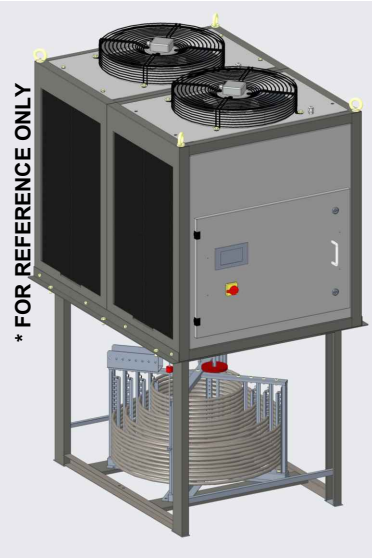
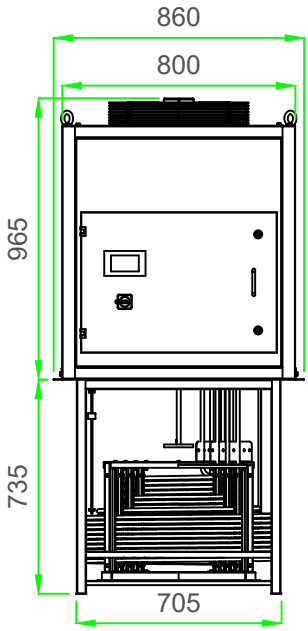
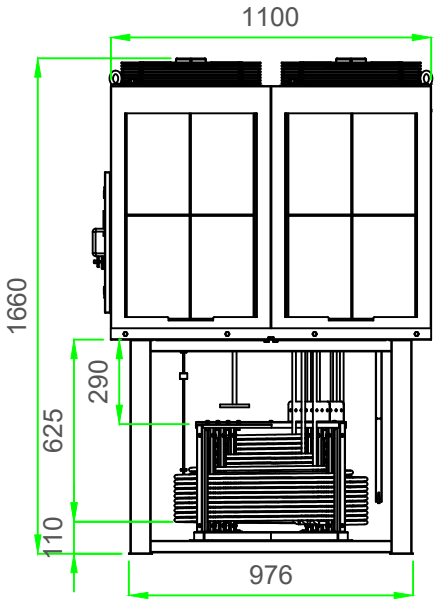
IMMERSION CHILLER

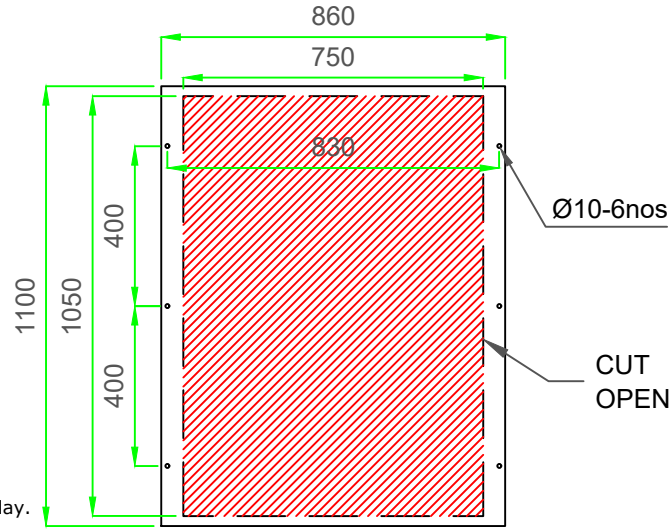
TIC 050 000







- **Structure**
  Enclosure made of
  1.CRCA steel sheet ensure high stability with powder coating.
  2.SS316L steel material for high stability & corrosive environment application.
- **Coating**
  9 tank process - cold zinc phosphating with powder coating.
- **Compressor**
  Energy efficient, environment friendly Hermetically sealed compressor.
- **Fan**
  Axial fan with Inbuilt motor with thermal protection.
- **Stirrer Motor**
  In built a thermal protection.
- **Coil**
  G.I 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.
- **Heat Exchanger**
  High grade SS316L SS tube immersion coil.
- **Refrigerant**
  Ecological refrigerant gas.
- **Safety and protection.**
  Safety level indicator and level switch,high and low pressure switches, high temperature alarm, general alarm,



MOUNTING DETIALS

General Features			PRODUCT CODE: 4005 000 00
S.NO	DESCRIPTION	M.U	SPECIFICATION
1	Model	-	TIC 050 000
2	Cooling capacity	kcal/hr	15120
		kW	17.55
3	Ambient Temperature	°C	20-50
4	Refrigerant	-	R407c
5	Set Temperature Range	°C	10-30
6	Operating voltage Phase/Voltage/Frequency	Ph/V/Hz	3/415/50
7	Power	kW	6.0
8	System	-	Air Cooled unit
9	Dimension Height x Width x Depth	H mm	1660
		W mm	860
		D mm	1100
10	Place of installation	-	Ventilated shed
11	Weight	kg	350
12	Color	M.S	RAL-7037 , RAL-7035
		SS316L	N/A

DWG NO.4005 000 X00 REV NO: 01 DATE: 20/06/2025

Technical modification reserved