

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-F2-18.5	Fan Motor Pole No.:	6 p
Cell(s) Per Set:	1	Fan Motor Power Per Cell:	25.0 hp
Fan Type:	Axial	Fan Motor Power Total:	25.0 hp
Fan Diameter:	116"	Electrical (V/Ph/Hz):	460/3/60
Fans Per Cell:	1	Air Flow Per Cell:	158039 cfm
Water Pressure Drop:	23.4 ft	Air Flow Total:	158039 cfm
Sound Pressure Level:	79.5 dBA(Single Cell) @15 ft from Air Inlet Face		

Performance Data

Water Flow Rate Per set :	1059gpm~1200 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:	80°F	Heat Rejection Capacity:	5300MBH~6012 MBH
Range:	10°F	Capability:	100%~113%
Approach:	5°F		

Physical Data

	Per Set		Total Per Set
Length:	11'-7"	Dry Weight:	13010 lb
Width:	17'-11 3/4"	Operating Weight:	16912 lb
Height:	18'-0 1/4"		

Note: Weights and dimensions do not include options.

Drive System

Drive Type: Belt Drive

Pipe Connection Size Per Cell

Inlet Pipe:	6"x2	Overflow:	3"
Outlet Pipe:	10"	Drain:	2"
Make-Up:	1 1/2"		

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