

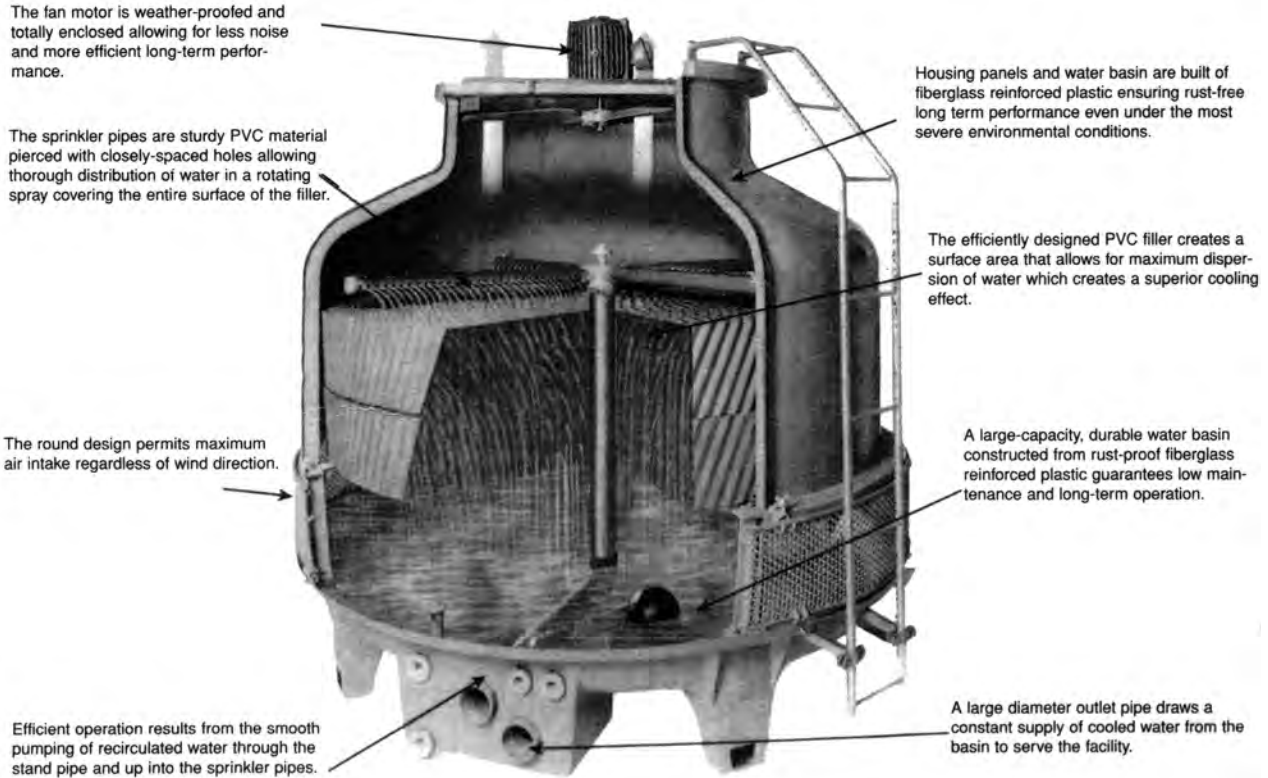


# COOLING TOWERS

## AMCOT Fiberglass Cooling Tower

Lightweight and compact, the AMCOT cooling tower provides quick and easy installation. Job site assembly is simplified by the modular design of all components. Easy access through casing simplifies cleaning.

Honeycomb heat embossed PVC is formed to permit high heat transfer efficiency. Individual fiberglass panels are stainless steel bolted together for periodic wash down and general cleanup. The AMCOT cooling tower is designed for durability and long life even under the most severe weather conditions.



**SOUND PRESSURE LEVELS OF AMCOT COOLING TOWERS**  
LEVEL OF MEASUREMENT: db

NOTE: THE ACCURACY OF MEASURING VALUE IS ± 3 DECIBELS

REMARKS:

- POINT ① IS 45° EXTENSION OF FAN DISCHARGE.
- DISTANCE 'D':
  - (1) ST MODELS 125 & LOWER - 4' 11"
  - (2) ST MODELS 150 & ABOVE - FAN DIAMETER

