

FT-175 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	3310			
Height (Max.)	mm	3300			
Height (w/o motor)	mm	2880			
Net Weight	kgs	870			
Operating Weight	kgs	2170			
2 DESIGN CONDITION					
Nominal Flow	m3/hr	136.7			
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	220/380/3/50Hz				
Output Power	5HP 3.7kw				
4 FAN					
Type	Axial				
Fan Diameter	mm	ø 1800			
Transmission Type	Direct				
5 CASING					
Quantity	Pcs	8			
6 WATER BASIN					
Quantity	Pc	4			
7 AUX. SUCTION TANK					
Flange Standard	N.A.				
8 SPRINKLER SYSTEM					
Sp Head Inlet (Dia)	mm	ø 150			
Sp Head Outlet (Dia x Qty)	mm	ø 65x6			
9 AIR INLET MESH					
Material	PVC				
Quantity	Pcs	8			
10 PIPING					
Inlet (Dia.)	mm	ø 150			
Outlet (Dia.)	mm	ø 150			
Drain (Dia.)	mm	ø 50			
Overflow (Dia.)	mm	ø 50			
Float Valve (Dia.)	mm	ø 20x2			
11 MATERIAL					
Fan Hub	Al. Alloy				
Fan Blade	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				