

Condensation dryer AD 810

Features

- 2 x 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 1.500 cbm **
Unheated rooms up to 1.100 cbm **

Dimensions & installation

Installation / mobility

On the floor. Four fixable wheels (D= 100), Two grips

Initiation

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

Condensate outlet

Installed condensate pump. Max. height level: 4 mtrs.

Air flow

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

Maintenance

clean / change air filter

Dimensions

Height / width / depth:
990 mm / 635 mm / 530 mm

Weight

70 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. = 105,0 l/24h / 1.500 Watts
at 27°C / 60% r.h. = 67, l/24h / 1.300 Watts
at 20°C / 60% r.h. = 50,0 l/24h / 1.120 Watts
at 10°C / 70% r.h. = 26,0 l/24h / 900 Watts

Air circulation rate

1.300 cbm/h

Operation range

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

Noise level

60 dB (A)

Voltage

230 V / 50 Hz, Fusing: 10 A slow

Conneting cable

approx. 4,5 mtrs. with plug, cable keeper

Refrigerant

R407c

Control elements

On-/Off-Switch, green, illuminated; neon for „Fault pump“; operation time counter; hygrostat with knob

Optionally available accessories

Condensate hose 12 x 2 mm