

# Dehumidifier AD 120

## Technical data:

### General

#### Drying capacity / power consumption

at 30°C / 80%r.h.	= 24 ltr./day	700 Watt
at 20°C / 80%r.h.	= 13 ltr./day*	620 Watt
at 20°C / 60%r.h.	= 9,5 ltr./day*	580 Watt

#### Air volume

1.060 cbm/h nominal

#### Operational range

temperature: + 8°C ..... + 32°C  
humidity: 40 ..... 95 %r.h.

#### Noise level

xx dB(A)

#### Control + signal lamps

On-/off-switch  
humidistat with knob

#### Case

Coated steel (base frame RAL 9002, front: RAL 5014)  
protection class: IP 54

#### Technology

Axial fan with aluminium impeller wheel (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 Dry-Logic.

#### Refrigerant

R134a (300g), CFC-free

### Electric connection

#### Electrical supply

1 x 230 V / 50 Hz

#### Fusing

10 A slow

#### Power consumption

Max. 700 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

For rooms with up to 400 cbm. Also for very long or laundry drying rooms.

#### Mode of operation

Condensation principle  
(heat pump with energy recovery)

#### