

Product Name :
Air Conditioning Model

Product Code :
DM712



Description :

Air Conditioning Model

Technical Specification :

Air conditioning model
Model of an air conditioning system to plug onto the base unit
Training system with latest technology
Air duct with transparent front and adjustable ventilation flap for recirculating or outer air operation
Evaporator as air cooler
2 heaters as air preheater and reheater
Air humidifier with float switch, fan, filling level indication
Thermostatic expansion valve as expansion element
Sensor to record temperature and combined sensor for humidity and temperature
Operation of individual components and of the system and fault simulation via software
Software with control functions and data acquisition via USB under windows 10
Software: educational software, data acquisition, system operation
It has technical data as shown below:
Air duct, top: 136x136x800mm
Evaporator as air cooler
Transfer area: 900cm²
Air heater: 2x 250W
Axial fan
Power consumption: 20w
Flow rate: 160m³/h

Humidifier
Heater: 200w
Measuring ranges
Temperature: 2x -50â€¦50Â°C, 5x 0â€¦50Â°C
Rel. Humidity: 4x 10â€¦100%

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