

## FWS-169-7.5 LOW NOISE 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 (m <sup>3</sup> /hr)	169.0		
Water Out Temp.	32°C		
Water In Temp.	37°C		
Ambient Wet Bulb Temp.	28°C		
<b>2 Overall Dimension</b>			
Length (mm)	4400		
Width (mm)	2600		
Height (mm)	4320		
Net Weight (kgs)	2020		
Operating Weight (kgs)	3961		
<b>3 Motor</b>			
Type	TEFC		
Volt/Phase/Hz	380/3/50HZ		
Power	10HP 7.5KW		
<b>4 Fan</b>			
Type	Axial		
Diameter (mm)	ø2000		
No. of Fan	1		
Transmission Type	Vee Belt		
<b>5 Material</b>			
Basin	FRP		
Bolt & Nuts	Electroplated		
Casing	FRP		
Distribution Tray	FRP		
Drift Eliminator (Optional)	PVC		
Fan Blade	Al. Alloy		
Fan Hub	G.I + C.I+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		
Pulley Box	FRP		
<b>6 Piping</b>			
Inlet (Dia/Qty)	ø125mm x 2		
Outlet (Dia/Qty)	ø200mm x 1		
Overflow (Dia/Qty)	ø80mm x 1		
Drain (Dia/Qty)	ø80mm x 1		
Make-up (Dia/Qty)	ø40mm x 1		
Manual Make-up (Dia/Qty)	ø40mm x 1		
Suction tank	1		