

MKT Series

Counter Flow Induced Draft



Counter Flow Induced Draft

MESAN is an ISO-9001 and 14001 certified company; our towers were the first ones in Hong Kong and China to obtain the CTI STD-201 performance certification, all of our products are ASHRAE-90.1-2010 compliant, a requisite towards LEED certification for Green Buildings by the USGBC (United States Green Building Council). All this confirms MESAN's constant pursuit of excellence and world-class quality.



MESAN USA strategically located at the center of the Americas continent, in Miami, Florida, USA, consolidates MESAN Group's global presence and reiterates its commitment to provide world-class products for an ever-expanding market.

meet and exceed all codes and standards applicable in this hemisphere.



The MKT Series is a cost-effective, induced-draft counter-flow cooling tower. Its bottle shape offers very little resistance to airflow which results in very low fan energy consumption, thus high efficiency. It also performs well regardless of the prevailing winds direction, because of its round shape.

The MKT Series is available in 34 models with capacities ranging from 22 gpm to 3668 gpm. Low Noise, Super Low Noise & Low Drift models are available to meet your requirements.

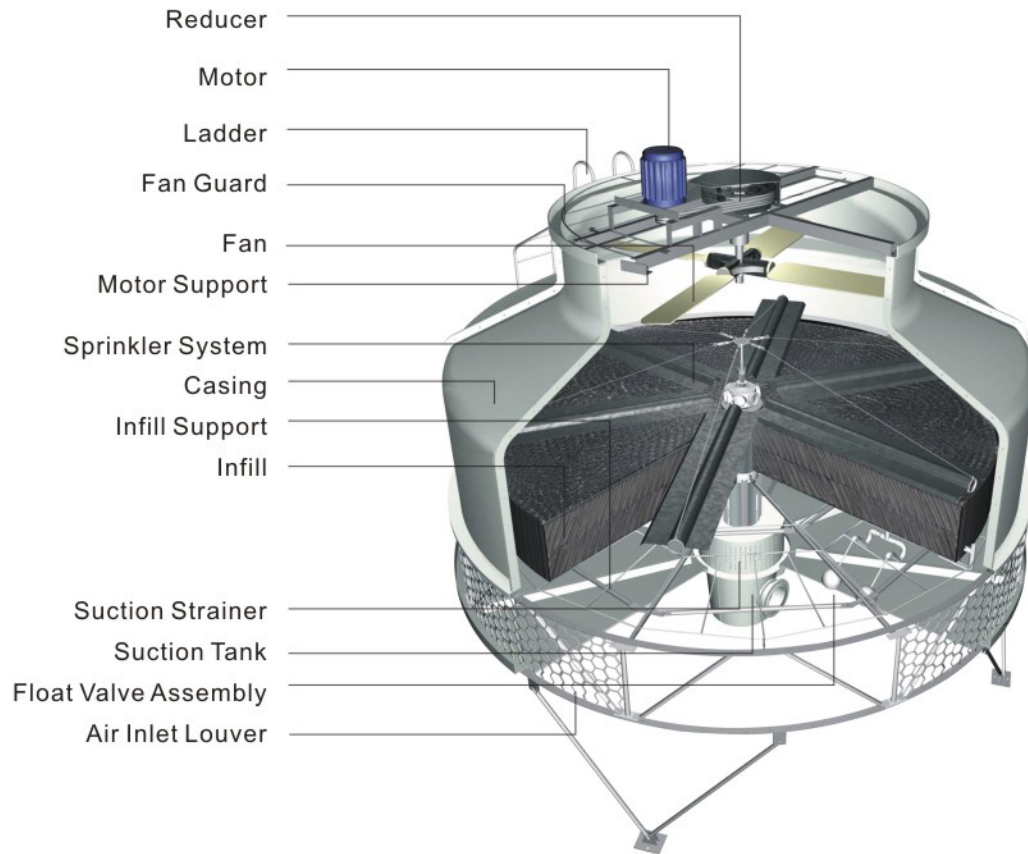


Trust MESAN with
your evaporative cooling needs.

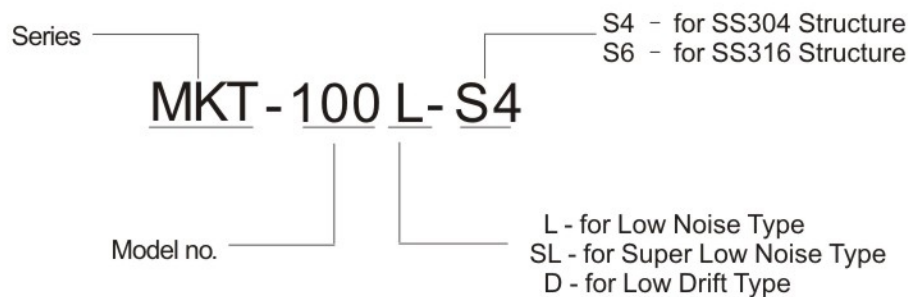
MKT Series

Counter Flow Induced Draft

Tower Structure



Model Designation





Components

Motor

TEAO type, IP55 enclosure, class F insulation, high efficiency, and low noise. Specially designed to operate within the high-humidity environment of a cooling tower.

Fan

High efficiency axial aluminum alloy fans with innovative low drag, aerodynamic airfoil blade design, adjustable pitch blades and low-noise.*

*Note: * Models MKT-6 to MKT-60 use ABS plastic fans.*

Reducer

5 HP and larger fans, are driven by low-noise v-belt reducers. Our reducers have very sturdy design with large diameter, high tensile strength shafts; NSK permanently lubricated sealed bearings, isolated from the airstream within a sealed enclosure. Multi-grooved V-belts are designed to withstand the rigors of the humid environment and ensure long and reliable operation.

