

# Condensation dryer AD 780

## Features

- Completely protected in an impact-resistant plastic casing:
  - Axial fan with aluminium fan wheel (with winding protection).
  - Fully hermetically sealed rotary compressor, protected against overloading, vibration-insulated bearings.
- Condenser and evaporator: copper piping covered with aluminium fins. Cooling circuit: copper piping with capillary tube and filter dryer. Service connector on 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 950 cbm \*\*  
Unheated rooms up to 600 cbm \*\*

## Dimensions & installation

### Installation / mobility

On the floor. Ergonomically designed casing for easy transport, integrated push-handle, two big wheels (D= 300 mm). 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

Installed condensate pump. Max. height level: 4 mtrs.

### Air flow

Air inlet at the back side via air filter, air outlet on the front (draught-free, through slanted fins)

### Maintenance

clean / change air filter

### Dimensions

Height / width / depth:  
1.000 mm / 640 mm / 580 mm

### Weight

57 kg

## Technical data

### Casing

Impact-resistant plastic (grey, RAL 7001, PE polyethylene DIN 16776), operating panel (RAL 1023) and air inlet/ outlet (RAL 7021): galvanised sheet steel, flux-coated, protection class: IP X4

### Dehumidifying performance / Power consumption\*

at 30°C / 80% r.h. = 78,0 l/24h / 1.250 Watts/h  
at 27°C / 60% r.h. = 52,0 l/24h / 1.090 Watts/h  
at 20°C / 60% r.h. = 35,0 l/24h / 900 Watts/h  
at 10°C / 70% r.h. = 20,0 l/24h / 720 Watts/h

### 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

53 dB (A)

### Voltage

230 V / 50 Hz, Fusing: 10 A slow

### Conneting cable

approx. 4,5 mtrs. with plug, cable keeper

### Refrigerant

R407c

### Control elements

On-/Off-Switch, orange, illuminated; neons for „defrost mode“ and „humidity ok“; operation time counter; hygostat with knob

## Optionally available accessories

Connecting cable 5 or 10 mtrs., Condensate hose 12 x 2 mm, Combi-Counter (h and kWh)