

**M Series Metal Cooling Towers**

Energy efficient M Series induced-draft cross flow towers are pre-assembled and feature galvanized components and PVC fill for corrosion protection.

**Standard Features**

- Thermostat-controlled operation
- Heavy-gauge G-235 galvanized steel
- Propellor fan
- PVC wet deck
- Over-spray eliminator
- 5 year warranty on the gear reducer on large capacity towers
- 1 year warranty on parts

**Optional Features**

- Fan starters with thermostats, 230/3/60 or 460/3/60 (230/3/60 not available on 50 or 60 hp fans)
- OSHA handrail and ladder (8302D and larger models)
- 2 inlet control valves (8302D and larger models)
- 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.
- Consult factory for availability of forced draft design towers and 208 V or 575 V applications.



## Specifications

Model ①	Capacity, tons (Kcal/hr) ②	Fan motor, hp (kW) ③	Water inlet dia., in.	Water outlet dia., in.	Length, in. (cm)	Width, in. (cm)	Height, in. (cm)	Ship. Weight, lbs. (kg)	Operating weight, lbs. (kg)
490B	10 (30,240)	1 (0.75)	2	2	36 (91)	51 (130)	63 (160)	437 (198)	756 (343)
492A	22 (66,528)	1 (0.75)	4	4	48 (122)	61 (155)	89 (226)	742 (337)	1396 (633)
492B	28 (84,672)	2 (1.50)	4	4	48 (122)	61 (155)	89 (226)	742 (337)	1396 (633)
493A	36 (108,864)	2 (1.50)	4	4	72 (183)	61 (155)	89 (226)	982 (445)	1995 (905)
493B	42 (127,008)	3 (2.24)	4	4	72 (183)	61 (155)	89 (226)	982 (445)	1995 (905)
494A	51 (154,224)	2 (1.50)	6	4	72 (183)	78 (198)	108 (445)	982 (445)	1995 (905)
494B	57 (172,368)	3 (2.24)	6	6	72 (183)	78 (198)	108 (445)	1398 (634)	2948 (1337)
494C	68 (205,632)	5 (3.73)	6	6	72 (183)	78 (198)	108 (445)	1398 (634)	2948 (1337)
495A	80 (241,920)	5 (3.73)	6	6	96 (244)	78 (198)	108 (445)	1758 (797)	3856 (1749)
495B	91 (275,184)	7.5 (5.60)	6	6	96 (244)	78 (198)	108 (445)	1758 (797)	3856 (1749)
496A	111 (335,664)	5 (3.73)	6	6	120 (305)	78 (198)	116 (295)	2123 (963)	4778 (2167)
496B	127 (384,048)	7.5 (5.60)	6	6	120 (305)	78 (198)	116 (295)	2123 (963)	4778 (2167)

## Large Capacity Metal Cooling Towers

Model ①	Capacity, tons (Kcal/hr) ②	Fan motor, hp (kW) ③	Water inlet dia., in.	Water outlet dia., in.	Length, in. (cm)	Width, in. (cm)	Height, in. (cm)	Ship. Weight, lbs. (kg)	Operating weight, lbs. (kg)
8302D	184 (556,416)	5 (3.73)	6	8	95 (241)	186 (472)	123 (312)	5261 (2386)	11,518 (5225)
8302E	204 (616,896)	10 (7.46)	6	8	95 (241)	186 (472)	123 (312)	5287 (2398)	11,544 (5236)
8302F	231 (698,544)	10 (7.46)	6	10	95 (241)	186 (472)	123 (312)	5381 (2441)	11,638 (5279)
8303F	259 (783,216)	15 (11.19)	6	10	95 (241)	186 (472)	144 (366)	5838 (2648)	12,095 (5486)
8303G	283 (855,792)	20 (14.92)	6	10	95 (241)	186 (472)	144 (366)	5899 (2676)	12,156 (5514)
8304E	310 (937,440)	15 (11.19)	6	10	107 (272)	204 (518)	156 (396)	6832 (3099)	14,507 (6580)
8304F	339 (1,025,136)	20 (14.92)	6	12	107 (272)	204 (518)	156 (396)	6893 (3127)	14,568 (6608)
8304G	362 (1,094,688)	25 (18.65)	6	12	107 (272)	204 (518)	156 (396)	6951 (3153)	14,626 (6634)
8305F	403 (1,218,672)	20 (14.92)	8	12	131 (333)	225 (572)	156 (396)	8730 (3960)	19,025 (8630)
8305G	31 (1,303,344)	25 (18.65)	8	12	131 (333)	225 (572)	156 (396)	8788 (3986)	19,083 (8656)
8305H	453 (1,369,872)	30 (22.38)	8	14	131 (333)	225 (572)	156 (396)	8850 (4014)	19,145 (8684)
8305J	501 (1,515,024)	40 (29.84)	8	14	131 (333)	225 (572)	156 (396)	9147 (4149)	19,442 (8819)
8306J	557 (1,684,368)	40 (29.84)	8	14	143 (363)	238 (605)	156 (396)	10,159 (4608)	21,972 (9966)
8307J	582 (1,759,968)	40 (29.84)	8	16	143 (363)	269 (684)	160 (407)	11,384 (5164)	26,442 (11,994)
8307K	622 (1,880,928)	50 (37.30)	8	16	143 (363)	269 (684)	160 (407)	11,666 (5292)	26,724 (12,122)
8307M	651 (1,968,624)	60 (44.76)	8	16	143 (363)	269 (684)	160 (407)	11,946 (5419)	27,004 (12,249)

① Model 490B has a side outlet. Models 492A through 496B have side or bottom outlets. All other models are bottom outlets.

② Tonnage is based on cooling 3 gpm per ton (1.563 lpm per 1,000 Kcal/hr) from 95° F to 85° F (35° C to 29° C) at a 78° F (26° C) wet bulb.

③ Motors are 230/460 VAC, 3-phase TEFC

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