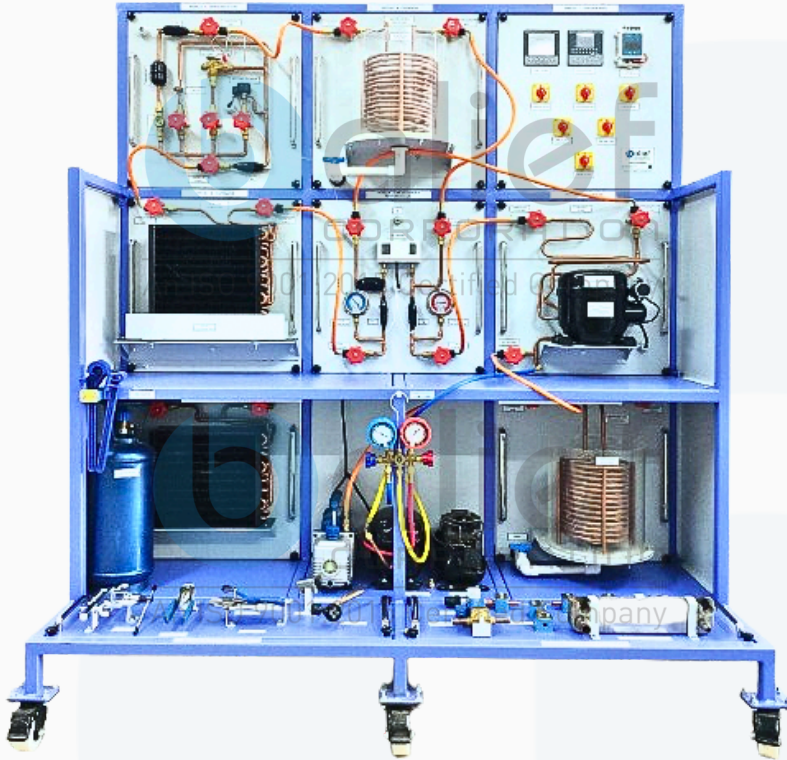


Refrigeration System With Interchangeable Modules

Transform training with our modular refrigeration system



Specification

- Hands-On Learning system
- Air-cooled and Water-cooled condenser
- Fin & tube type and Submerged coil type evaporator
- Three types of Expansion Devices : Capillary, TXV and EXV
- Detachable and replaceable Components
- Facilitating quick module changes
- Data logging Facility
- Dashboard for the Tools & Components and their section views

Learning Outcome

- Understanding the principles of refrigeration, including heat transfer, the refrigeration cycle, and the role of different components in the system.
- Familiarity with different types of condensers and evaporators, their characteristics, and applications.
- Knowledge of expansion devices, such as expansion valves, capillary tubes, and thermostatic expansion valves.
- Skills in changing condensers and evaporators, including removing and attaching modules and tightening connections.
- Proficiency in conducting leakage tests using air filling and checking for leaks using bubbling liquid.
- Competence in evacuating air and moisture from the system using a vacuum pump.
- Ability to charge gas into the system from a gas cylinder.
- Understanding the importance of data collection and documentation for analysis and troubleshooting.

Application

- Education , Learning and hands on training in Academic institutes



Contact Us:

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