

FC-1000 CROSS FLOW TYPE COOLING TOWER SPECIFICATION

Manufacturer	RYOWO (HOLDING) CO., LTD.		
Type	Induced Draft Cross Flow Vertical Discharge Type		
Origin	China		
1 Design Condition			
Nominal Flow (m3/hr)	780.0		
Water Out Temp.	32°C		
Water In Temp.	37°C		
Ambient Wet Bulb Temp.	27°C		
2 Overall Dimension			
Length (mm)	4400		
Width (mm)	10400		
Height (mm)	3400		
Net Weight (kgs)	5700		
Operating Weight (kgs)	14245		
3 Motor			
Type	TEFC		
Volt/Phase/Hz	380/660/3/50HZ		
Power	10HP 7.5kw		
4 Fan			
Type	Axial		
Diameter (mm)	ø2000		
No. of Fan	4		
Transmission Type	Vee Belt		
5 Material			
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		
6 Piping			
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		