



Demonstrate the basic principles of the Refrigeration Cycle

Cool Features of the RF- 800 System

- Ø High quality industrially accepted components
- Ø Robust and Durable and mobile design
- Ø Bold colour identification of circuits
- Ø Comprehensive metering and control functions
- Ø Designed to simulate common faults
- Ø Detailed instruction and experiment manual
- Ø Maximum safety with minimum supervision
- Ø Easy assembly and installation
- Ø Competitively priced

Product Information

The RF - 800 is a self contained, fully integrated system designed to assist the student in understanding the thermodynamics of vapour compression refrigeration cycle.

The system needs only to be connected to a single phase 220 volt 50 Hz AC supply.

Comprehensive metering allows measurements of various parameters for experimentation.

The basic system comprises a compressor, condenser (divided into two sections), expansion device, digital temperature indicator with three PT 100 sensors (measuring condenser, evaporation and cabinet temperature), dryer unit, sight glass, and three pressure/suction gauges.

The electrical control box contains an isolator/circuit breaker, voltmeter, ammeter, temperature zone selector switch and status indicators for the thermostat and compressor.

The system is charged with R134A (284 gms) ozone friendly refrigerant. Provision has been made to re-charge the system when required.

MASS 85 kgs

DIMENSIONS

LENGTH 1100mm DEPTH 500mm HEIGHT 1850mm

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