

# FT-100 STANDARD COUNTER FLOW TYPE COOLING TOWER SPECIFICATION

<b>Manufacturer</b>		<b>RYOWO (HOLDING) CO., LTD.</b>	
<b>Type</b>		<b>Counter Flow Cooling Tower</b>	
<b>Origin</b>		<b>China</b>	
<b>1 OVERALL DIMENSION</b>			
Diameter (Max.)	mm	2900	
Height (Max.)	mm	2910	
Height (w/o motor)	mm	2590	
Net Weight	kgs	1319	
Operating Weight	kgs	1600	
<b>2 DESIGN CONDITION</b>			
Nominal Flow	m3/hr	78.1	
Water Out Temp.		32°C	
Water In Temp.		37°C	
Ambient Wet Bulb Temp.		27°C	
Make-up Water Rate		1.43%	
<b>3 MOTOR</b>			
Type		TEFC	
Volt/Phase/Hz		220/380/3/50Hz	
Output Power		3HP 2.2kw	
<b>4 FAN</b>			
Type		Axial	
Fan Diameter	mm	ø 1500	
Transmission Type		Direct	
<b>5 CASING</b>			
Quantity	Pcs	6	
<b>6 WATER BASIN</b>			
Quantity	Pc	3	
<b>7 AUX. SUCTION TANK</b>			
Flange Standard		N.A.	
<b>8 SPRINKLER SYSTEM</b>			
Sp Head Inlet (Dia)	mm	ø 125	
Sp Head Outlet (Dia x Qty)	mm	ø 65x4	
<b>9 AIR INLET MESH</b>			
Material		PVC	
Quantity	Pcs	12	
<b>10 PIPING</b>			
Inlet (Dia.)	mm	ø 125	
Outlet (Dia.)	mm	ø 125	
Drain (Dia.)	mm	ø 50	
Overflow (Dia.)	mm	ø 50	
Float Valve (Dia.)	mm	ø 20	
<b>11 MATERIAL</b>			
Fan Hub		Al. Alloy	
Fan Blade		FRP or Al.Alloy	
Motor Support		Hot Dip Galv. Steel	
Fan Guard		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	
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