

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



MESAN USA - 3620 NW 115th Ave., Doral, FL 33178
 Phone: 305-471-9050; Fax: 305-471-9001
 sales@mesanusa.com; www.mesanusa.com

Cooling Tower Data

Series:	MKT Counter Flow	Fan Motor Pole No.:	8 p
Model:	MKT-70	Fan Motor Power Per Cell:	3.0 hp
Cell(s) Per Set:	1	Fan Motor Power Total:	3.0 hp
Fan Type:	Axial	Electrical (V/Ph/Hz):	460/3/60
Fan Diameter:	58"	Air Flow Per Cell:	24839 cfm
Fans Per Cell:	1	Air Flow Total:	24839 cfm
Water Pressure Drop:	8.4 ft		
Sound Pressure Level:	62.4 dBA(Single Cell) @15 ft from Air Inlet Face		

Performance Data

Water Flow Rate Per set :	185 gpm~256 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:	926 MBH~1281 MBH
Range:	10°F		
Approach:	7°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