FRP Components

Hand-laid fiberglass with E-glass chopped strand mat, unsaturated polyester resin and UV-resistant stabilized gel coat, combine to provide excellent corrosion resistance, structural integrity and long service life with minimum maintenance.

Structural Frame

Our structure made of heavy-gauge G235 hot-dipped galvanized steel or SS-304/316 stainless steel (optional) is designed for high-wind resistance and seismic rated for up to Richter scale 7.

Water Distribution

Designed for low water pressure drop, our rotary sprinkler system, efficiently and evenly distributes the water over the entire heat exchange surfaces, ensuring dependable thermal performance. Our unique brass sprinkler head, lasts for the life of the tower, compared to other brands' aluminum sprinkler heads that have to be replaced several times over the service life of the cooling tower.

Infill

MESAN's patented infill design, maximizes the contact surface, allowing for improved heat transfer between water and air, while offering the lowest resistance to air flow, for reduced pressure drop and lowest energy consumption. All our towers, even the largest units that must be shipped disassembled, come with factory-assembled infill, for reduced installation time and labor.

Air Inlet Screen

Made of corrosion-resistant PVC, the air inlet screen keeps airborne debris, and other foreign objects, from entering the water basin and getting sucked by the pump.

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Product Technical Data

MKT-6~25

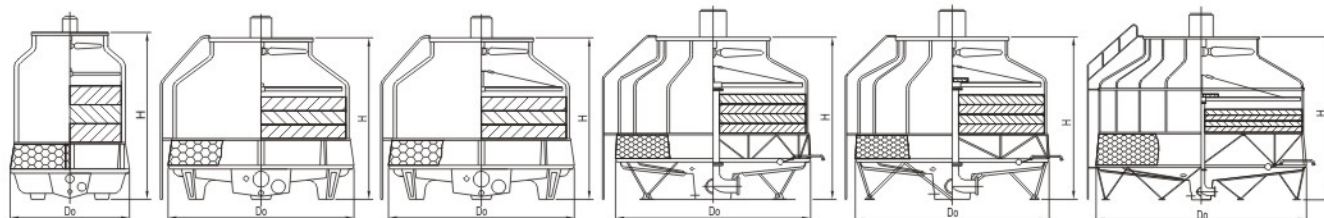
MKT-30~60

MKT-70~80

MKT-90~300

MKT-330~450

MKT-500~1000



| Model | Nominal Water Flow (GPM) | Dimension | | Fan Diameter | Motor (HP) | Air Flow (CFM) | Weight (LBS) | | Water Pressure Drop (PSI) |
|----------|--------------------------|--------------|--------------|--------------|------------|----------------|--------------|-----------|---------------------------|
| | | Do | H | | | | Dry | Operating | |
| MKT-6 | 22 | 3'-1/2" | 4'- 7" | 1'- 11" | 1/4 | 2707 | 106 | 265 | 3 |
| MKT-8 | 29 | 3'-1/2" | 5'- 4" | 1'- 11" | 1/4 | 2825 | 117 | 287 | 3 |
| MKT-10 | 37 | 3'-10 1/4" | 4'- 10 3/4" | 2'- 6" | 1/2 | 4120 | 143 | 419 | 3 |
| MKT-12 | 44 | 3'-10 1/4" | 5'- 10" | 2'- 6" | 1/2 | 4473 | 159 | 441 | 3 |
| MKT-16 | 59 | 4'-6 1/4" | 6'- 1/2" | 2'- 6" | 1/2 | 5297 | 174 | 463 | 3 |
| MKT-20 | 73 | 4'-6 1/4" | 6'- 10 3/4" | 2'- 6" | 3/4 | 6298 | 209 | 639 | 3 |
| MKT-25 | 92 | 5'-3 1/2" | 6'- 2 1/2" | 2'- 10 3/4" | 1 | 8888 | 273 | 1091 | 3 |
| MKT-30 | 110 | 5'-10" | 6'- 10 1/4" | 2'- 10 3/4" | 1 | 10653 | 331 | 1356 | 3 |
