

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

Series:	MKT Counter Flow		
Model:	MKT-125	Fan Motor Pole No.:	4 p
Cell(s) Per Set:	1	Fan Motor Power Per Cell:	5 hp
Fan Type:	Axial	Fan Motor Power Total:	5 hp
Fan Diameter:	70"	Electrical (V/Ph/Hz):	460/3/60
Fans Per Cell:	1	Air Flow Per Cell:	44439 cfm
Water Pressure Drop:	10 ft	Air Flow Total:	44439 cfm
Sound Pressure Level:	65.4 dBA(Single Cell) @ 15 ft from Air Inlet Face		

### Performance Data

Water Flow Rate Per set :	330 gpm~458 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:	78°F	Heat Rejection Capacity:	1652 MBH~2292 MBH
Range:	10°F		
Approach:	7°F		

### Physical Data

	Per Set		Total Per Set
Diameter:	10'-10 3/4"	Dry Weight:	1610 lb
Height:	9'-0 1/4"	Operating Weight:	4553 lb

*Note: Weights and dimensions do not include options.*

### Drive System

Drive Type: Belt Drive

### Pipe Connection Size Per Cell

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

### Materials of Construction

Casing:	FRP	Fill:	PVC
Basin:	FRP	Structure:	HDGS
Fan Stack:	FRP	Ladder:	HDGS
Fan Blades:	Aluminum	Fastener:	Dacromet Coated

### Optional Items

Flange: ANSI