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Product Name :
Computerized ICE Plant Trainer

Product Code :
SCHOOL-REF870009



Description :

Computerized ICE Plant Trainer

Technical Specification :

FEATURES:

To study the working of ice plant.

To study the refrigerator circuit.

To calculate co-efficient of performance

SPECIFICATION:

Compressor: Hermitically sealed compressor, Kirloskar make.

Evaporator: Made of Stainless Steel, Insulated with ceramic wool/puff.

Expansion Device: Capillary Tube Compatible capacity.

Energy Measurement: By Energy meter

Tank: The inner tank shall be fabricated out of stainless steel

Condenser: Air cooled compatible to compressor

Condenser Cooling Fan: Compatible capacity with permanent lubricated motor.

Pressure Measurement: Pressure Transmitter- 2 Nos.

Temperature Measurement: Temperature Transmitter- 6 Nos.

Safety Control: overload and over current protectors for compressor and Time delay circuit.

Measuring ranges :

Differential pressure: 0...1000Pa (air)

Flow rate: 12...360L/h (water)

Temperature: 2x 0...50°C, 3x 0...100°C

Rel. humidity: 10...100%

Required for operation :

230V, 50Hz, 1 phase

230V, 60Hz, 1 phase

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