TOWER MODEL	ST-3			ST-5			ST-8			ST-10			ST-15			ST-20			ST-25			ST-30			ST-40			ST-50			ST-60					
MEASURING PT.	1	2	3	1	2	3	1	2	3	1	2	3	1	2	3	1	2	3	1	2	3	1	2	3	1	2	3	1	2	3	1	2	3	1	2	3
SCALE	56	53	42	59	56	45	61	56	46	62	57	47	67	62	51	70	65	54	72	68	57	76	68	60	77	68	57	79	70	59	77	71	62			
TOWER MODEL	ST-70			ST-80			ST-100			ST-125			ST-150			ST-175			ST-200			ST-225			ST-250			ST-300			ST-350					
MEASURING PT.	1	2	3	1	2	3	1	2	3	1	2	3	1	2	3	1	2	3	1	2	3	1	2	3	1	2	3	1	2	3	1	2	3	1	2	3
SCALE	79	73	64	80	74	65	77	70	59	83	75	61	78	72	63	80	72	64	80	73	66	74	69	60	76	69	60	76	71	62	77	72	63			
TOWER MODEL	ST-400			ST-500			ST-600			ST-700			ST-800			ST-1000			ST-1250			ST-1500														
MEASURING PT.	1	2	3	1	2	3	1	2	3	1	2	3	1	2	3	1	2	3	1	2	3	1	2	3	1	2	3	1	2	3						
SCALE	80	75	66	80	75	66	78	73	64	79	74	65	79	74	65	80	75	66	84	78	71	86	80	73												



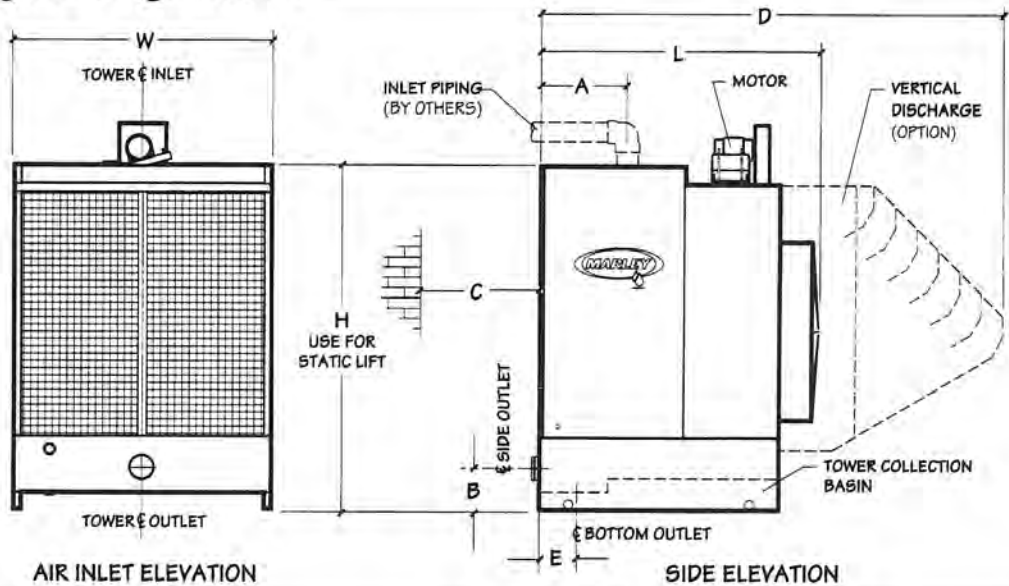
## Marley Water Cooling Towers

Marley is a proven performer in the ice industry. Marley's induced draft design saves on fan power and helps avoid water leaks. Its cross flow gravity design saves on pump power. Marley towers also have built-in, weather tough corrosion protection plus integral draft eliminators and louvers. Models from 10 to 175 ton capacity. Available in fiberglass.

**ALL SIZES AND MODELS ARE AVAILABLE**



### Engineering Data



Tower Model	Nominal Tons (1)	Dimensions								Fan Dia.	Motor HP	Piping Connections		
		W	L	H	A	B	C (2)	D	E			Inlet	Outlet(6)	
4811	10	2'-11 1/2"	4'-1 3/4"	4'-3 7/8"	1'-3 13/16"	6 7/8"	2'-0"			(6)	24"	1/3	2"	2" F
4812	15		4'-11 3/4"									1		
4821	20	3'-11 1/2"	4'-11 3/4"	6'-5"	1'-5"	9 1/2"	4'-0"	(3)	8"	36"	1	4"	4" M	
4822	25										5'-0 5/8"			2
4831	30		5											
4832	40		2											
4841	50	5'-11 1/2"	5'-0 5/8"	6'-5"	1'-5"	5'-0"	4'-0"	10'-8"	9 1/4"	42"	2	6"	6" MC	
4842	60					3								
4851	75					2								
4852	85	5'-11 1/2"	6'-5"	7'-10 5/8"	2'-0"	11 1/2"	6'-0"	10'-8"	9 1/4"	48"	3	6"	6" MC	
4853	95						5							
4861	110	7'-11 1/2"	6'-5 1/4"	7'-10 5/8"	2'-0"	11 1/2"	7'-0"	10'-8"	9 1/4"	54"	5	6"	6" MC	
4862	125						7 1/2							
4871	160	8'-11 1/2"	6'-5 5/8"	8'-6 3/4"	1'-11 3/16"	11 1/2"	8'-0"	10'-11 11/16"	9 1/4"	66"	7 1/2	6"	6" MC	
4872	175						10							





