

Condensation dryer AD 680

Features

- Axial fan with aluminium fan wheel (with winding protection).
- Fully hermetically sealed rotary compressor, protected against overloading, vibration-insulated bearings.
- Condenser and evaporator made from copper piping covered with aluminium fins. Cooling circuit made from copper piping with capillary tube and filter dryer. Service connector on the suction side.
- Automatic hot-gas defrosting, controlled by Dry-Logic.



Application & functioning

Mode of functioning

Condensation principle
(heat-pump technology with energy recovery)

Area of use

Closed rooms (water works, water damage drying, storing, archives, ect.)

Suitable for

Heated rooms up to 1100 cbm **
Unheated rooms up to 700 cbm **

Dimensions & installation

Installation / mobility

On the floor. Two transport wheels (Ø = 250 mm), sturdy tubular frame with two rubber feet, for carrying and wheeling.

Initiation

Put plug into power socket. Switch the dryer on at On/Off-switch and set the required humidity at the hygostat.

Condensate outlet

Water bucket (16 l) simply to remove, carry and empty. Complete switch off when bucket is full (activated by weight). Hose connector for hose 12 x 2 mm.

Air flow

Air inlet at the back side via air filter, air outlet on the front (draught-free, through slanted fins)

Maintenance

Empty bucket, clean / change air filter

Dimensions

Height / width / depth:
910 mm / 650 mm / 550 mm

Weight

58 kg

Technical data

Casing

Sheet steel, flux-coated, grey-white (RAL 9002)
Easy to dismantle, protection category IP X4

Dehumidifying performance / Power consumption*

at 30°C / 80% r.h. = 78,0 l/24h / 1.250 Watts/h
at 27°C / 60% r.h. = 52,0 l/24h / 1.090 Watts/h
at 20°C / 60% r.h. = 35,0 l/24h / 900 Watts/h
at 10°C / 70% r.h. = 20,0 l/24h / 720 Watts/h

Air circulation rate

820 cbm/h

Operation range

Temperature: +3°C up to +32°C
Humidity: 40%r.h. up to 95% r.h.

Noise level

55 dB (A)

Voltage

230 V / 50 Hz, Fusing: 10 A slow

Conneting cable

approx. 4,5 mtrs. with plug

Refrigerant

R407c

Control elements

On-/Off-Switch, orange, illuminated; neon red for „tank full“; operation time counter; hygostat with knob

Optionally available accessories

Connecting cable 5 or 10 mtrs., Condensate hose 12 x 2 mm, Flexible Pump-out-kit, Combi-Counter (h and kWh)