

## FC-800 CROSS FLOW TYPE COOLING TOWER SPECIFICATION

<b>Manufacturer</b>	<b>RYOWO (HOLDING) CO., LTD.</b>		
<b>Type</b>	<b>Induced Draft Cross Flow Vertical Discharge Type</b>		
<b>Origin</b>	<b>China</b>		
<b>1 Design Condition</b>			
Nominal Flow (m3/hr)	624.0		
Water Out Temp.	32°C		
Water In Temp.	37°C		
Ambient Wet Bulb Temp.	27°C		
<b>2 Overall Dimension</b>			
Length (mm)	4300		
Width (mm)	9200		
Height (mm)	3400		
Net Weight (kgs)	5280		
Operating Weight (kgs)	12800		
<b>3 Motor</b>			
Type	TEFC		
Volt/Phase/Hz	380/660/3/50HZ		
Power	7-1/2HP 5.5kw		
<b>4 Fan</b>			
Type	Axial		
Diameter (mm)	ø1800		
No. of Fan	4		
Transmission Type	Vee Belt		
<b>5 Material</b>			
Air Inlet Louver (Optional)	FRP		
Basin	FRP		
Bolt & Nuts	Electroplated		
Casing panel	FRP		
Distribution Tray	FRP		
Eliminator	FRP		
Fan Blade	Al. Alloy or FRP		
Fan Hub	GI + Al. Alloy		
Fan Guard	Hot Dip Galv. Steel		
Fan Stack	FRP		
Infill	PVC		
Infill Support Mesh	Hot Dip Galv. Steel		
Ladder	Hot Dip Galv. Steel		
Motor Support	Hot Dip Galv. Steel		
Strainer	SS 304		
Structure	Hot Dip Galv. Steel		
Sump Tank	FRP		
<b>6 Piping</b>			
Inlet (Dia/Qty)	ø125mm x 8		
Outlet (Dia/Qty)	ø250mm x 2		
Overflow (Dia/Qty)	ø80mm x 2		
Drain (Dia/Qty)	ø80mm x 2		
Make-up (Dia/Qty)	ø50mm x 2		
Manual Make-up (Dia/Qty)	ø50mm x 2		
Suction tank	2		