

FT-600 STANDARD COUNTER FLOW TYPE COOLING TOWER SPECIFICATION

Manufacturer	RYOWO (HOLDING) CO., LTD.
Type	Counter Flow Cooling Tower
Origin	China

<table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <td colspan="3">1 OVERALL DIMENSION</td> </tr> <tr> <td>Diameter (Max.)</td> <td>mm</td> <td>6600</td> </tr> <tr> <td>Height (Max.)</td> <td>mm</td> <td>5310</td> </tr> <tr> <td>Height (w/o motor)</td> <td>mm</td> <td>4470</td> </tr> <tr> <td>Net Weight</td> <td>kgs</td> <td>3950</td> </tr> <tr> <td>Operating Weight</td> <td>kgs</td> <td>9350</td> </tr> <tr> <td colspan="3">2 DESIGN CONDITION</td> </tr> <tr> <td>Nominal Flow</td> <td>m3/hr</td> <td>468.7</td> </tr> <tr> <td>Water Out Temp.</td> <td></td> <td>32°C</td> </tr> <tr> <td>Water In Temp.</td> <td></td> <td>37°C</td> </tr> <tr> <td>Ambient Wet Bulb Temp.</td> <td></td> <td>27°C</td> </tr> <tr> <td>Make-up Water Rate</td> <td></td> <td>1.43%</td> </tr> <tr> <td colspan="3">3 MOTOR</td> </tr> <tr> <td>Type</td> <td></td> <td>TEFC</td> </tr> <tr> <td>Volt/Phase/Hz</td> <td></td> <td>380/660/3/50Hz</td> </tr> <tr> <td>Output Power</td> <td></td> <td>20HP 15kw</td> </tr> <tr> <td colspan="3">4 FAN</td> </tr> <tr> <td>Type</td> <td></td> <td>Axial</td> </tr> <tr> <td>Fan Diameter</td> <td>mm</td> <td>ø 3400</td> </tr> <tr> <td>Transmission Type</td> <td></td> <td>Direct</td> </tr> <tr> <td colspan="3">5 CASING</td> </tr> <tr> <td>Quantity</td> <td>Pcs</td> <td>16</td> </tr> <tr> <td colspan="3">6 WATER BASIN</td> </tr> <tr> <td>Quantity</td> <td>Pc</td> <td>16</td> </tr> <tr> <td colspan="3">7 AUX. SUCTION TANK</td> </tr> <tr> <td>Flange Standard</td> <td></td> <td>N.A.</td> </tr> <tr> <td colspan="3">8 SPRINKLER SYSTEM</td> </tr> <tr> <td>Sp Head Inlet (Dia)</td> <td>mm</td> <td>ø 250</td> </tr> <tr> <td>Sp Head Outlet (Dia x Qty)</td> <td>mm</td> <td>ø 80x8</td> </tr> </table>	1 OVERALL DIMENSION			Diameter (Max.)	mm	6600	Height (Max.)	mm	5310	Height (w/o motor)	mm	4470	Net Weight	kgs	3950	Operating Weight	kgs	9350	2 DESIGN CONDITION			Nominal Flow	m3/hr	468.7	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		380/660/3/50Hz	Output Power		20HP 15kw	4 FAN			Type		Axial	Fan Diameter	mm	ø 3400	Transmission Type		Direct	5 CASING			Quantity	Pcs	16	6 WATER BASIN			Quantity	Pc	16	7 AUX. SUCTION TANK			Flange Standard		N.A.	8 SPRINKLER SYSTEM			Sp Head Inlet (Dia)	mm	ø 250	Sp Head Outlet (Dia x Qty)	mm	ø 80x8	<table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <td colspan="3">9 AIR INLET MESH</td> </tr> <tr> <td>Material</td> <td></td> <td>PVC</td> </tr> <tr> <td>Quantity</td> <td>Pcs</td> <td>16</td> </tr> <tr> <td colspan="3">10 PIPING</td> </tr> <tr> <td>Inlet (Dia.)</td> <td>mm</td> <td>ø 250</td> </tr> <tr> <td>Outlet (Dia.)</td> <td>mm</td> <td>ø 250</td> </tr> <tr> <td>Drain (Dia.)</td> <td>mm</td> <td>ø 100</td> </tr> <tr> <td>Overflow (Dia.)</td> <td>mm</td> <td>ø 100</td> </tr> <tr> <td>Float Valve (Dia.)</td> <td>mm</td> <td>ø 50</td> </tr> <tr> <td colspan="3">11 MATERIAL</td> </tr> <tr> <td>Fan Hub</td> <td></td> <td>Hot Dip Galv. Steel</td> </tr> <tr> <td>Fan Blade</td> <td></td> <td>FRP or Al.Alloy</td> </tr> <tr> <td>Motor Support</td> <td></td> <td>Hot Dip Galv. Steel</td> </tr> <tr> <td>Fan Guard</td> <td></td> <td>Hot Dip Galv. Steel</td> </tr> <tr> <td>Casing</td> <td></td> <td>FRP</td> </tr> <tr> <td>Water Basin</td> <td></td> <td>FRP</td> </tr> <tr> <td>Aux. Suction Tank</td> <td></td> <td>FRP</td> </tr> <tr> <td>Sprinkler Head</td> <td></td> <td>Al. Alloy</td> </tr> <tr> <td>Sprinkler Pipe</td> <td></td> <td>PVC Pipe</td> </tr> <tr> <td>Eliminator</td> <td></td> <td>FRP</td> </tr> <tr> <td>Air Inlet Louver (Optional)</td> <td></td> <td>FRP</td> </tr> <tr> <td>Air Inlet Stand</td> <td></td> <td>Hot Dip Galv. Steel</td> </tr> <tr> <td>Ladder Assembly</td> <td></td> <td>Hot Dip Galv. Steel</td> </tr> <tr> <td>Stand Pipe</td> <td></td> <td>PVC Pipe</td> </tr> <tr> <td>Horizontal Pipe</td> <td></td> <td>N.A.</td> </tr> <tr> <td>Strainer</td> <td></td> <td>SS 304</td> </tr> <tr> <td>Infill Support</td> <td></td> <td>Hot Dip Galv. Steel</td> </tr> <tr> <td>Infill</td> <td></td> <td>PVC Film</td> </tr> <tr> <td>Bolt & Nuts</td> <td></td> <td>Electroplated</td> </tr> </table>	9 AIR INLET MESH			Material		PVC	Quantity	Pcs	16	10 PIPING			Inlet (Dia.)	mm	ø 250	Outlet (Dia.)	mm	ø 250	Drain (Dia.)	mm	ø 100	Overflow (Dia.)	mm	ø 100	Float Valve (Dia.)	mm	ø 50	11 MATERIAL			Fan Hub		Hot Dip Galv. Steel	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
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