

# Dehumidifier AD 520

## Technical data:



## General

### Drying capacity

at 30°C / 80%r.h. = 20,5 l./day  
at 27°C / 60%r.h. = 12,5 l./day\*  
at 20°C / 60%r.h. = 9,0 l./day\*  
at 10°C / 70%r.h. = 4,1 l./day\*

### Air volume

300 cbm/h free blowing

### Operational range

temperature: + 3°C ..... + 32°C  
humidity: 40 – 100 %r.h.

### Noise level

50 dB(A)

### Control + signal lamps

On- / Off-switch (0/1), orange, illuminated  
Signal lamp red = water-container full  
Operation-time-counter, humidistat with knob

### Case

Case of sheet metal, coated, off white.  
To dismantle simply.

### Technology

Axial fan with aluminium-impeller (with winding protection).  
Hermetically sealed piston compressor, protected against overload, free of oscillation.  
Condenser and evaporator of copper-tubes, laminated with aluminium. Cooling-circuit of copper tube with capillary tube and filter dryer. Service connector on induction-side.  
Automatic hot-gas-defrosting, controlled by thermostat.

### Refrigerant

R134a (300 g) CFC-free

## Electric connection

### Electrical supply

1 x 230 V / 50 Hz

### Fusing

6 A slow

### Power consumption

Max. 427 watt \*\*

### Connecting cable

cable 4,5 mtr. with Schuko coupler

\* Values according to DIN EN 810

\*\* In the case of 32°C ambient temperature

\*\*\* standard value / empirical value

## Installation and dimensions

### Operation-field

Closed rooms

### Suitability for

heated rooms to approx. 200 cbm \*\*\*  
unheated rooms to approx 140 cbm \*\*\*

### Mode of operation

Condensation principle  
(heat pump with energy recovery)

### Deployment / mobility

On the floor. 2 castors, 2 fixed rolls (Ø= 40 mm)  
Grip in the front.

### Air input

On reverse side passed over easy changeable air filter

### Air output

Front side

### Handling

Turn coupler into the socket, switch on (at 0/1-switch) and adjust at the humidistat the humidity-level you feel comfortable with.

### Water output

Device interrupts automatically in case of container is filled (through the weight).  
Remove water-container (6 l.) on reverse side.  
A ½ inch hose can be connected optionally to available hose connection.

### Dimensions

height / width / depth:  
564 mm / 329 mm / 423 mm

### Weight

30 kg

### Service

Empty the water container, clean / change filter

### Optional extra

Wall bracket

### Warranty

2 years