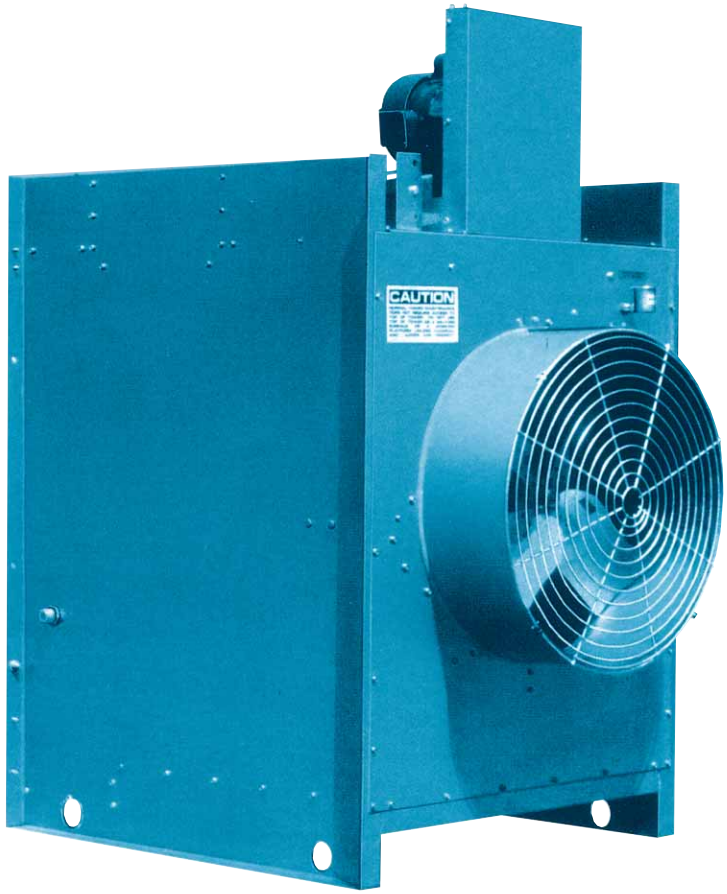
CROSSFLOW COOLING TOWERS

Bulletin #50



CT-M Cooling Towers

ICE CT-M Series Cooling Towers are designed for low maintenance. The induced draft design assures that a low-static, low-energy fan will do the job. It avoids the water leaks typical in forced draft towers. The fan will operate in a arm atmosphere even in winter, so users won't have to face frozen mechanical equipment.

The CT-M Series is designed to provide chilled water for industrial processes requiring +85°F fluid temperatures.

Budzar also designs and manufactures specialized equipment for non-standard applications. Our engineers have extensive experience in process chilling and heating applications for such industries as: rubber, paper, plastics, chemical, food, and metal working. We take the time to understand your current and future needs and design a solution targeted at high quality and fast payback.

engineering **PRECISION**

EXCELLENT RETURN ON INVESTMENT

- Each Budzar unit is designed to maximize the productivity of your process. Budzar quality and reliability provide excellent value for each dollar invested.
- Rugged equipment and proven design mean long service life and low maintenance costs.

LOW-COST, SIMPLE OPERATION AND MAINTENANCE

- The crossflow design saves on pump horsepower. You don't have to pay to force water through an internal spray system. You pay only to pump water to the top of the tower cell, gravity does the rest.
- The mechanical equipment and water distribution system are easily accessible.
- The drift eliminators and louvers are molded right on the long-lasting PVC fill sheets so water is kept inside the tower cell and off your roof.
- Housed in a galvanized casing for many years of dependable service.
- All CT-M models include air inlet screen, top basin cover and starter package.

