

FGCT
SERIES

FIBERGLASS COUNTERFLOW EVAPORATIVE COOLING TOWER

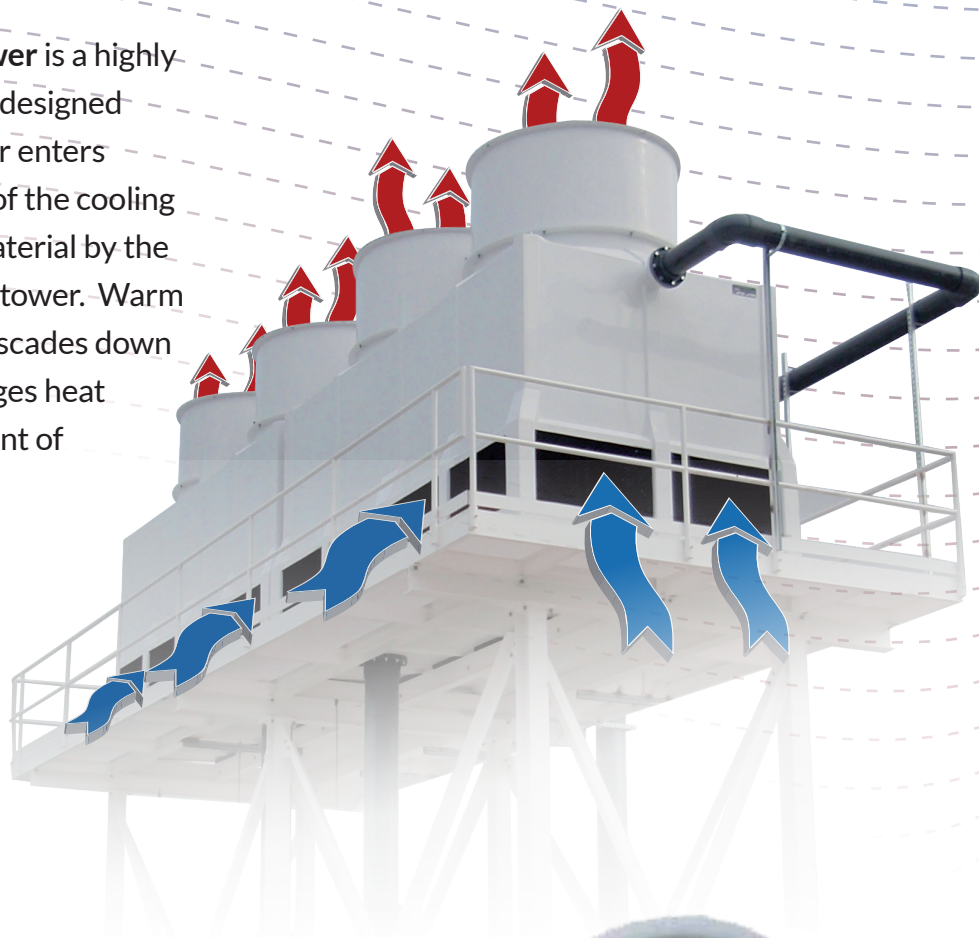
The **FGCT Series Fiberglass Cooling Tower** is a highly efficient counterflow evaporative tower designed to efficiently cool your process water. Air enters through the air-inlet louvers on the side of the cooling tower and is drawn up through the fill material by the induced draft fan mounted on top of the tower. Warm water enters the top of the tower and cascades down through the fill material where it exchanges heat with the air. In the process, a small amount of the water is evaporated and the cooled water gravity drains from the tower basin to an indoor **OPENLOOP** pump station.

BUILT TO LAST

The FGCT Series Fiberglass Counterflow Evaporative Cooling tower is an excellent, corrosion resistant alternative to a galvanized cooling tower. The all-fiberglass construction with polyester resin and UV inhibitor provides a high resistance to corrosion, excellent weather resistance, and has an aesthetically pleasing appearance. It has a one-piece seamless construction that eliminates water leakage, which means less wasted water and less freezing in the winter.

NO QUESTION, IT WORKS

The FGCT series of cooling towers are the perfect fit for many cooling applications. Installed all over the world they can be used in any environment, on most any type of heat rejection process. These cooling towers in combination with Dry Coolers' pump stations can be designed to offer the highest quality process cooling available.



Direct drive, low speed TEFC NEMA fan motor

STANDARD FEATURES

- All-fiberglass unitized casing and internal structure provides greater corrosion resistance
- UV protection for extended life and strength
- Optimum design for all-season performance including freezing climates
- Self-extinguishing PVC fill and PVC drift eliminators
- Direct drive, low-speed TEFC NEMA fan motor
- Low-noise operation
- No moving internal parts
- Fixed distribution nozzles with variable flow rates
- Triple-pass PVC air-inlet louvers
- Large, easily removable access doors
- Certified by the Cooling Technology Institute (CTI) according to its standard, STD-201
- 15-year structure and casing limited warranty

RAPID PAYBACK, CORROSION RESISTANT CONSTRUCTION & STATE OF THE ART DESIGN

DIMENSIONS & CAPACITIES

Model	Nominal Cooling Tons	Fan Motor (HP)	Dimensions L x W x H (Inches)	Pipe Connections (Inches)					Weight (lbs)	
				Outlet	Inlet	Overflow	Drain	Make-Up	Dry	Operating
FGCT-303115	24	1.5	35.25 x 35.5 x 107.5	2.5	2.5	2	2	0.5	727	1427
FGCT-303102	26	2	36.5 x 36. x 107.5	2.5	2.5	2	2	0.5	727	1427
FGCT-404103	43	3	49 x 49 x 122	2.5	2.5	2	2	0.5	1022	2234
FGCT-404105	53	5	49 x 49 x 122	2.5	2.5	2	2	0.5	1022	2234
FGCT-505105	75	5	61.5 x 61.5 x 127.5	4	4	2	2	0.5	1366	3189
FGCT-606105	90	5	73.75 x 73.75 x 127	4	4	2	2	0.5	1890	4415
FGCT-606175	107	7.5	73.75 x 73.75 x 127	4	4	2	2	1	1890	4415
FGCT-707175	141	7.5	84.5 x 84.5 x 134	6	6	2	2	1	2553	5624
FGCT-707110	155	10	84.5 x 84.5 x 134	6	6	2	2	1	2553	5624
FGCT-708110	169	10	97 x 85 x 134	6	6	2	2	1	2717	6230
FGCT-708115	192	15	97 x 85 x 134	6	6	2	2	1	2717	6230
FGCT-709115	205	15	111.5 x 86.5 x 134	6	6	2	2	1	2912	6863
FGCT-808115	210	15	97.5 x 97.5 x 153	6	6	2	2	1	2986	6992
FGCT-810115	243	15	121.75 x 97.5 x 153	6	6	2	2	1	3548	8522
FGCT-812115	267	15	145.5 x 98 x 154	8	8	2	2	1.5	4028	9965
FGCT-816275	343	7.5 (2)	199.5 x 104.75 x 158	8	8	2	2	1.5	5476	13213
FGCT-816210	380	10 (2)	199.5 x 104.75 x 158	8	8	2	2	1.5	5476	13213
FGCT-816215	420	15 (2)	199.5 x 104.75 x 158	8	8	2	2	1.5	5476	13213



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BULLETIN
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