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, storaging, 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 hygrostat.

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; hygrostat with knob

Optionally available accessories

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

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* As defined in DIN EN 810 - ** Guideline/empirical values

valid: September 2010 – subject to technical changes.