

FGCT  
SERIES

# FIBERGLASS COUNTERFLOW EVAPORATIVE COOLING TOWER

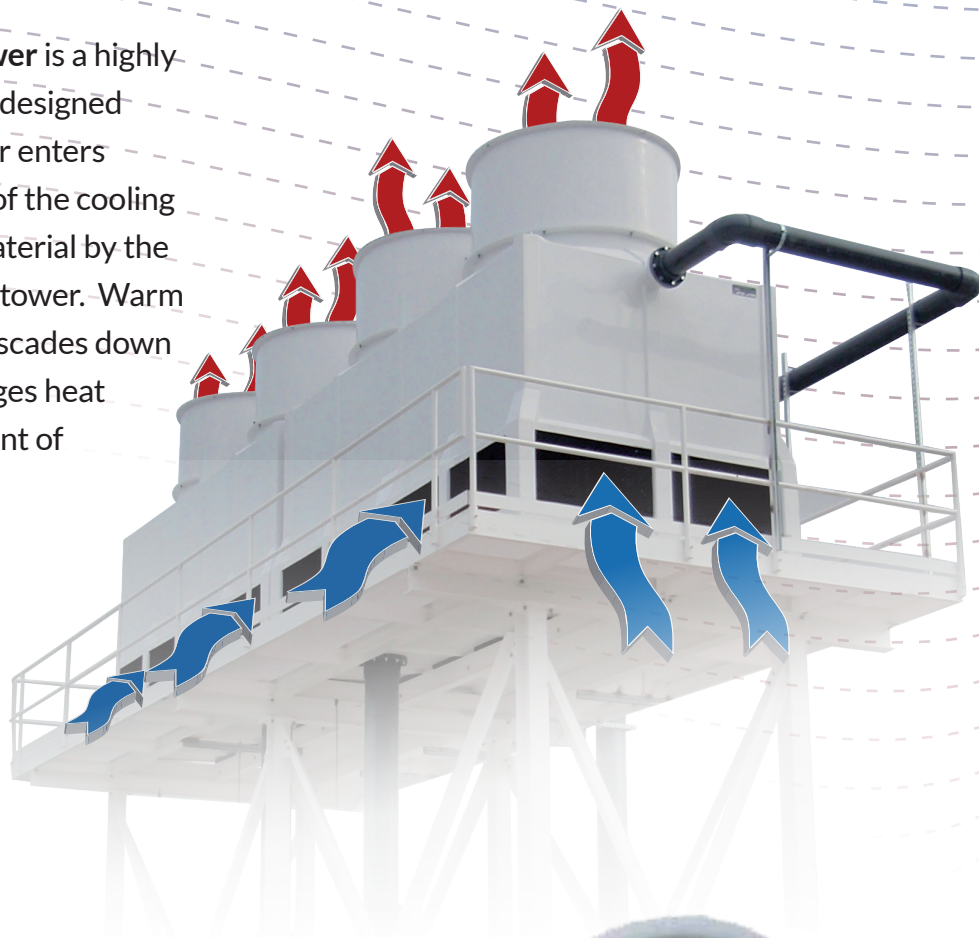
The **FGCT Series Fiberglass Cooling Tower** is a highly efficient counterflow evaporative tower designed to efficiently cool your process water. Air enters through the air-inlet louvers on the side of the cooling tower and is drawn up through the fill material by the induced draft fan mounted on top 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	44x 38 x 115.5	2.5	2.5	2	2	0.5	868	1287
FGCT-303102	26	2	44 x 38 x 115.5	2.5	2.5	2	2	0.5	868	1287
FGCT-404103	43	3	56 x 50 x 125	2.5	2.5	2	2	0.5	1268	1996
FGCT-404105	53	5	56 x 50 x 123	2.5	2.5	2	2	0.5	1268	1996
FGCT-505105	76	5	68 x 62 x 127.5	4	4	2	2	0.5	1737	3074
FGCT-606105	91	5	80 x 74 x 127.5	4	4	2	2	0.5	2141	4023
FGCT-606175	107	7.5	80 x 74 x 127.5	4	4	2	2	1	2141	4023
FGCT-707175	145	7.5	92 x 86 x 136.5	6	6	2	2	1	2871	6052
FGCT-707110	158	10	92 x 86 x 136.5	6	6	2	2	1	2871	6052
FGCT-708110	170	10	104 x 86 x 136.5	6	6	2	2	1	3109	6708
FGCT-708115	192	15	104 x 86 x 136.5	6	6	2	2	1	3109	6708
FGCT-709115	205	15	116 x 86 x 136.5	6	6	2	2	1	3298	7329
FGCT-808115	215	15	104 x 98 x 156	6	6	2	2	1	3645	7739
FGCT-810115	245	15	128 x 98 x 156.5	6	6	2	2	1	4211	9254
FGCT-812115	270	15	152 x 98 x 156.5	8	8	2	2	1.5	4922	12098
FGCT-816275	343	7.5 (2)	200.5 x 98 x 158.5	8	8	2	2	1.5	7023	16529
FGCT-816210	380	10 (2)	200.5 x 98 x 158.5	8	8	2	2	1.5	7023	16529
FGCT-816215	426	15 (2)	200.5 x 98 x 158.5	8	8	2	2	1.5	7023	16529



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