

Condensation dryer AD 580

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

Floor standing. 2 guide castors, 2 fixed castors (D= 100 mm), grip to move.

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:
815 mm / 480 mm / 500 mm (with grip 560)

Weight

55 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 / 1.400 Watts
at 27°C / 60% r.h. = 52,0 l/24h / 1.200 Watts
at 20°C / 60% r.h. = 35,0 l/24h / 1.010 Watts
at 10°C / 70% r.h. = 20,0 l/24h / 800 Watts

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

Condensate hose 12 x 2 mm,
Fix installed condensate pump
wall bracket