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Product Name :
Water Chiller Trainer Unit

Product Code :
LBNY-0005-1880003



Description :

Water Chiller Trainer Unit Instrumentation includes condenser and suction pressure gauges, evaporator pressure (service gauge), multi point digital temperature indicator with selector switch, evaporator and condenser flow rate measurement, optional refrigerant flow meter and optional computerised data acquisition system for all parameters including compressor current.

A pump circulates the cooled water at an adjustable flow rate through a tank with individually switched heaters that load the refrigeration system. Water Chiller Trainer Unit is mounted on a steel frame with stainless steel panels and comprises an hermetic compressor with water cooled condenser, liquid receiver, water cooling evaporator with adjustable pressure regulator.

Technical Specification :

Water Chiller Trainer Unit is mounted on a steel framework, with stainless steel base and back panels and incorporates:-

Digital temperature indicator with 10 way selector switch.

Condenser and evaporator water flow meters.

Condenser and suction pressure gauges and detachable evaporator pressure gauge.

Adjustable evaporator pressure regulator with detachable service gauge.

Suction accumulator.

Water tank with individual switchable loads of 1kW, 1kW and 0.5kW

Adjustable condenser pressure regulator

Water-cooling evaporator

Thermostatic expansion valve

Hermetic compressor

Water circulating pump with flow control.
Water-cooled condenser.
Liquid receiver
Instrumentation includes:
Optional refrigerant flowmeter.
Control panel including:
Contactor
Earth leakage protector
Overload protection
Optional computerised data acquisition system.



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