

**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: 900cm<sup>2</sup>  
Air heater: 2x 250W  
Axial fan  
Power consumption: 20w  
Flow rate: 160m<sup>3</sup>/h

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

## Naugralabequipments

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