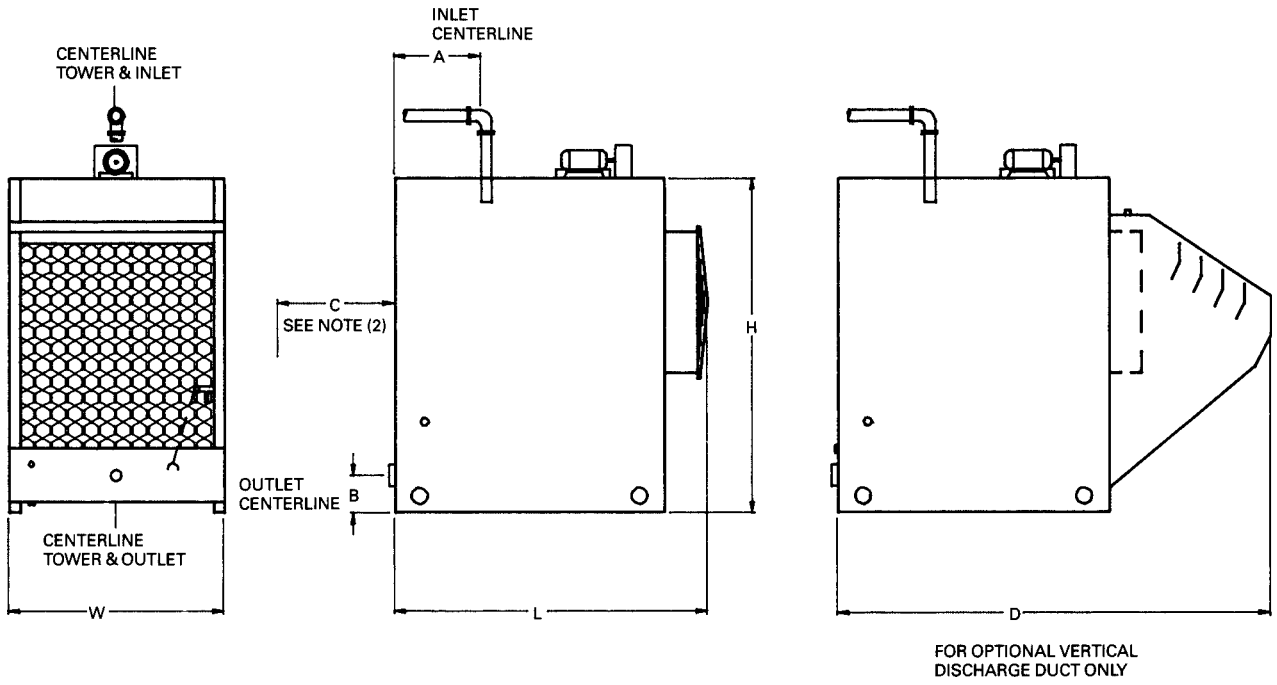
QUICK AND EASY INSTALLATION

- All units are shipped ready for immediate connection to existing power and water lines.
- All units are factory tested prior to shipment.

BUDZAR INDUSTRIES, INC.

ICE

process **TEMPERATURE** control



CTM COOLING TOWERS

MODEL NUMBER	CT-10M	CT-15M	CT-20M	CT-25M	CT-30M	CT-40M	CT-50M	CT-60M	CT-75M	CT-85M	CT-95M	CT-110M	CT-125M	CT-160M	CT-175M
Nominal Tons (1)	10	15	20	25	30	40	50	60	75	85	95	110	125	160	175
Dimensions -															
Width "W"	2'-11 1/2	2'-11 1/2	3'-11 1/2	3'-11 1/2	3'-11 1/2	3'-11 1/2	5'-11 1/2	5'-11 1/2	5'-11 1/2	5'-11 1/2	5'-11 1/2	7'-11 1/2	7'-11 1/2	9'-11 1/2	9'-11 1/2
Length "L"	4'-2 1/4	4'-2 1/4	5'-1 1/16	5'-1 1/16	5'-1 5/16	5'-1 5/16	5'-2 3/16	5'-2 3/16	6'-7 1/8	6'-7 1/8	6'-7 1/8	6'-7 5/16	6'-7 5/16	6'-7 11/16	6'-7 11/16
Height "H"	4'-3 7/8	4'-3 7/8	6'-5	6'-5	6'-5	6'-5	6'-5	6'-5	7'-10 5/8	7'-10 5/8	7'-10 5/8	7'-10 5/8	7'-10 5/8	8'-6 3/4	8'-6 3/4
"A"	1'-3 13/16	1'-3 13/16	1'-5	1'-5	1'-5	1'-5	1'-5	1'-5	1'-11 15/16	1'-11 15/16	1'-11 15/16	1'-11 15/16	1'-11 15/16	1'-11 3/16	1'-11 3/16
"B"	6 7/8	6 7/8	9 1/2	9 1/2	9 1/2	9 1/2	9 1/2	9 1/2	11 1/2	11 1/2	11 1/2	11 1/2	11 1/2	11 1/2	11 1/2
"C" (2)	2'-0	2'-0	4'-0	4'-0	4'-0	4'-0	5'-0	5'-0	6'-0	6'-0	6'-0	7'-0	7'-0	9'-0	9'-0
"D"	(3)	(3)	(3)	(3)	(3)	(3)	(3)	(3)	10'-10 1/16	10'-10 1/16	10'-10 1/16	10'-10 1/16	10'-10 1/16	11'-1 3/4	11'-1 3/4
Weights (lbs.) -															
Shipping -	360	360	590	590	600	600	800	800	1230	1230	1230	1600	1600	1980	1980
Operating (6) -	670	670	1200	1200	1210	1210	1750	1750	3000	3000	3000	4000	4000	5010	5010
Motors (4) -															
Phase -	Single	Three	Three	Three	Three	Three	Three	Three	Three	Three	Three	Three	Three	Three	Three
HP -	1/3	1	1	1	1	2	2	3	2	3	5	5	7 1/2	7 1/2	10
Hydraulic Data -															
GPM Limits -	30	45	60	75	90	120	150	180	225	255	285	330	375	480	525
Inlet -	2	2	4	4	4	4	4	4	6	6	6	6	6	6	6
Outlet (side) -	2 (F)	2 (F)	4 (M)	4 (M)	4 (M)	4 (M)	4 (M)	4 (M)	6 MC	6MC	6MC	6MC	6MC	6MC	6MC
Cell Number -	4811	4812	4821	4822	4831	4832	4841	4842	4851	4852	4853	4861	4862	4871	4872

NOTES:

(1) Nominal Tons are based upon 95 °F HW, 85 °F CW, 78 °F WB, and 3 GPM/Ton.

(2) Minimum clearance for adequate air supply.

(3) Vertical discharge ducts are not available on these models.

(4) Motor and belt guard are shipped separately for mounting at the job by others.

(5) Fractional HP motors are 115/230 volt TENV. 1 HP through 10 HP motors are 230/460 volt TEFC.

(6) This weight applies to applications not utilizing a remote sump, instead using the tower cold water basin.

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