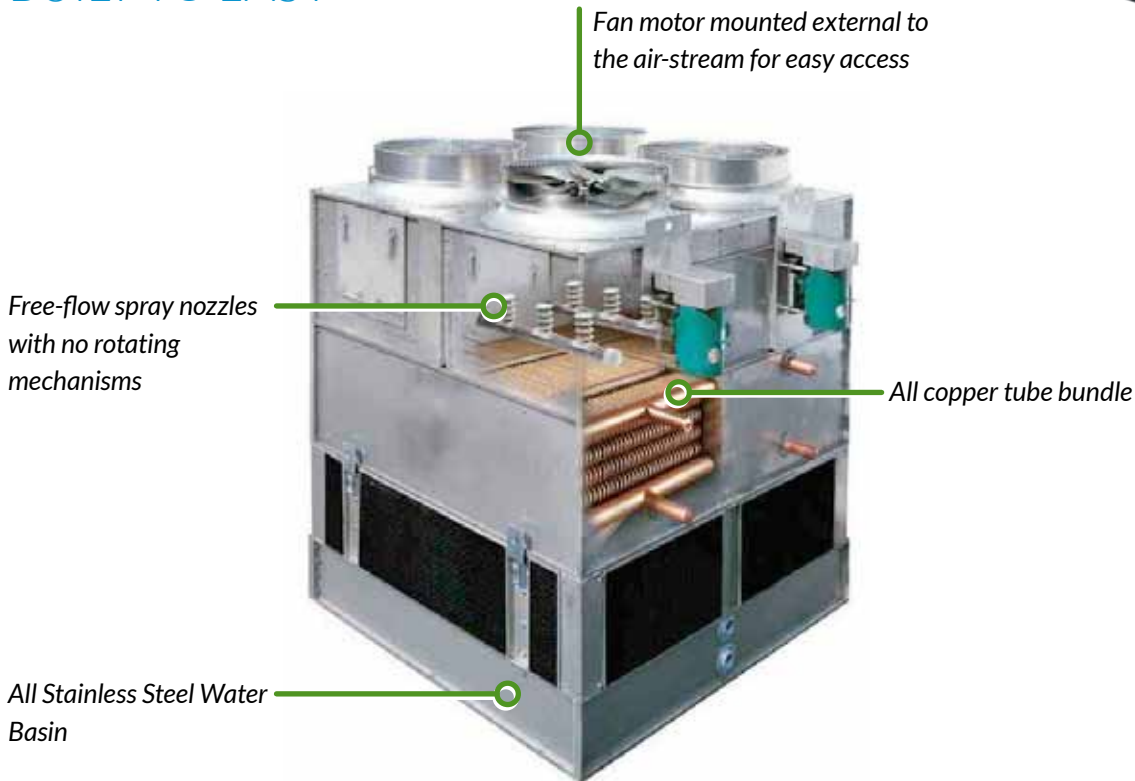


The **MW Series Closed Loop Cooling Tower** is a highly efficient counterflow evaporative tower designed to efficiently cool your process fluid. Air enters through the inlet louvers on the side of the cooling tower and is drawn up by the induced draft fans mounted on top of the cooling tower. Cooling water enters the top of the tower and cascades down over the closed loop, non ferrous copper tubes where it exchanges heat with the air. In the process, a small amount of the water is evaporated and your cooled process fluid continues its loop to an indoor CLEANLOOP pump station and your equipment.



BUILT TO LAST



NO QUESTION, IT WORKS

The MW 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

STANDARD FEATURES

- Optimum design for all-season performance including freezing climates
- All non ferrous, closed loop, floating copper coil, ensures no contamination of cooling medium.
- All bearings come pre-greased with factory installed lube lines for easy maintenance.
- Low-noise operation fans that can be individually cycled for optimum efficiency.
- Fixed distribution, Non-clogging nozzles with variable flow rates
- Large, easily removable access door
- Certified by the Cooling Technology Institute (CTI) according to its standard, STD-201

OPTIONAL FEATURES

- Basin heater for freeze protection
- Dual inlet/outlet connections
- High Flow Versions Available

THREE REASONS TO USE THE MW SERIES

1. Rapid Payback
2. Corrosion Resistant Construction
3. State of the Art Design

DIMENSIONS & CAPACITIES

Model	Nominal Flow Range (gpm)*	Nominal Cooling (tons)*	Fan Motor (HP)	Pump Motor (HP)	Dimensions L x W x H (Inches)	Pipe Connections (Inches)				Weight (lbs)	
						Outlet (ODS)**	Inlet (ODS)**	Over-flow	Drain	Dry	Operating
MW-18a	095-135	29-41	5	1	61.25 x 49.75 x 109	(1) 3.125"	(1) 3.125"	2.5	2.5	727	1427
MW-18b	120-160	34-49	5	1	61.25 x 49.75 x 109	(1) 3.125"	(1) 3.125"	2.5	2.5	727	1427
MW-18c	130-180	40-55	5	1	61.25 x 49.75 x 109	(1) 3.125"	(1) 3.125"	2.5	2.5	1022	2234
MW-30a	160-220	49-67	(2)3	1	97.12 x 49.75 x 109	(1) 3.125"	(1) 3.125"	2.5	2.5	1022	2234
MW-30b	200-270	61-83	(2)3	1	97.12 x 49.75 x 109	(1) 3.125"	(1) 3.125"	2.5	2.5	1366	3189
MW-30c	230-310	70-95	(2)3	1	97.12 x 49.75 x 109	(1) 3.125"	(1) 3.125"	2.5	2.5	1890	4415
MW-44a	260-360	80-110	(2)5	1.5	144.1 x 49.75 x 109	(2) 3.125"	(2) 3.125"	2.5	2.5	1890	4415
MW-44b	300-400	92-122	(2)5	1.5	144.1 x 49.75 x 109	(2) 3.125"	(2) 3.125"	2.5	2.5	2553	5624
MW-44c	320-430	98-131	(2)5	1.5	144.1 x 49.75 x 109	(2) 3.125"	(2) 3.125"	2.5	2.5	2553	5624
MW-64b	400-540	122-165	(4)5	2	97.12 x 95.6 x 115	(2) 3.125"	(2) 3.125"	2.5	2.5	2717	6230
MW-64c	430-580	131.5-177	(4)5	2	97.12 x 95.6 x 115	(2) 3.125"	(2) 3.125"	2.5	2.5	2717	6230
MW-80b	450-600	137.5-183	(4)5	2	120.6 x 95.6 x 115	(2) 3.625"	(2) 3.625"	2.5	2.5	2912	6863
MW-80c	480-640	147-196	(4)5	2	120.6 x 95.6 x 115	(2) 3.625"	(2) 3.625"	2.5	2.5	2986	6992
MW-96b	540-750	165-299.5	(4)5	3	144.1 x 95.6 x 115	(2) 4.125"	(2) 4.125"	2.5	2.5	3548	8522
MW-96c	580-800	177-245	(4)5	3	144.1 x 95.6 x 115	(2) 4.125"	(2) 4.125"	2.5	2.5	4028	9965

* Based on 30% Ethylene glycol cooled from 100°F to 90°F at 78°F wet bulb temperature

** Copper sweat connections



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BULLETIN
MW - 1410 - 0416