

Condensation dryer AD 420



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 300 cbm **
unheated rooms up to 200 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:
520 mm / 332 mm / 360 mm

Weight

12 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. = 19,0 l/24h / 420 Watts/h
at 27°C / 60% r.h. = 11,0 l/24h / 360 Watts/h
at 20°C / 60% r.h. = 8,0 l/24h / 340 Watts/h
at 10°C / 70% r.h. = 6,0 l/24h / 280 Watts/h

Air circulation rate

315 cbm/h

Operation range

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

Noise level

46 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

R134a

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, Flexible Pump-out-kit, wall bracket. Combi-Counter (h and kWh)

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