

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

### 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

Connecting cable 5 or 10 mtrs., Condensate hose 12 x 2 mm, Pump-out-kit, wall bracket