

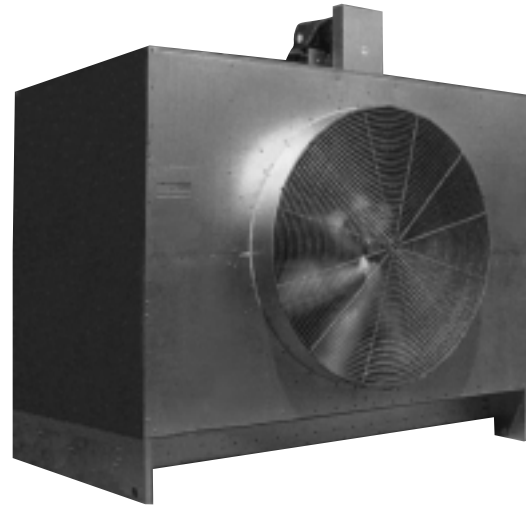
# M SERIES



## Metal Cooling Towers

### THE LATEST TECHNOLOGY FOR ENERGY-EFFICIENT, RELIABLE COOLING

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



#### Features

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

#### Options

- 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 Sterling arrives on site.
- Consult factory for availability of forced draft design towers and 208 V or 575 V applications

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### LARGE CAPACITY METAL COOLING TOWERS

Model	Capacity <sup>1</sup> , tons (Kcal/hr)	Fan motor <sup>2</sup> , hp (kW)	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 (11994)
8307K	622 (1,880,928)	50 (37.30)	8	16	143 (363)	269 (684)	160 (407)	11,666 (5292)	26,724 (12122)
8307M	651 (1,968,624)	60 (44.76)	8	16	143 (363)	269 (684)	160 (407)	11,946 (5419)	27,004 (12249)

1 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.

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