

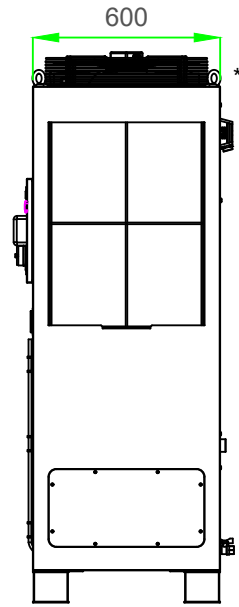
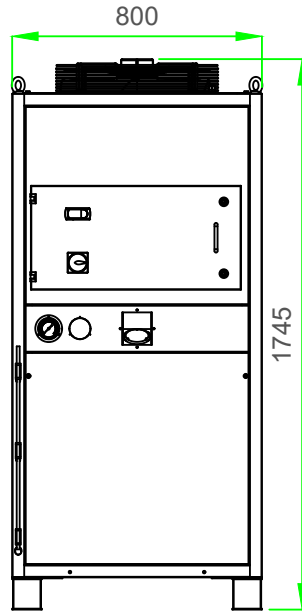
# WATER CHILLER



## TWC 020



\* FOR REFERENCE ONLY



- **Structure**  
Enclosure made of CRCA steel sheet ensure high stability.
- **Coating**  
Electrophoretic dipcoat priming and powder coating textured .
- **Compressor**  
Energy efficient, environment friendly Hermetically sealed compressor.
- **Fan**  
Axial fan with Inbuilt motor with thermal protection.
- **Coil**  
Copper tube with pre-coated hydrophilic aluminum fin material.
- **Filter**  
Woven fabric of mesh density/inch 37C X 36R to prevent dust.

- **Control**  
The unit is controlled & managed by microprocessor based controller with LED display.
- **Tank**  
Tank made of SS316L grade steel sheet.
- **Pump**  
Centrifugal Multistage SS pump.
- **Heat Exchanger**  
Braze type heat exchanger.
- **Refrigerant**  
Ecological refrigerant gas.
- **Safety and protection.**  
Safety by-pass,level indicator and level switch,high and low pressure switches,flow switch ,high temperature alarm, general alarm, antifreeze protection

### General Features

S.NO	DESCRIPTION	M.U	SPECIFICATION
1	Model	-	TWC 020 PTS C02
2	Cooling capacity	kcal/hr	6000
		kW	7
3	Ambient Temperature	°C	20-55*
4	Refrigerant	-	R407c *
5	Flow Rate	l/min	20-25
6	Pressure Range	bar	1-3
7	Set Temperature Range      Set Temp 15°C	°C	10-20
8	Operating voltage      Phase/Voltage/Frequency	Ph/V/Hz	3/415/50
9	Power	kW	4
10	In/Out size	BSP	1"
11	System	-	Air Cooled
12	Tank	litre	50
13	Dimension Width x Depth x Height	W mm	800
		D mm	600
		H mm	1745
14	Place of installation	-	Ventilated shed
15	Weight	kg	150*
16	Color	-	RAL-7035,RAL-7016

DATE: 28/11/2019  
DWG NO.4010 C02 X01 REV NO: 01