

# INDUSTRIAL CHILLER



*Eco-friendly Chillers with Compact Design*

*High flow-rate Low pressure-drop evaporator*

*High-efficiency refrigeration compressor*

*Consistent outlet water temperature*

*Built for operating in stringent ambient conditions*

*Accurate control and measurement system*

***ETC-SERIES***



## INDUSTRIAL CHILLERS

ETC-Series air-cooled water chillers designed for industrial application of various industries. Built to operate in stringent ambient conditions with continuous duty applications.

## Inbuilt- Features

Eco-friendly refrigerant  
Hermetic scroll/reciprocating compressors  
Finned coil Condenser with copper tubes and aluminium fins  
Axial fans di-casted with aluminium and crescent shaped blades

BPHE for evaporation  
Storage tank with filling/drain valves, pump and pressure gauge  
Level sensors  
Low/High refrigerant pressure switches

Pressure gauges  
Phase monitor against phase loss, phase reversal  
Compressor crankcase heater

**ENVISYS TECHNOLOGIES PVT LTD**

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Available in different capacities.....  
 Custom-built to capacity needs.....



**CONTROLS**

Single set point Digital Temperature controller will be provided with sensor to control the water temperature in the tank during re-circulation



**MAJOR SUB-SYSTEMS CONFIGURATION AND MAKES**

- |                             |                     |
|-----------------------------|---------------------|
| <b>PROCESS</b>              | : EQUIPMENT COOLING |
| <b>CONDENSER COOLING</b>    | : AIR-COOLED        |
| <b>REFRIGERANT</b>          | : CFC FREE          |
| <b>COMPRESSORS</b>          | : SCROLL COMPRESSOR |
| <b>CONDENSER AIR COOLED</b> | : IGT COPPER TUBES  |
| <b>EVAPORATOR</b>           | : BPHE              |
| <b>CONTROLLER</b>           | : DANFOSS           |
| <b>CONDENSER FANS</b>       | : AXIAL FLOW        |
| <b>EXPANSION VALVE</b>      | : DANFOSS           |
| <b>FILTER DRIER</b>         | : DANFOSS           |
| <b>PRESSURE SWITCHES</b>    | : DANFOSS           |
| <b>LIQUID LINE VALVE</b>    | : DANFOSS           |
| <b>PRIMARY PUMP</b>         | : CRI MAKE          |
| <b>SECONDARY PUMP</b>       | : CRI MAKE          |

ALL INTERNAL PLUMBING WITH IN THE CHILLER PACKAGE CONNECTING CIRCULATION PUPM AND WATER TANK WITH SUITABLE VALVES AND FITTINGS ARE OF CORROSION FREE MATERIAL CPVC WITH BY PASS VALVE ETC

**ENVISYS TECHNOLOGIES PVT LTD**

ISO 9001-2015 Certified Company

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