

FT-400 STANDARD COUNTER FLOW TYPE COOLING TOWER SPECIFICATION

Manufacturer			RYOWO (HOLDING) CO., LTD.		
Type			Counter Flow Cooling Tower		
Origin			China		
1 OVERALL DIMENSION					
Diameter (Max.)	mm	4760			
Height (Max.)	mm	4255			
Height (w/o motor)	mm	3495			
Net Weight	kgs	2050			
Operating Weight	kgs	3950			
2 DESIGN CONDITION					
Nominal Flow	m3/hr	312.5			
Water Out Temp.			32°C		
Water In Temp.			37°C		
Ambient Wet Bulb Temp.			27°C		
Make-up Water Rate			1.43%		
3 MOTOR					
Type	TEFC				
Volt/Phase/Hz	380/660/3/50Hz				
Output Power	15HP 11kw				
4 FAN					
Type	Axial				
Fan Diameter	mm	ø 3000			
Transmission Type	Direct				
5 CASING					
Quantity	Pcs	16			
6 WATER BASIN					
Quantity	Pc	8			
7 AUX. SUCTION TANK					
Flange Standard	N.A.				
8 SPRINKLER SYSTEM					
Sp Head Inlet (Dia)	mm	ø 200			
Sp Head Outlet (Dia x Qty)	mm	ø 80x6			
9 AIR INLET MESH					
Material	PVC				
Quantity	Pcs	16			
10 PIPING					
Inlet (Dia.)	mm	ø 200			
Outlet (Dia.)	mm	ø 200			
Drain (Dia.)	mm	ø 80			
Overflow (Dia.)	mm	ø 80			
Float Valve (Dia.)	mm	ø 32			
11 MATERIAL					
Fan Hub	G.I + 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				