| MKT-35 | 128 | 6'-1 1/2" | 6'- 9 1/2" | 2'- 10 3/4" | 1 1/2 | 12419 | 419 | 1620 | 4 |
| MKT-40 | 147 | 6'-1 1/2" | 6'- 9 1/2" | 3'- 10 1/2" | 2 | 14185 | 463 | 1664 | 4 |
| MKT-50 | 183 | 6'-10 3/4" | 7'- 6" | 3'- 10 1/2" | 2 | 17775 | 595 | 2138 | 4 |
| MKT-60 | 220 | 6'-10 3/4" | 7'- 6" | 3'- 10 1/2" | 3 | 18835 | 683 | 2249 | 4 |
| MKT-70 | 257 | 8'-1/2" | 7'- 8 1/2" | 4'- 9 3/4" | 3 | 24838 | 739 | 2513 | 4 |
| MKT-80 | 293 | 8'-1/2" | 9'- 1/4" | 4'- 9 3/4" | 3 | 25074 | 772 | 2568 | 4 |
| MKT-90 | 330 | 9'-8 1/4" | 8'- 7 3/4" | 4'- 9 3/4" | 5 | 31960 | 1157 | 3549 | 4 |
| MKT-100 | 367 | 9'-8 1/4" | 9'- 4 1/2" | 4'- 9 3/4" | 5 | 32961 | 1279 | 3715 | 4 |
| MKT-125 | 459 | 10'-10 3/4" | 9'- 1/4" | 5'- 10" | 5 | 44438 | 1609 | 4553 | 4 |
| MKT-150 | 550 | 12'-1 3/4" | 11'- 2 3/4" | 5'- 10" | 5 | 47145 | 2271 | 6173 | 4 |
| MKT-175 | 642 | 13'-5 1/2" | 11'- 7" | 7'- 9" | 7 1/2 | 62154 | 2866 | 7220 | 4 |
| MKT-200 | 734 | 13'-5 1/2" | 11'- 7" | 7'- 9" | 7 1/2 | 69453 | 3020 | 7485 | 4 |
| MKT-225 | 825 | 14'-5-1/4" | 11'- 10 1/2" | 7'- 9" | 7 1/2 | 70630 | 3285 | 9215 | 4 |
| MKT-250 | 917 | 14'-5-1/4" | 12'- 2 1/2" | 7'- 9" | 10 | 78576 | 3527 | 9557 | 4 |
| MKT-275 | 1009 | 15'-11 1/4" | 13'- 4 1/4" | 7'- 9" | 10 | 86404 | 4034 | 11729 | 6 |
| MKT-300 | 1100 | 15'-11 1/4" | 12'- 1 3/4" | 9'- 7 3/4" | 10 | 94173 | 4079 | 11773 | 6 |
| MKT-330 | 1211 | 18'-1 1/4" | 14'- 2 1/2" | 9'- 7 3/4" | 15 | 117128 | 5159 | 16248 | 6 |
| MKT-370 | 1357 | 18'-1 1/4" | 14'- 2 1/2" | 9'- 7 3/4" | 15 | 117716 | 5512 | 16755 | 6 |
| MKT-400 | 1467 | 19'-6 3/4" | 15'- 9" | 10'- 11" | 15 | 142142 | 6724 | 19621 | 6 |
| MKT-450 | 1651 | 19'-6 3/4" | 15'- 9" | 10'- 11" | 20 | 146263 | 7187 | 20260 | 6 |
| MKT-500 | 1834 | 21'-7 3/4" | 15'- 8 1/4" | 10'- 11" | 20 | 177634 | 8444 | 26896 | 7 |
| MKT-600 | 2201 | 21'-7 3/4" | 17'- 5" | 11'- 11" | 25 | 188640 | 9425 | 28098 | 7 |
| MKT-700 | 2568 | 24'- 11 1/4" | 18'- 9 1/2" | 11'- 11" | 30 | 220012 | 12500 | 39584 | 7 |
| MKT-800 | 2935 | 26'-7" | 20'- 2 1/4" | 13'- 9 1/4" | 30 | 251619 | 14639 | 39595 | 9 |
| MKT-900 | 3301 | 28'-10 1/2" | 19'- 11 3/4" | 16'- 4 3/4" | 30 | 319894 | 18739 | 48127 | 9 |
| MKT-1000 | 3668 | 28'-10 1/2" | 19'- 11 3/4" | 16'- 4 3/4" | 40 | 323720 | 18960 | 48325 | 9 |

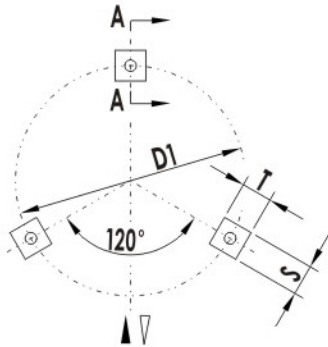
1. Nominal water flow is defined as rate of water cooled from 95°F to 85°F with 78°F wet bulb temperature.

2. Specifications are subject to change without prior notice.

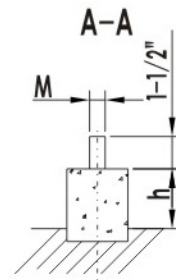
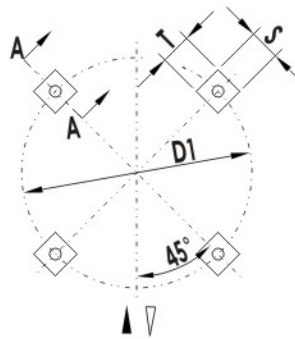


