

Condensation dryer AD 430

Features

- Axial fan with plastic 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 400 cbm **
unheated rooms up to 300 cbm **

Dimensions & installation

Installation / mobility

Floor standing. Stability by four rubber bumpers. A stretcher handle for simply carrying. The devices are stackable for storage purposes.

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 (8,3 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:
580 mm / 340 mm / 380 mm

Weight

19 kg

Technical data

Casing

Aluminium, powder-coated, grey-white (RAL 9010), cover Aluminum anodizes, easy to dismantle, protection class IP X4

Dehumidifying performance / Power consumption*

at 30°C / 80% r.h. = 30,5 l/24h / 540 Watts
at 27°C / 60% r.h. = 19,0 l/24h / 460 Watts
at 20°C / 60% r.h. = 12,0 l/24h / 400 Watts
at 10°C / 70% r.h. = 8,0 l/24h / 320 Watts

Air circulation rate

600 cbm/h

Operation range

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

Noise level

51 dB (A)

Voltage

230 V / 50 Hz, Fusing: 6 A slow

Conneting cable

approx. 3 mtr. with equipment plug and main plug.
Cable keeping space above the air filter

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, Pump-out-kit, wall bracket