Project Name: MESAN USA
File Number:
Selected By: Xin
Date: 6/27/2012

MESAN USA - 3620 NW 115th Ave., Doral, Fl 33178
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Cooling Tower Data			
Series:	MKT Counter Flow		
Model:	MKT-70	Fan Motor Pole No.:	8 p
Cell(s) Per Set:	1	Fan Motor Power Per Cell:	3.0 hp
Fan Type:	Axial	Fan Motor Power Total:	3.0 hp
Fan Diameter:	58"	Electrical (V/Ph/Hz):	460/3/60
Fans Per Cell:	1	Air Flow Per Cell:	24839 cfm
Water Pressure Drop:	8.4 ft	Air Flow Total:	24839 cfm
Sound Pressure Level:	62.4 dBA(Single Cell) @15 ft from Air Inlet Face		
Performance Data			
Water Flow Rate Per set :	185gpm~209 gpm	Evaporation Loss:	0.927 %
Entering Water Temp.:	95°F	Drift Loss:	≤ 0.01 %
Leaving Water Temp.:	85°F	Make-up Water:	≤ 1.5 %
Ambient Wet Bulb Temp:	80°F	Heat Rejection Capacity:	926MBH~1047 MBH
Range:	10°F		
Approach:	5°F		
Physical Data			
	Per Set		**Total Per Set**
Diameter:	8'-0 1/2"	Dry Weight:	739 lb
Height:	7'-8 1/2"	Operating Weight:	2514 lb
Note: Weights and dimensions do not include options.			
Drive System			
Drive Type:	Direct Drive		
Pipe Connection Size Per Cell			
Inlet Pipe:	4"	Overflow:	1 1/2"
Outlet Pipe:	4"	Drain:	1"
Make-Up:	3/4"		
Materials of Construction			
Casing:	FRP	Fill:	PVC
Cold Basin:	FRP	Structure:	HDGS
Fan Stack:	FRP	Ladder:	HDGS
Fan Blades:	Aluminum	Fastener:	Dacromet Coated

Notes: The tower selection & performance are based on a well-ventilated condition and single set design. For multiple-set jobs or in unfavorable conditions, please contact our engineering department for assistance with the towers layout.