

# Condensation dryer AD 650



## 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 600 cbm \*\*  
Unheated rooms up to 500 cbm \*\*

## Dimensions & installation

### Installation / mobility

On the floor. Two transport wheels ( $\varnothing = 200$  mm), sturdy tubular frame with two rubber feet, for carrying and wheeling.

### 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 (12 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:  
795 mm / 540 mm / 510 mm

### Weight

42 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. = 54,0 l/24h / 900 Watts/h  
at 27°C / 60% r.h. = 34,0 l/24h / 780 Watts/h  
at 20°C / 60% r.h. = 23,5 l/24h / 660 Watts/h  
at 10°C / 70% r.h. = 14,0 l/24h / 550 Watts/h

### Air circulation rate

660 cbm/h

### Operation range

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

### Noise level

53 dB (A)

### Voltage

230 V / 50 Hz, Fusing: 10 A slow

### Conneting cable

approx. 4,5 mtrs. with plug, cable keeping space

### 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, Flexible Pump-out-kit,  
Combi-Counter (h and kWh)

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