

Product Name :
Refrigeration System with Two-Stage Compression

Product Code :
DM465



Description :

Refrigeration System with Two-Stage Compression

Technical Specification :

Refrigeration System with Two-Stage Compression
 Hermetic low and high pressure compressors
 Adjustable intercooling via refrigerant injection
 Heat exchange for additional supercooling of the liquid refrigerant
 Closed refrigeration chamber contains evaporator with fan and adjustable electric heater as cooling load
 digital display for temperatures, drive power of the compressors and cooling load power
 Real-time representation of the process in the log p-h diagram of the software
 Software for data acquisition via usb under windows 10
 Environmental friendly and easily available refrigerant
 It has technical data as shown below:
 Low pressure compressor (LP)
 Power consumption: 275W at -10/55Â°C
 Refrigeration capacity: 583W at -10/55Â°C
 High pressure compressor (HP)
 Power consumption: 841W at -25/55Â°C
 Refrigeration capacity: 702W at -25/55Â°C
 Measuring ranges
 Flow rate: 2â€¦29L/h, 4â€¦40L/h
 Pressure: 1x -1â€¦15bar, 2x -1â€¦24bar
 Temperature: 8x -75â€¦125Â°C

Power:

0â€!562W (heater)

0â€!750W (LP compressor)

0â€!2250W (HP compressor)

230V, 50Hz, 1 phase.

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