Foundation

MKT-6~20



MKT-25~80

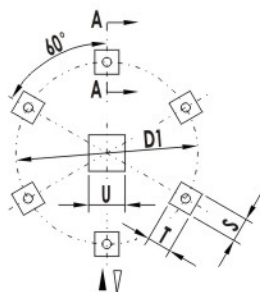


| Model | D1 | S | T | M | h |
|--------|-------------|---------|---------|------|----|
| MKT-6 | 1'- 11 1/2" | 9 3/4" | 9 3/4" | 3/8" | 1' |
| MKT-8 | 1'- 11 1/2" | 9 3/4" | 9 3/4" | 3/8" | 1' |
| MKT-10 | 2'- 10 1/2" | 9 3/4" | 9 3/4" | 3/8" | 1' |
| MKT-12 | 2'- 10 1/2" | 9 3/4" | 9 3/4" | 3/8" | 1' |
| MKT-16 | 3'- 5 3/4" | 9 3/4" | 9 3/4" | 3/8" | 1' |
| MKT-20 | 3'- 5 3/4" | 9 3/4" | 9 3/4" | 3/8" | 1' |
| MKT-25 | 4'- 2 1/4" | 9 3/4" | 9 3/4" | 3/8" | 1' |
| MKT-30 | 4'- 8 1/4" | 9 3/4" | 9 3/4" | 3/8" | 1' |
| MKT-35 | 4'- 11 1/4" | 9 3/4" | 9 3/4" | 3/8" | 1' |
| MKT-40 | 4'- 11 1/4" | 9 3/4" | 9 3/4" | 3/8" | 1' |
| MKT-50 | 5'- 7 1/2" | 9 3/4" | 9 3/4" | 3/8" | 1' |
| MKT-60 | 5'- 7 1/2" | 9 3/4" | 9 3/4" | 3/8" | 1' |
| MKT-70 | 6'- 4 3/4" | 9 3/4" | 9 3/4" | 3/8" | 1' |
| MKT-80 | 6'- 4 3/4" | 11 3/4" | 11 3/4" | 3/8" | 1' |

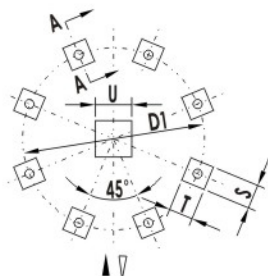
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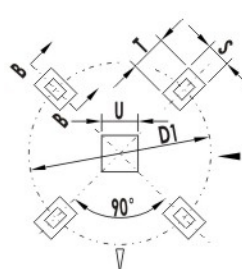
MKT-90~100



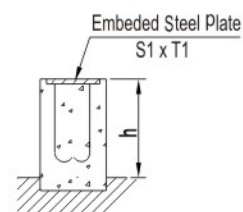
MKT-125



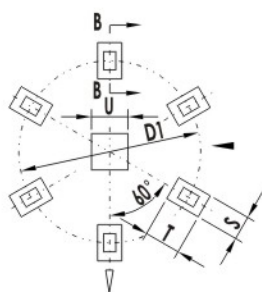
MKT-150~300



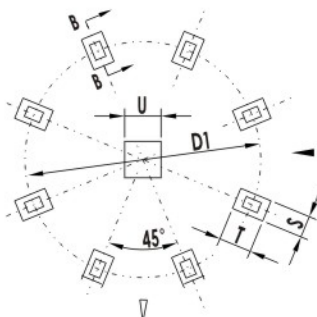
B-B



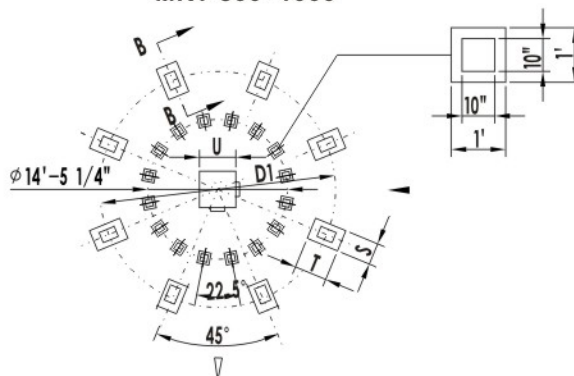
MKT-330~450



MKT-500~700



MKT-800~1000

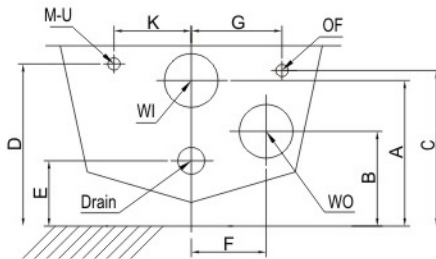


| Model | D1 | U | S | T | S1×T1 | h |
|----------|-------------|-------------|-------------|-------------|------------------|--------|
| MKT-90 | 9'- 2 3/4" | 1'- 11 1/2" | 11 3/4" | 11 3/4" | 8"×8" | 1' |
| MKT-100 | 9'- 2 3/4" | 1'- 11 1/2" | 11 3/4" | 11 3/4" | 8"×8" | 1' |
| MKT-125 | 10'- 6 1/2" | 1'- 11 1/2" | 11 3/4" | 11 3/4" | 8"×8" | 1' |
| MKT-150 | 11'- 8 1/2" | 1'- 11 1/2" | 11 3/4" | 1'- 3 3/4" | 8"×11 3/4" | 1' |
| MKT-175 | 13'- 1 1/2" | 1'- 11 1/2" | 11 3/4" | 1'- 3 3/4" | 8"×11 3/4" | 1' |
| MKT-200 | 13'- 1 1/2" | 1'- 11 1/2" | 11 3/4" | 1'- 3 3/4" | 8"×11 3/4" | 1' |
| MKT-225 | 14'- 1 1/4" | 1'- 11 1/2" | 11 3/4" | 1'- 3 3/4" | 8"×11 3/4" | 1' |
| MKT-250 | 14'- 1 1/4" | 1'- 11 1/2" | 11 3/4" | 1'- 3 3/4" | 8"×11 3/4" | 1' |
| MKT-275 | 15'- 5" | 1'- 11 1/2" | 11 3/4" | 1'- 3 3/4" | 8"×11 3/4" | 1' |
| MKT-300 | 15'- 5" | 1'- 11 1/2" | 11 3/4" | 1'- 3 3/4" | 8"×11 3/4" | 1' |
| MKT-330 | 17'- 4 3/4" | 1'- 11 1/2" | 11 3/4" | 1'- 3 3/4" | 8"×11 3/4" | 1' |
| MKT-370 | 17'- 4 3/4" | 1'- 11 1/2" | 11 3/4" | 1'- 3 3/4" | 8"×11 3/4" | 1' |
| MKT-400 | 19'- 1/4" | 1'- 11 1/2" | 11 3/4" | 1'- 3 3/4" | 8"×11 3/4" | 1' |
| MKT-450 | 19'- 1/4" | 1'- 11 1/2" | 11 3/4" | 1'- 3 3/4" | 8"×11 3/4" | 1' |
| MKT-500 | 21'- 4" | 2'- 7 1/2" | 1'- 7 3/4" | 1'- 11 1/2" | 11 3/4"× 11 3/4" | 1' |
| MKT-600 | 21'- 4" | 2'- 7 1/2" | 1'- 7 3/4" | 1'- 11 1/2" | 11 3/4"× 11 3/4" | 1' |
| MKT-700 | 24'- 7 1/4" | 2'- 7 1/2" | 1'- 7 3/4" | 1'- 11 1/2" | 11 3/4"× 11 3/4" | 1' |
| MKT-800 | 26'- 3" | 2'- 7 1/2" | 1'- 11 1/2" | 2'- 3 1/2" | 11 3/4"× 11 3/4" | 1'- 4" |
| MKT-900 | 28'- 6 1/2" | 2'- 7 1/2" | 1'- 11 1/2" | 2'- 3 1/2" | 11 3/4"× 11 3/4" | 1'- 4" |
| MKT-1000 | 28'- 6 1/2" | 2'- 7 1/2" | 1'- 11 1/2" | 2'- 3 1/2" | 11 3/4"× 11 3/4" | 1'- 4" |

