

MODEL NO
RAC-07

ENGINEERING



ICE PLANT TEST RIG
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Description:

Consisting of refrigeration cycle demonstration equipments

Compressor	: hermetically sealed kirloskar made.
Condenser	: Forced convection air cooled
Expansion valve	: thermostatic expansion valve
Evaporator	: Immerse type direct expansion
Cooling capacity	: 20kg/ day
Insulation	: PUF insulation
Number of ice cans	: 4
Size of tank	: 2' x 1 ½' x 9"
Size of ice can	: 2" x 1 ½" x 6".
Expansion Valve	: Capillary
Evaporator	: Shell & coil type
Rotameter	: 0 – 10 lpm to measure the discharge of water – 02 nos.
Ammeter	: digital, 0 --- 10 amp ac (LC 0.01 amp)
Voltmeter	: digital, 0 --- 300 v ac (LC 1v)
Temp indicator	: digital, -50 ⁰ to 150 ⁰ C (LC 1v)

Experimental Capabilities:

To study the Ice-plant, its working cycle and determine its COP.

EDUCATIONAL SYSTEM YOU CAN BUY FROM:

ENGINEERING MODELS & EQUIPMENT

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AN ISO 9001:2000 & 14001:2004 COMPANY

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