

FG Series Fiberglass Cooling Towers

FG Series cooling towers offer unparalleled corrosion resistance, energy efficiency, and performance.

If your cooling temperature requirements range from 85°F upward, you may reduce your process water consumption by up to 98.5% by using cooling towers to remove process heat. Colortronic Cooling Tower Systems are used wherever a reduction of water costs and/or control of mineral precipitation associated with cooling applications is desired.

Standard Features

- High-efficiency induced draft design
- Balancing valve and pressure gauge
- Lightweight non-corrosive fiberglass shell with fiberglass side seams
- Vertical air discharge
- Stainless steel hardware
- Factory-tuned fan blade pitch
- Totally-enclosed non-ventilated energy-efficient TENV fan motor
- Large inspection/access door
- Anti-clog ABS nozzle(s)
- Bottom outlet (requires a 24+[61 cm] . minimum support base under the tower)
- PVC Fill and Drift eliminators with ultraviolet (UV) protection
- Exterior gel coat/UV inhibitor
- 2 year warranty on parts
- 1 year warranty on fan motors



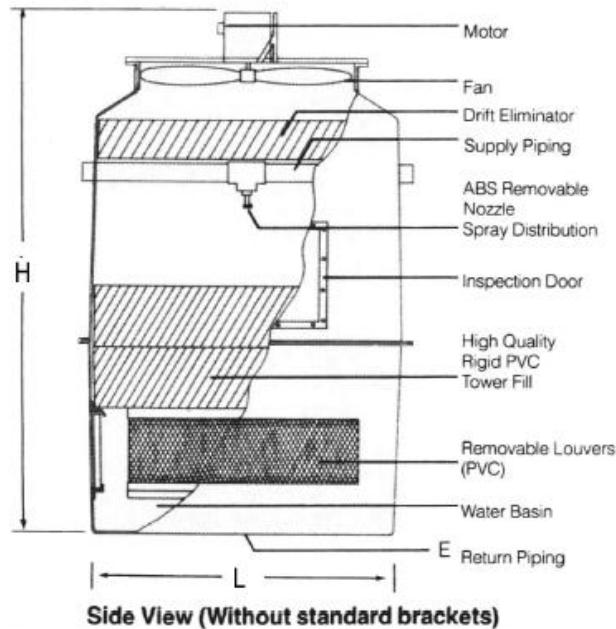
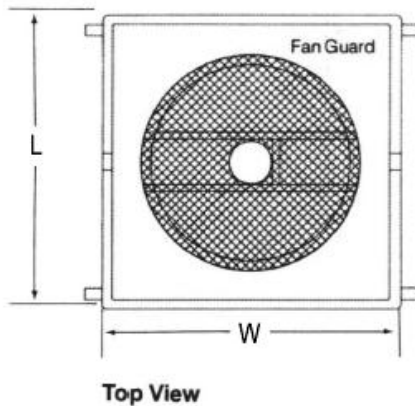
Optional Features

- 460/3/60 or 230/3/60 starter package, including starter, on/off switch, thermostat and well (consult factory for 208V or 575V)
- Basin reservoir, to be used where the basin of the tower serves as a reservoir. It is not necessary to purchase this package where an inside reservoir is used. The parts consist of a 0.75+ automatic float valve, water outlet basket strainer, and overflow connection (Not recommended for bottom outlet towers)
- Heater, used with basin reservoir option to guard against freeze-up when system is shut down. Includes heater and low water heater shut off.
- Factory startup, including checking motors, flow, adjusting nozzles. Towers must be installed and connected, including all piping and electrical hookups before Colortronic arrives on site
- Access ladder, meets OSHA requirements (shipped loose for field installation)
- Side outlet configuration available at no charge

Specifications

Model	Capacity ①, tons (Kcal/hr)	Fan motor, hp (kW)	Amp draw, 460/3/60	Water inlet dia., in. (mm)	Water outlet dia., in. (mm)	Length, in. (cm)	Width, in. (cm)	Height, in. (cm)	Shipping weight, lbs. (kg)	Operating weight, lbs. (kg)
FG2003	50 (151,200)	2 (1.5)	3.4	4 (102)	4 (102)	64 (163)	64 (163)	104 (264)	600 (273)	1300 (591)
FG2004	75 (226,800)	5 (3.7)	7.6	4 (102)	6 (152)	64 (163)	64 (163)	125 (318)	750 (341)	1700 (772)
FG2005	100 (302,400)	5 (3.7)	7.6	4 (102)	8 (203)	82 (208)	82 (208)	121 (307)	1400 (636)	2900 (1317)
FG2007	125 (378,000)	5 (3.7)	7.6	4 (102)	8 (203)	82 (208)	82 (208)	121 (307)	1500 (681)	3200 (1453)
FG2009	150 (453,600)	10 (7.5)	14	4 (102)	8 (203)	100 (254)	100 (254)	123 (313)	1950 (886)	3800 (1726)
FG2011	175 (529,200)	10 (7.5)	14	4 (102)	8 (203)	100 (254)	100 (254)	123 (313)	2100 (954)	4400 (1998)
FG2015	200 (604,800)	15 (11.2)	21	4 (102)	8 (203)	100 (254)	100 (254)	124 (315)	2600 (1181)	5200 (2361)

① Capacity based upon 15,000 BTU/hr (3,024 Kcal/hr) heat rejection per ton (3,024 Kcal/hr chilled water, 3,780 Kcal/hr tower water). Flow equals 3 gpm per ton (1,563 lpm per 1,000 Kcal/hr). Entering water temperature 95_F (35_C), leaving water temperature 85_F (29_C) ambient wet bulb. Consult factory for other requirements.



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