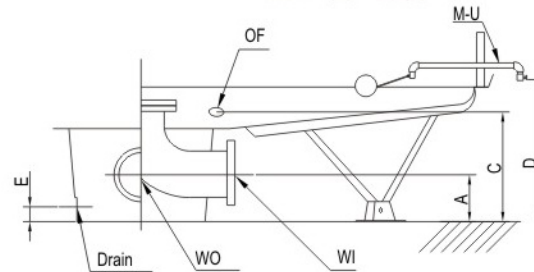


Piping Connections

MKT-6~80



MKT-90~1000



| Model | Piping Connection | | | | | | Dimension | | | | | | | | |
|----------|-------------------|--------|--------|--------|------|----|-----------|---------|------------|-----------|--------|--------|--------|--------|--|
| | WI | WO | OF | Drain | M-U | OF | A | B | C | D | E | F | G | K | |
| MKT-6 | 1 1/2" | 1 1/2" | 1" | 1" | 1/2" | — | 8 1/4" | 4 1/4" | 8 1/2" | 8 3/4" | 3 1/4" | 3 1/2" | 4 3/4" | 4" | |
| MKT-8 | 1 1/2" | 1 1/2" | 1" | 1" | 1/2" | — | 8 1/4" | 4 1/4" | 8 1/2" | 8 3/4" | 3 1/4" | 3 1/2" | 4 3/4" | 4" | |
| MKT-10 | 2" | 2" | 1" | 1" | 1/2" | — | 8 3/4" | 5" | 9 1/4" | 9 3/4" | 3 1/2" | 4 1/4" | 5" | 5 3/4" | |
| MKT-12 | 2" | 2" | 1" | 1" | 1/2" | — | 8 3/4" | 5" | 9 1/4" | 9 3/4" | 3 1/2" | 4 1/4" | 5" | 5 3/4" | |
| MKT-16 | 2" | 2" | 1" | 1" | 1/2" | — | 8 3/4" | 6" | 10 3/4" | 10 3/4" | 3 1/2" | 4 1/2" | 6" | 7" | |
| MKT-20 | 2" | 2" | 1" | 1" | 1/2" | — | 8 3/4" | 6" | 10 3/4" | 10 3/4" | 3 1/2" | 4 1/2" | 6" | 7" | |
| MKT-25 | 3" | 3" | 1" | 1" | 1/2" | — | 9 3/4" | 5 3/4" | 11 1/2" | 1'-3/4" | 3 1/2" | 5" | 6 1/4" | 5 3/4" | |
| MKT-30 | 3" | 3" | 1" | 1" | 1/2" | — | 11 1/2" | 5 1/2" | 1'-1/4" | 1'-1 1/2" | 3 1/4" | 6" | 6" | 6" | |
| MKT-35 | 3" | 3" | 1" | 1" | 3/4" | — | 11" | 6 1/4" | 1'-1/2" | 1'-3/4" | 3 1/4" | 6" | 6" | 6 3/4" | |
| MKT-40 | 3" | 3" | 1" | 1" | 3/4" | — | 11" | 6 1/4" | 1'-1/2" | 1'-3/4" | 3 1/4" | 6" | 6" | 6 3/4" | |
| MKT-50 | 4" | 4" | 1 1/2" | 1" | 3/4" | — | 9 3/4" | 7" | 1' | 1'-3 1/4" | 4" | 6 1/4" | 7" | 7 1/2" | |
| MKT-60 | 4" | 4" | 1 1/2" | 1" | 3/4" | — | 9 3/4" | 7" | 1' | 1'-3 1/4" | 4" | 6 1/4" | 7" | 7 1/2" | |
| MKT-70 | 4" | 4" | 1 1/2" | 1" | 3/4" | — | 1' 1/4" | 10 3/4" | 1'-5 1/4" | 1'-5 1/2" | 5 3/4" | 7" | 7 3/4" | 8 3/4" | |
| MKT-80 | 4" | 4" | 1 1/2" | 1" | 3/4" | — | 1' 1/4" | 10 3/4" | 1'-5 1/4" | 1'-5 1/2" | 5 3/4" | 7" | 7 3/4" | 8 3/4" | |
| MKT-90 | 6" | 6" | 1 1/2" | 1 1/2" | 1" | — | 6" | 6" | 11" | 2'-3 1/2" | 2 1/4" | — | — | — | |
| MKT-100 | 6" | 6" | 1 1/2" | 1 1/2" | 1" | — | 6" | 6" | 11" | 2'-3 1/2" | 2 1/4" | — | — | — | |
| MKT-125 | 6" | 6" | 1 1/2" | 1 1/2" | 1" | 1" | 6" | 6" | 11" | 2'-5 1/2" | 2 1/4" | — | — | — | |
| MKT-150 | 6" | 6" | 2" | 1 1/2" | 1" | 1" | 9-1/2" | 9-1/2" | 1'-9 3/4" | 3'-3" | 2 1/4" | — | — | — | |
| MKT-175 | 6" | 6" | 3" | 1 1/2" | 1" | 1" | 1'-1" | 1'-1" | 2'-1/2" | 3'-4 1/2" | 2 1/4" | — | — | — | |
