

FT-20 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	1160	
Height (Max.)	mm	1835	
Height (w/o motor)	mm	1645	
Net Weight	kgs	85	
Operating Weight	kgs	210	
2 DESIGN CONDITION			
Nominal Flow	m3/hr	15.6	
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		220/380/3/50Hz	
Output Power		1/2HP 0.37kw	
4 FAN			
Type		Axial	
Fan Diameter	mm	ø 770	
Transmission Type		Direct	
5 CASING			
Quantity	Pcs	3	
6 WATER BASIN			
Quantity	Pc	1	
7 AUX. SUCTION TANK			
Flange Standard		N.A.	
8 SPRINKLER SYSTEM			
Sp Head Inlet (Dia)	mm	ø 50	
Sp Head Outlet (Dia x Qty)	mm	ø20x4	
9 AIR INLET MESH			
Material		PVC	
Quantity	Pcs	3	
10 PIPING			
Inlet (Dia.)	mm	ø 50	
Outlet (Dia.)	mm	ø 50	
Drain (Dia.)	mm	ø 25	
Overflow (Dia.)	mm	ø 25	
Float Valve (Dia.)	mm	ø 15	
11 MATERIAL			
Fan Hub		ABS Plastic	
Fan Blade		ABS Plastic	
Motor Support		Hot Dip Galv. Steel	
Fan Guard (Optional)		Hot Dip Galv. Steel	
Casing		FRP	
Water Basin		FRP	
Aux. Suction Tank		N.A.	
Sprinkler Head		ABS Plastic	
Sprinkler Pipe		PVC Plastic	
Eliminator		N.A.	
Air Inlet Louver (Optional)		FRP	
Air Inlet Stand		HIPS Plastic	
Ladder Assembly		N.A.	
Stand Pipe		PVC Pipe	
Horizontal Pipe		PVC Pipe	
Strainer		PP Plastic	
Infill Support		Hot Dip Galv. Steel	
Infill		PVC Film	
Bolt & Nuts		Electroplated	