

FC-500 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)	390.0	
Water Out Temp.	32°C	
Water In Temp.	37°C	
Ambient Wet Bulb Temp.	27°C	
2 Overall Dimension		
Length (mm)	4400	
Width (mm)	5200	
Height (mm)	3400	
Net Weight (kgs)	2850	
Operating Weight (kgs)	7120	
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	2	
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 4	
Outlet (Dia/Qty)	ø250mm x 1	
Overflow (Dia/Qty)	ø80mm x 1	
Drain (Dia/Qty)	ø80mm x 1	
Make-up (Dia/Qty)	ø50mm x 1	
Manual Make-up (Dia/Qty)	ø50mm x 1	
Suction tank	1	