| MKT-200 | 8" | 8" | 3" | 1 1/2" | 1" | 1" | 9-1/2" | 9-1/2" | 2'-1/2" | 3'-4 1/2" | 2 1/4" | — | — | — | |
| MKT-225 | 8" | 8" | 3" | 1 1/2" | 1" | 1" | 9-1/2" | 9-1/2" | 2'-1/2" | 3'-6 1/4" | 2 1/4" | — | — | — | |
| MKT-250 | 8" | 8" | 3" | 1 1/2" | 1" | 1" | 9-1/2" | 9-1/2" | 2'-1/2" | 3'-6 1/4" | 2 1/4" | — | — | — | |
| MKT-275 | 8" | 8" | 3" | 1 1/2" | 1" | 1" | 9-1/2" | 9-1/2" | 2'-1/2" | 3'-7 1/4" | 2 1/4" | — | — | — | |
| MKT-300 | 8" | 8" | 3" | 1 1/2" | 1" | 1" | 9-1/2" | 9-1/2" | 2'-1/2" | 3'-7 1/4" | 2 1/4" | — | — | — | |
| MKT-330 | 10" | 10" | 4" | 2" | 2" | 2" | 9-1/2" | 9-1/2" | 2'-1/2" | 4'-3 1/4" | 4" | — | — | — | |
| MKT-370 | 10" | 10" | 4" | 2" | 2" | 2" | 9-1/2" | 9-1/2" | 2'-1/2" | 4'-3 1/4" | 4" | — | — | — | |
| MKT-400 | 10" | 10" | 4" | 2" | 2" | 2" | 9-1/2" | 9-1/2" | 2'-1/2" | 4'-4" | 4" | — | — | — | |
| MKT-450 | 10" | 10" | 4" | 2" | 2" | 2" | 9-1/2" | 9-1/2" | 2'-1/2" | 4'-4" | 4" | — | — | — | |
| MKT-500 | 10" | 10" | 4" | 3" | 2" | 2" | 9-1/2" | 9-1/2" | 2'-4 1/4" | 4'-6 1/4" | 4" | — | — | — | |
| MKT-600 | 10" | 10" | 4" | 3" | 2" | 2" | 9-1/2" | 9-1/2" | 2'-4 1/4" | 4'-6 1/4" | 4" | — | — | — | |
| MKT-700 | 12" | 12" | 4" | 3" | 2" | 2" | 1'-1/4" | 1'-1/4" | 2'-11 1/2" | 5'-1 1/2" | 4" | — | — | — | |
| MKT-800 | 14" | 14" | 4" | 3" | 2" | 2" | 1'-1/4" | 1'-1/4" | 2'-11 1/2" | 5'-1 1/2" | 4" | — | — | — | |
| MKT-900 | 14" | 14" | 4" | 3" | 2" | 2" | 1'-1/4" | 1'-1/4" | 2'-11 1/2" | 5'-4 1/4" | 4" | — | — | — | |
| MKT-1000 | 14" | 14" | 4" | 3" | 2" | 2" | 1'-1/4" | 1'-1/4" | 2'-11 1/2" | 5'-4 1/4" | 4" | — | — | — | |

MKT Series

Counter Flow Induced Draft

Options And Accessories

MESAN offers a broad range of options and accessories, designed to enhance the cooling towers performance, extend their service life, or reduce maintenance and down time.

Stainless Steel Structure and Hardware

Corrosion-resistance structure and hardware, greatly extends the life of any cooling tower, MESAN offers SS-304 & SS-316 for this option.

External Service Platform

OSHA-compliant, and designed for 50 psf or 200 lbs of concentrated live load, our service platforms, provide a safe and stable surface, for the maintenance personnel to perform routine maintenance tasks on our units.

Discharge Sound Attenuator

For noise-sensitive applications, we offer discharge sound attenuators as an extension for the fan cylinder.

