

## FT-30 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	1660	
Height (Max.)	mm	1885	
Height (w/o motor)	mm	1720	
Net Weight	kgs	130	
Operating Weight	kgs	370	
<b>2 DESIGN CONDITION</b>			
Nominal Flow	m3/hr	23.4	
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		1HP 0.75kw	
<b>4 FAN</b>			
Type		Axial	
Fan Diameter	mm	ø 770	
Transmission Type		Direct	
<b>5 CASING</b>			
Quantity	Pcs	3	
<b>6 WATER BASIN</b>			
Quantity	Pc	1	
<b>7 AUX. SUCTION TANK</b>			
Flange Standard		N.A.	
<b>8 SPRINKLER SYSTEM</b>			
Sp Head Inlet (Dia)	mm	ø 80	
Sp Head Outlet (Dia x Qty)	mm	ø40x4	
<b>9 AIR INLET MESH</b>			
Material		PVC	
Quantity	Pcs	6	
<b>10 PIPING</b>			
Inlet (Dia.)	mm	ø 80	
Outlet (Dia.)	mm	ø 80	
Drain (Dia.)	mm	ø 25	
Overflow (Dia.)	mm	ø 25	
Float Valve (Dia.)	mm	ø 15	
<b>11 MATERIAL</b>			
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 Pipe	
Eliminator		FRP	
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	