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**Product Name :**  
Air Conditioning And Ventilation Unit

**Product Code :**  
LBNY-0005-12500086



#### **Description :**

Main unit with air duct, fan, air conditioning system

Air conditioning system with direct evaporator as air cooler, electric air heater, humidification

Practice-oriented air conditioning and ventilation system with 3 independent system components: main unit, condensing unit, steam generator

Air duct from hot galvanised sheet with sight window and pressure measurement connections to record pressure curves

Manual or automatic operation via plc air conditioning controller

Hoses connect direct evaporator to condensing unit, humidification to steam humidifier

Standard connection piece to connect to external ventilation system

Air duct with filter, multi-leaf damper, ceiling vent, protective grating, ventilation grille, fire protection flap, inspection flap, sound insulation link, smoke detector.

#### **Technical Specification :**

Fan, speed-controlled 0...1500min<sup>-1</sup>

Drive motor power: 1,1kw

Max. Pressure level: 715Pa

Max. Volumetric air flow rate: 2500m<sup>3</sup>/h

Air cooler (direct evaporator), cooling capacity: 27kW

Air heater, 4 stages: 0-5-10-15-20kw

Condensing Unit

Power consumption: approx. 7,4kW at 7.2/32°C

Rated cooling capacity: approx. 16,6kw at 7.2/32°C

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Steam Humidifier

Power consumption: 7,5kw

Steam capacity: 10kg/h

External standard connection piece: 400x400mm

Duct Cross-Sections

Inclined tube manometer: 0...750Pa

Bottom: wxh: 630x630mm, top: wxh: 358x358mm.



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