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Product Name :
Heat Exchangers In The Refrigeration Circuit

Product Code :
LBNY-0005-125000107



Description :

Combinations of different media: water / refrigerant, refrigerant / refrigerant, air / refrigerant
Water circuit with tank and pump to cool the condenser and heat the evaporator
Flow meter and thermometer in the water circuit to determine the exchanged energy fluxes
Refrigeration system with 4 different heat exchangers: coaxial coil heat exchanger, finned tube heat exchanger, tubular heat exchanger, plate heat exchanger
Superheater can be disabled via bypass
Thermometers at all relevant points of the system.

Technical Specification :

Compressor
Receiver: 1,3L
Power consumption: 358W at -10/32°C
Refrigeration capacity: 625W at -5/32°C
Measuring Ranges
Pressure: -1...9bar / -1...24bar
Flow rate: 1x 2...27L/h (R134a), 2x 20...250L/h
Temperature: 12x -5...105°C, 1x 0...60°C.

Laboratory Instrument India

