

Product Name :
Air-Conditioning Trainer with Heat Pump

Product Code :
DM664



Description :

Air-Conditioning Trainer with Heat Pump

Technical Specification :

Air-Conditioning Trainer With Heat Pump

Steel structure mounted on wheels, painted and treated in

Colour silk-screen-printed schematic diagram of the two alternative cycles, with warning LEDs

1½ HP hermetic compressor

Forced-air condenser/evaporator with variable flow settable via potentiometer

Evaporator/condenser coil

Liquid receiver, liquid separator

On-off valves, sight glass, dehydrator filter, check valves

Thermostatic expansion valve

Electrically driven cycle-reversing valve

Valve for plant vacuum, refrigerant charging and recovering

Pipes connecting the various components painted with different colours

Heat storage tank for refrigerant/water heat exchange

Water pump

Forced-air air/water exchanger with variable flow settable via potentiometer

Thermostats

Full set of instruments for data acquisition, including:

Flowmeters - high and low pressure gauges - 3 electronic thermometers with Pt100 probes to be inserted in various test points along the hydraulic circuit

Digital multimeter

Double pressure switch
Thermomagnetic - earth leakage control button
Emergency button
Power supply: 230 Vac 50 Hz single-phase - 1000 VA (Other voltage and frequency under request)
Net weight: 190 kg.

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