Product name:	Product code:
Electrolux Refrigerator Test Rig	EEZ0007



Description

Electrolux Refrigerator Test Rig

Technical specification

Gases	Non–CEC, Non –HCFC, Non–FCKW, Non –Freon
Mode of System	Externally heated by electric resistance
Evaporator	Coil Type evaporator with facility to determine performance efficiency ratio (PER)
Volume of Cabinet	41 Ltrs., Voltage Input –65 Watts, Electrical Consumption/24 Hrs. –0.8 kWh, Auto Defrost Fuzzy Logic System, Voltage
Temperature Sensor	RTD PT-100 Type.
Digital Voltmeter	0-300 V
Digital Ammeter	0-5 Amp.
Temperature Measurement	Digital Temperature Indicator with multi-channel switch.
Instruction Manual	An ENGLISH instruction manual will be provided along with the Apparatus

Electrolux Refrigerator Test Rig Manufacturer

Electrolux Refrigerator Test Rig

Description

NAUGRA®
Civil Laboratory Equipment Manufacturers and Suppliers India Civil Lab Exportrs India
Email us at: export@civilmechanicalindia.com

The set up demonstrates the students about the basic principal of a vapour absorption refrigeration cycle. The test rig is designed for the study of thermodynamics of vapour absorption refrigeration cycle by measuring temperature at different position.

Experimentation:

To Calculate Co-efficient of performance.

Utilities Required :

Electric Supply : Single Phase, 220 V AC, 50 Hz, 5-15 Amp. combined socket with earth connection.
Bench Area : 1.5 m x 1m

Technical Details :

Sealed Circuit	The System has no moving parts at all, which makes it Silent and very durable.
Refrigerant	Mixture of three fluid system Ammonia(NH3) + Water (H2O) + hydrogen (H2)