## COOLING TOWERS/CONDENSERS



### AMCOT Silver Series TS Fiberglass Cooling Towers

The TS fiberglass cooling tower has a cylindrical, bottle-shaped design which minimizes the internal pressure drop. This design eliminates ineffective space in the cooling layers, resulting in excellent cooling efficiency. TS cooling towers are very cost efficient and much lighter than conventional metal cooling towers. Models from 3 to 1,000 nominal tons.

MODEL	Dimensions H x Dia (In)	Motor HP	FAN CFM	Pump Head	Water Flow
TS-3	48 x 27	1/6	953	3.9	9
TS-5	50 x 32	1/6	2,119	3.9	15
TS-8	57 x 33	1/6	2,648	3.9	24
TS-10	55 x 43	1/4	3,531	4.3	30
TS-15	60 x 43	1/2	4,943	4.6	45
TS-20	62 x 47	1/2	6,356	4.9	60
TS-25	67 x 55	3/4	7,062	5.2	75
TS-30	70 x 64	3/4	7,945	5.9	90
TS-40	70 x 71	1	9,887	5.9	120
TS-50	72 x 78	1	11,652	6.2	165
TS-60	78 x 78	1.5	14,830	6.2	180
TS-70	76 x 87	1.5	18,008	6.6	210
TS-80	80 x 87	1.5	19,421	6.6	255
TS-100	85 x 110	2	24,717	9.8	330

MODEL	Dimensions H x Dia (In)	Motor HP	FAN CFM	Pump Head	Water Flow
TS-125	89 x 122	3	29,307	9.8	375
TS-150	102 x 138	3	33,545	10.5	480
TS-175	106 x 138	3	40,607	10.5	540
TS-200	114 x 154	7.5	44,138	11.5	640
TS-225	114 x 154	7.5	61,793	11.5	690
TS-250	118 x 154	7.5	65,324	13.1	800
TS-300	120 x 184	10	77,682	13.1	975
TS-350	124 x 184	10	81,213	13.1	1,125
TS-400	159 x 211	15	91,806	16.4	1,350
TS-500	167 x 211	15	97,103	16.4	1,650
TS-600	175 x 260	20	132,413	18.0	2,000
TS-700	183 x 260	20	137,709	18.0	2,300
TS-800	205 x 291	25	176,550	19.7	2,650
TS-1000	211 x 291	25	183,612	19.7	3,000



### Baltimore Aircoil Evaporative Condensers

BAC evaporative condensers provide energy savings over other condenser choices by requiring lower system horsepower than conventional air-cooled (up to 30% less) and water-cooled (up to 15% less) condensing systems. These systems are generally lower cost, lighter and require less space. Maintenance is simple and easy.

#### STANDARD FEATURES

- Broad range of unit capacities, from 10 to 1,774 tons
- Capacity control to match condenser to the load under varying conditions
- Low noise with directional capability
- Few moving parts
- Easy access to interior of unit
- Trouble-free water distribution





## PATKOL Evaporating Condenser (ECX Series)

ECX Evaporative Condensers are specially designed for transport in 40 ft. closed container.

### STANDARD FEATURES

- Stainless steel coils
- Utilized heavy duty coils to assure durability
- Ammonia and Fluorocarbon refrigerant application
- Yield high heat rejection
- Strong structure and easy maintenance
- Reliable quality and manufacturing



## PATKOL Hybrid Evaporative Condenser

### STANDARD FEATURES

- Direct drive axial flow fan
- Reinforced fiberglass casing
- Stainless steel coils
- Water sump designed to minimize volume of water for low operating weight
- All structions are in stainless steel
- Drift eliminator with special designed thermoformed PVC with UV protection
- Access Doors for easy servicing of spray nozzles

