

Product Name :
Domestic Vapour Absorption System Trainer

Product Code :
RLE-0017



Description :

Domestic Vapour Absorption System Trainer

Technical Specification :

Product Details:

Digital Indicator

Temperature Sensors -6 Nos

Temperature Indicator with Selector Switch

Made of M.S. Square Tubes & Sheets, Welded & Powder coated

The Vapor Absorption Refrigeration Trainer is designed to demonstrate the working of Aqua-Ammonia Vapor Absorption Refrigeration Cycle & evaluate its performance.

The trainer uses packaged refrigerator having electrically heated Generator, Absorber, Condenser, Evaporator mounted in an insulated cabinet where refrigeration load can be applied. The refrigerator uses the mixture of Water & Ammonia as the refrigerant. Due to an absence of mechanical compressor, the refrigerator is quite in operation.

Instruments to measure Temperatures at different points, Power Consumption, Heater Load are fitted on Instrument panel.

EXPERIMENTAL CAPABILITIES:

- To identify components of Vapor Absorption Refrigeration System.
- To plot the vapor absorption cycle on P-h Chart.
- To calculate COP of Vapor Absorption Refrigeration Cycle

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