Basin Heater

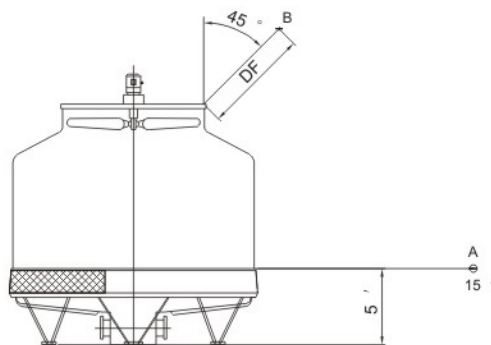
For cold climate areas to prevent freezing, we offer electric basin heaters.

Electrical Panels

Constant and variable speed configurations, UL-listed, NEMA-1 and NEMA-3R, standard and custom-made electrical panels are also available.



Sound Pressure Of Cooling Tower



Note:

The accuracy of the measuring value is ± 3 dB(A).

Remarks:

1. Distance "DF" is fan diameter.
2. These values are based on a semi-hemispherical field, and do not consider the effect of walls or any surrounding structures.

| Tower Model | MKT-6 | | MKT-8 | | MKT-10 | | MKT-12 | | MKT-16 | | MKT-20 | | MKT-25 | | MKT-30 | | MKT-35 | |
|------------------------|---------|----|---------|----|---------|------|---------|----|---------|------|---------|----|----------|----|---------|------|---------|------|
| Test Point (Feet) | A | B | A | B | A | B | A | B | A | B | A | B | A | B | A | B | A | B |
| Sound Pressure (dBA) | 46 | 60 | 46 | 60 | 48 | 62 | 48 | 62 | 49 | 62.5 | 50 | 63 | 51 | 65 | 52 | 65.5 | 53 | 67 |
| Tower Model | MKT-40 | | MKT-50 | | MKT-60 | | MKT-70 | | MKT-80 | | MKT-90 | | MKT-100 | | MKT-125 | | MKT-150 | |
| Test Point (Feet) | A | B | A | B | A | B | A | B | A | B | A | B | A | B | A | B | A | B |
| Sound Pressure (dBA) | 53 | 67 | 54 | 67 | 55 | 69 | 56 | 69 | 57 | 69.5 | 58 | 70 | 58 | 70 | 59 | 70.5 | 60 | 70.5 |
| Tower Model | MKT-175 | | MKT-200 | | MKT-225 | | MKT-250 | | MKT-275 | | MKT-300 | | MKT-330 | | MKT-370 | | MKT-400 | |
| Test Point (Feet) | A | B | A | B | A | B | A | B | A | B | A | B | A | B | A | B | A | B |
| Sound Pressure (dBA) | 60 | 71 | 61 | 71 | 62 | 71.5 | 62 | 72 | 63 | 73 | 63 | 73 | 64 | 73 | 64 | 73 | 65 | 74 |
| Tower Model | MKT-450 | | MKT-500 | | MKT-600 | | MKT-700 | | MKT-800 | | MKT-900 | | MKT-1000 | | | | | |
| Test Point (Feet) | A | B | A | B | A | B | A | B | A | B | A | B | A | B | | | | |
| Sound Pressure (dBA) | 65 | 74 | 66 | 74 | 66 | 75 | 67 | 75 | 68 | 76 | 69 | 77 | 70 | 77 | | | | |

