



Email : sales@laboratoryinstrumentindia.com

Product Name :
Trainer On Domestic Refrigerators With Two Evaporators
And Hermetic Compressor

Product Code :
LBNY-0005-11700014



Description :

The Trainer On Domestic Refrigerators With Two Evaporators And Hermetic Compressor allows to study the circuit layout adopted in the normal domestic refrigerators with freezing room, fitted with positive temperature evaporator, negative temperature evaporator and hermetic compressor. A wheeled frame carries a horizontal working panel, fitted with a 80 mm clamp, and a vertical frame, where the main components of the unit and a screen printed synoptic panel are mounted at sight. The refrigerant is (HFC), CFC free, and the unit includes the measuring instruments that are necessary to monitor operating parameters and to test the refrigerator circuit. The student can rise his knowledge about the main components of a refrigerator plant, experiment the problems due to the filling and the emptying of the circuit and, at last, simulate some simple faults. The refrigerator circuit is made of copper pipes. The set of equipment and the vacuum and recharge station allow a fast assembly and disassembly of the refrigerator circuit.

Experiments:

Filling of a refrigerator circuit and leak detection.
Study of the main components.
Fault simulation.
Assembly and disassembly of the circuit.

Technical Specification :

Power supply: 220 V AC single phase, 50/60 Hz, 0.37 kW.
Power supply: 220 V AC single phase, 50/60 Hz, 0.5 kW.



Laboratory Instrument India