EN

Cooling Towers FT Series

Industrial Fiberglass Cooling Tower

Benefits:

- **Fiberglass Construction:** Corrosion resistant rugged fiberglass withstands harsh weather and industrial manufacturing environments.
- **Direct Drive Fan Motor:** Comes with permanently sealed bearing connected direct to fan to eliminate motor bearing, belt, pulley and gear box maintenance.
- **Stainless Steel Fasteners:** Provide added strength and corrosion resistance for long life and durability in severe environmental conditions.
- **PVC Fill and Internal Piping:** Optimal efficiency and long life with low maintenance and no rust or corrosion typical of galvanized steel towers.
- **Fiberglass Inlet Louvers:** Keep unwanted debris and animals out of the basin and ensure water splashes in the basin stay in the tower.
- **Pressurized Water Distribution System:** Nonferrous rotating sprinkler head with large non-clogging openings and PVC distribution piping for trouble-free operation.
- **Factory Assembled:** Motor and fan are removed to prevent shipping damage, makes installation quick and easy.
- **Warranty:** 10 year parts on fiberglass shell; 1 year parts on complete cooling tower.

Thermal Care provides durable, efficient, and low- maintenance cooling towers designed for premium quality and performance at a competitive price.

FT Series towers feature a counterflow design, carefully engineered with the optimum combination of heat transfer media, uniform airflow and balanced water distribution. This provides maximum air/water contact and low air pressure drop to assure efficient heat transfer while minimizing power requirements to save on operating costs. Each tower features fiberglass construction of the shell and basin for long life and corrosion resistance.

Industrial cooling towers are an effective way to remove unwanted heat from one place to another using water as the transport media. Cooling towers are an extremely cost-effective solution for process cooling when the temperature required is near 85°F (29°C) or above. Water-cooled chiller condensers also typically require 85°F (29°C) inlet water, so a cooling tower system is perfect for a water-cooled chiller system.

THERMAL CARE
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Benefits of the FT Series Cooling Tower Features:

FIBERGLASS CONSTRUCTION
Resists harsh weather, and has a longer life than steel construction towers, especially in industrial manufacturing environments.

DIRECT DRIVE FAN MOTOR
Lower noise, superior energy efficiency, reduced maintenance, and high reliability from the direct drive between the motor and the fan.

STAINLESS STEEL FASTENERS
Corrosion resistant; perfect for industrial and harsh environments.

PVC FILL AND INTERNAL PIPING
Provide optimal efficiency and long life with no rust or corrosion - which can be typical with galvanized steel towers.

Technical Data

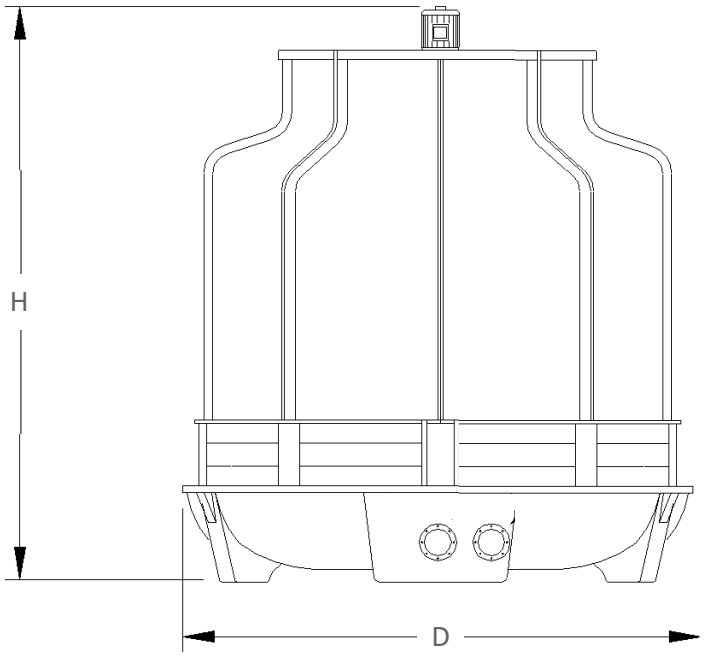
Model	Cooling Tons (kW)[1]	Nominal Flow gpm (lpm)	Inlet Pressure Required psi (bar)	Operating Range gpm (lpm)	Inlet	Outlet	Dimensions D x H inch (mm)	Shipping Weight lbs (kg)	Operating Weight lbs (kg)
FT8220	38 (134)	114 (432)	3 (0.2)	60 to 200 (227 to 757)	3	3	75 x 84 (1,905 x 2,134)	600 (272)	1,475 (669)
FT8250	60 (211)	180 (681)	5 (0.3)	90 to 340 (341 to 1,287)	4	4	84 x 92 (2,134 x 2,337)	750 (340)	2,100 (953)
FT8260	80 (281)	240 (909)	5 (0.3)	180 to 500 (681 to 1,893)	5	5	95 x 109 (2,413 x 2,769)	1,250 (567)	2,780 (1,261)
FT8270	100 (352)	300 (1,136)	5 (0.3)	180 to 500 (681 to 1,893)	5	5	95 x 109 (2,413 x 2,769)	1,300 (590)	2,890 (1,311)
FT8280	120 (422)	360 (1,363)	5 (0.3)	180 to 500 (681 to 1,893)	5	5	95 x 115 (2,413 x 2,921)	1,400 (635)	3,050 (1,384)

[1]Cooling tons based on 15,000 BTU/Hr/ton with 85°F (29°C) leaving water, 78°F (26°C) wet bulb and 3 gpm/ton (2.58 lpm/kW) tower water.

Electrical Data

Model	Fan Motor hp (kW)	Rated Voltage[1] FLA @ 208/3/60	Rated Voltage[1] FLA @ 230/3/60	Rated Voltage[1] FLA @ 460/3/60	Rated Voltage[1] FLA @ 575/3/60
FT8220	2 (1.5)	N/A	6.8	3.4	N/A
FT8250	2 (1.5)	N/A	6.8	3.4	N/A
FT8260	3 (2.2)	N/A	9.6	4.8	N/A
FT8270	3 (2.2)	N/A	9.6	4.8	N/A
FT8280	5 (3.7)	N/A	15.2	7.6	N/A

[1]Allowable voltage is ± 10% from rated voltage.



Thermal Care is ISO 9001 Certified
Manufacturer reserves the right to change specification or design without notification or obligation.