivery per Fan, ACFM	
Fan Static Efficiency	
Fan Total Efficiency	

Speed Reducer

Number	
Type	Right Angle, Spiral Bevel
Model	
Manufacturer	Amarillo
Reduction Ratio	: 1
Service Factor at Rated HP	
Number of Reductions	2

Drive Shaft

Number	
Type	Full Floating Non-Lubricated
Model	
Manufacturer	Addax
Service Factor	
Drive Shaft Materal	Composite
Coupling Material	316 SS

Motor

Number	
Kind	Electric Motor
Type	Totally Enclosed Fan Cooled (TEFC)
Manufacturer	Baldor, Toshiba, US Motor or Equal
Full Load Speed, RPM	1800
Electric Characteristics	3 phase, 60hZ, 460 volts
Rated HP	

COOLING TOWER DEPOT, INC.

Scale: NOT TO SCALE	Rev: A	Date: 11/21/2026	Notes: N/A	
Customer Name:	Project Name:			
Drawing Name: GENERAL ARRANGEMENTS	Proposal No: -			

Model No:	
Tower Dimensional Information	
A Cell Length	'
B Tower Length	0'
C Air Inlet Height	'
D Dist. Inlet Height	'
E Tower Height	'
F Stack Height	'
G Cell Width	'
H Dist. Extension	12"
J Basin Length	6'
K Basin Width	6'
L Basin Depth	4'
M Dist. Inlet Diameter	"

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The Depot of All Cooling Towers
www.coolingtowerdepot.com