

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

ISO 9001-2008 CERTIFIED COMPANY

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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

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

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