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Product Name :

Open Type Compressor With Fault Simulation

Product Code :

LBNY-0005-11700020



www.laboratoryinstrumentindia.com

Description :

The refrigerant is Freon R134a (HFC), CFC free, and the unit includes the measuring instruments that are necessary to monitor operating parameters and to test the refrigerator circuit. 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 refrigerator circuit is made of copper pipes. The Trainer on Domestic Refrigerators with Two Evaporators and Open Type Compressor with Fault Simulation allows to study the circuit layout adopted in the normal domestic refrigerators with freezer compartment, fitted with two parallel evaporators, one with positive temperature, one with negative temperature and an open-type compressor.

Technical Specification :

Experiments:

Study of the behavior of mechanical power by varying the working conditions.

Study of the main components.

Fault simulation.

Calculation of absorbed mechanical power.

Assembly and disassembly of the circuit.

Filling of a refrigerator circuit and leak detection.

Required services:

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

Power supply: 220 V CA single phase, 50/60 Hz, 1 kW.



Laboratory Instrument India