

Project Name: MESAN USA
 File Number:
 Selected By: Xin
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Cooling Tower Data

| | | | |
|-----------------------|--|---------------------------|--------------|
| Series: | MXR-KM Cross Flow, L type | CTI Certification: | 08-26-03(R2) |
| Model: | MXR-KM-B2-11 | Fan Motor Pole No.: | 4 p |
| Cell(s) Per Set: | 1 | Fan Motor Power Per Cell: | 15.0 hp |
| Fan Type: | Axial | Fan Motor Power Total: | 15.0 hp |
| Fan Diameter: | 70" | Electrical (V/Ph/Hz): | 460/3/60 |
| Fans Per Cell: | 1 | Air Flow Per Cell: | 75152 cfm |
| Water Pressure Drop: | 20.1 ft | Air Flow Total: | 75152 cfm |
| Sound Pressure Level: | 77.3 dBA(Single Cell) @15 ft from Air Inlet Face | | |

Performance Data

| | | | |
|---------------------------|----------------|--------------------------|------------------|
| Water Flow Rate Per set : | 470gpm~612 gpm | Evaporation Loss: | 0.927 % |
| Entering Water Temp.: | 95°F | Drift Loss: | ≤ 0.005 % |
| Leaving Water Temp.: | 85°F | Make-up Water: | ≤ 1.5 % |
| Ambient Wet Bulb Temp: | 78°F | Heat Rejection Capacity: | 2352MBH~3063 MBH |
| Range: | 10°F | Capability: | 100%~130% |
| Approach: | 7°F | | |

Physical Data

| | Per Set | | Total Per Set |
|---------|------------|-------------------|---------------|
| Length: | 7'-5 3/4" | Dry Weight: | 7056 lb |
| Width: | 13'-11" | Operating Weight: | 9173 lb |
| Height: | 12'-7 1/2" | | |

Note: Weights and dimensions do not include options.

Drive System

Drive Type: Belt Drive

Pipe Connection Size Per Cell

| | | | |
|--------------|----|-----------|--------|
| Inlet Pipe: | 6" | Overflow: | 2" |
| Outlet Pipe: | 6" | Drain: | 1 1/2" |
| Make-Up: | 1" | | |

Materials of Construction

| | | | |
|-------------|-----|-------------|-----------------|
| Casing: | FRP | Fill: | PVC |
| Cold Basin: | FRP | Structure: | HDGS |
| Hot Basin: | FRP | Ladder: | HDGS |
| Fan Deck: | FRP | Fastener: | Dacromet Coated |
| Fan Stack: | FRP | Fan Blades: | Aluminum |

Optional Items

Drift Eliminator: PVC