

FT-500 STANDARD COUNTER FLOW TYPE COOLING TOWER SPECIFICATION

Manufacturer		RYOWO (HOLDING) CO., LTD.	
Type		Counter Flow Cooling Tower	
Origin		China	
1 OVERALL DIMENSION			
Diameter (Max.)	mm	5600	
Height (Max.)	mm	4590	
Height (w/o motor)	mm	3830	
Net Weight	kgs	2450	
Operating Weight	kgs	6150	
2 DESIGN CONDITION			
Nominal Flow	m3/hr	390.6	
Water Out Temp.		32°C	
Water In Temp.		37°C	
Ambient Wet Bulb Temp.		27°C	
Make-up Water Rate		1.43%	
3 MOTOR			
Type		TEFC	
Volt/Phase/Hz		380/660/3/50Hz	
Output Power		15HP 11kw	
4 FAN			
Type		Axial	
Fan Diameter	mm	ø 3000	
Transmission Type		Direct	
5 CASING			
Quantity	Pcs	16	
6 WATER BASIN			
Quantity	Pc	12	
7 AUX. SUCTION TANK			
Flange Standard		N.A.	
8 SPRINKLER SYSTEM			
Sp Head Inlet (Dia)	mm	ø 250	
Sp Head Outlet (Dia x Qty)	mm	ø 100x6	
9 AIR INLET MESH			
Material		PVC	
Quantity	Pcs	12	
10 PIPING			
Inlet (Dia.)	mm	ø 250	
Outlet (Dia.)	mm	ø 250	
Drain (Dia.)	mm	ø 100	
Overflow (Dia.)	mm	ø 100	
Float Valve (Dia.)	mm	ø 50	
11 MATERIAL			
Fan Hub		G.I + Al. Alloy	
Fan Blade		FRP or Al.Alloy	
Motor Support		Hot Dip Galv. Steel	
Fan Guard (Optional)		Hot Dip Galv. Steel	
Casing		FRP	
Water Basin		FRP	
Aux. Suction Tank		FRP	
Sprinkler Head		Al. Alloy	
Sprinkler Pipe		PVC Pipe	
Eliminator		FRP	
Air Inlet Louver (Optional)		FRP	
Air Inlet Stand		Hot Dip Galv. Steel	
Ladder Assembly		Hot Dip Galv. Steel	
Stand Pipe		PVC Pipe	
Horizontal Pipe		N.A.	
Strainer		SS 304	
Infill Support		Hot Dip Galv. Steel	
Infill		PVC Film	
Bolt & Nuts		Electroplated	