

Dehumidifier AD 430

Technical data:



General

Drying capacity / power consumption

at 30°C / 80%r.h.	= 28,0 l./day	680 Watt
at 27°C / 60%r.h.	= 16,5 l./day*	580 Watt
at 20°C / 60%r.h.	= 12,1 l./day*	500 Watt
at 10°C / 70%r.h.	= 7,1 l./day*	400 Watt

Air volume

210 cbm/h

Operational range

temperature: + 3°C + 32°C
humidity: 40 95 %r.h.

Noise level

52 dB(A)

Control + signal lamps

On- / Off-switch (0/1), orange, illuminated
Signal lamp red = water-container full
Operation-time-counter, humidistat with knob

Case

Case of sheet metal, plastic-coated, high-grade steel optics

Technology

Axial fan with aluminium-impeller (with winding protection).
Hermetically sealed piston compressor, protected against overload, free of oscillation.
Condenser and evaporator of copper-tubes, laminated with aluminium. Cooling-circuit of copper tube with capillary tube and filter dryer. Service connector on induction-side.
Automatic hot-gas-defrosting, controlled by Dry-Logic.

Refrigerant

R134a (430 g) CFC-free

Electric connection

Electrical supply

1 x 230 V / 50 Hz

Fusing

6 A slow

Power consumption

Max. 627 watt **

Connecting cable

cable 3 mtr. with Schuko coupler

* Values according to DIN EN 810

** In the case of 32°C ambient temperature

*** standard value / empirical value

Installation and dimensions

Operation-field

Closed rooms

Suitability for

heated rooms to approx. 300 cbm ***
unheated rooms to approx 150 cbm ***

Mode of operation

Condensation principle
(heat pump with energy recovery)

Deployment / mobility

On the floor. 2 side handy frames with rubber bumpers.
Stackable (up to 3 units)

Air input

On reverse side passed over easy changeable air filter

Air output

Front side

Handling

Turn coupler into the socket, switch on (at 0/1-switch) and adjust at the humidistat the humidity-level you feel comfortable with.

Water output

Device interrupts automatically in case of container is filled (through the weight).

Remove water-container (8 l.) on reverse side.

A ½ inch hose can be connected optionally to available hose connection.

Dimensions

height / width / depth:
630 mm / 333 mm / 400 mm

Weight

34 kg

Service

Empty the water container, clean / change filter

Guarantee

2 years