

# Condensation dryer AD 110

## Features

- Energy-saving axial fan with plastic fan blade (with winding protection).
- Fully hermetically sealed piston 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, sauna rooms, storing, archives, ect.)

### Suitable for

Heated rooms up to 100 cbm \*\*  
Unheated rooms up to 60 cbm \*\*

## Dimensions & installation

### Installation / mobility

Space saving mounting at a wall  
(fastening material is included)

### Initiation

Put plug into power socket.  
Set the required humidity at the hygrostat.

### Condensate outlet

Condensate-hose (12 x 2 mm, 3 mtr.) serially mounted at the dryer. Hose has to be guided with sloping down from the dryer into a drain.

### Air flow

Air inlet at left side with air filter,  
Air outlet on the front (draught-free, through slanted slats)

### Maintenance

Clean / change air filter

### Dimensions

Height / width / depth:  
498 mm / 330 mm / 241 mm

### Weight

24 kg

## Technical data

### Casing

Stainless steel, easy to dismantle, protection class IP 54

### Dehumidifying performance / Power consumption\*

at 30°C / 80% r.h. = 12,0 l/24h / 280 Watts/h  
at 27°C / 60% r.h. = 6,0 l/24h / 250 Watts/h  
at 20°C / 60% r.h. = 5,3 l/24h / 230 Watts/h  
at 10°C / 70% r.h. = 2,5 l/24h / 210 Watts/h

### Air circulation rate

250 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 - 60 Hz, fusing: 6 A slow

### Conneting cable

5 mtr. with plug

### Refrigerant

R134a

### Control elements

Neon green: Operation  
Operation time counter  
Hygrostat with knob