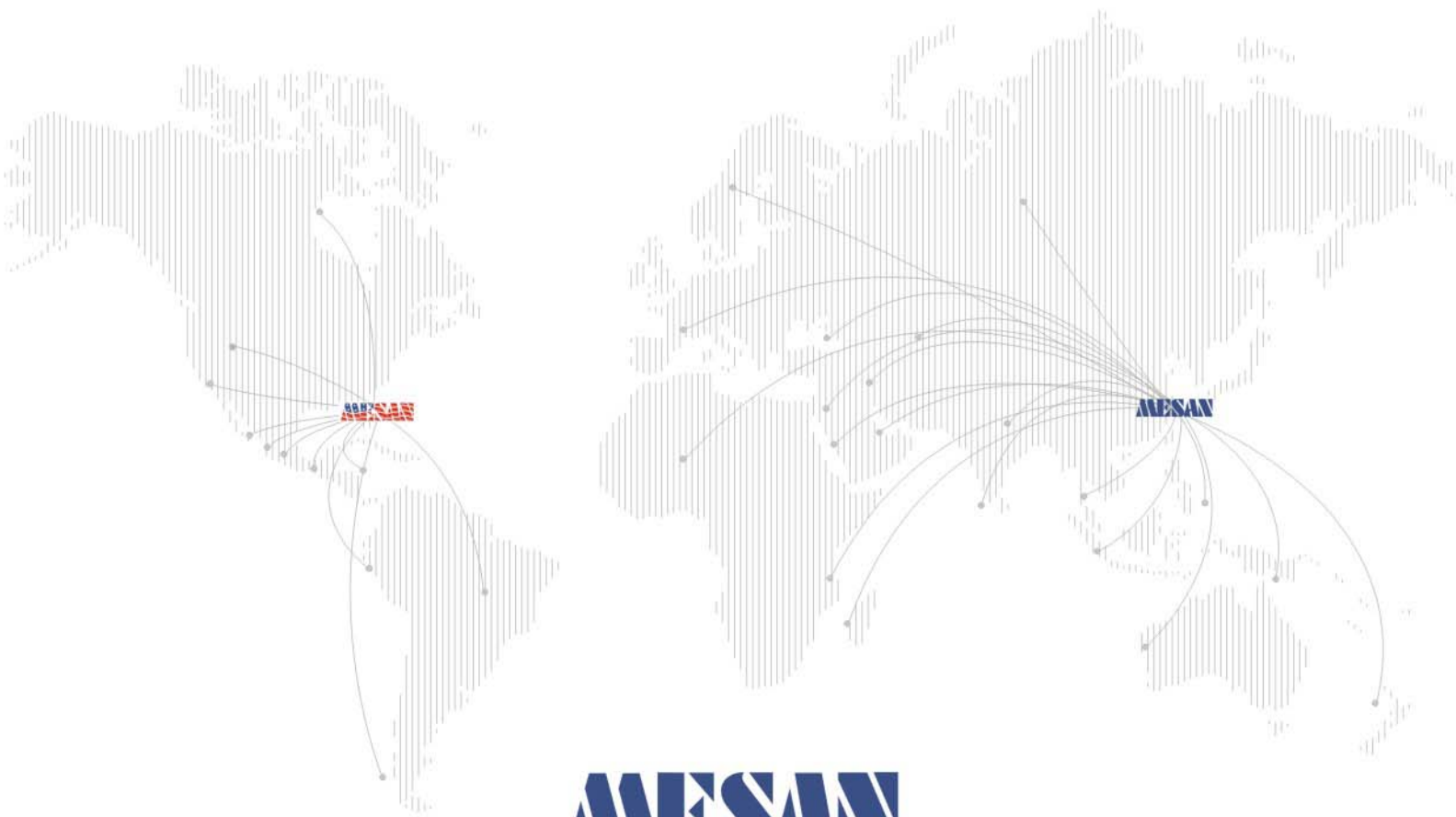


Selection Table

| Model | 95 | | | | | | |
|----------|------|------|------|------|------|------|------|
| | 85 | | | | | | |
| | 80 | 79 | 78 | 77 | 76 | 75 | 74 |
| MKT-6 | 18 | 20 | 22 | 24 | 26 | 27 | 29 |
| MKT-8 | 24 | 27 | 29 | 32 | 34 | 36 | 39 |
| MKT-10 | 30 | 33 | 37 | 40 | 43 | 44 | 48 |
| MKT-12 | 36 | 40 | 44 | 48 | 51 | 53 | 58 |
| MKT-16 | 48 | 53 | 59 | 64 | 68 | 71 | 77 |
| MKT-20 | 60 | 67 | 73 | 79 | 85 | 89 | 96 |
| MKT-25 | 75 | 83 | 92 | 99 | 107 | 111 | 120 |
| MKT-30 | 90 | 100 | 110 | 119 | 128 | 133 | 145 |
| MKT-35 | 105 | 116 | 128 | 139 | 149 | 155 | 169 |
| MKT-40 | 120 | 133 | 147 | 159 | 170 | 178 | 193 |
| MKT-50 | 150 | 166 | 183 | 199 | 213 | 222 | 241 |
| MKT-60 | 180 | 200 | 220 | 238 | 256 | 267 | 289 |
| MKT-70 | 210 | 233 | 257 | 278 | 298 | 311 | 337 |
| MKT-80 | 240 | 266 | 293 | 318 | 341 | 355 | 385 |
| MKT-90 | 269 | 299 | 330 | 357 | 384 | 400 | 434 |
| MKT-100 | 299 | 333 | 367 | 397 | 426 | 444 | 482 |
| MKT-125 | 374 | 416 | 459 | 496 | 533 | 555 | 602 |
| MKT-150 | 449 | 499 | 550 | 596 | 639 | 666 | 723 |
| MKT-175 | 524 | 582 | 642 | 695 | 746 | 777 | 843 |
| MKT-200 | 599 | 665 | 734 | 794 | 852 | 888 | 963 |
| MKT-225 | 674 | 749 | 825 | 894 | 959 | 999 | 1084 |
| MKT-250 | 749 | 832 | 917 | 993 | 1066 | 1111 | 1204 |
| MKT-275 | 823 | 915 | 1009 | 1092 | 1172 | 1222 | 1325 |
| MKT-300 | 898 | 998 | 1100 | 1191 | 1279 | 1333 | 1445 |
| MKT-330 | 988 | 1098 | 1211 | 1311 | 1407 | 1466 | 1590 |
| MKT-370 | 1108 | 1231 | 1357 | 1470 | 1577 | 1644 | 1782 |
| MKT-400 | 1198 | 1331 | 1467 | 1589 | 1705 | 1777 | 1927 |
| MKT-450 | 1347 | 1497 | 1651 | 1787 | 1918 | 1999 | 2168 |
| MKT-500 | 1497 | 1664 | 1834 | 1986 | 2131 | 2221 | 2409 |
| MKT-600 | 1797 | 1996 | 2201 | 2383 | 2557 | 2665 | 2890 |
| MKT-700 | 2096 | 2329 | 2568 | 2780 | 2984 | 3109 | 3372 |
| MKT-800 | 2395 | 2662 | 2935 | 3177 | 3410 | 3554 | 3854 |
| MKT-900 | 2695 | 2994 | 3301 | 3574 | 3836 | 3998 | 4336 |
| MKT-1000 | 2994 | 3327 | 3668 | 3972 | 4262 | 4442 | 4817 |

Note:

1. The tower water flow rate is defined in gpm and the temperature is defined in °F.
2. These are estimated nominal capacities and for more accurate sizing we encourage customers to use our tower sizing software.
3. Satisfactory performance of the cooling tower is based on precise selection, proper system design and the installation in a clean and well-ventilated location.



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- One year warranty under normal operation.
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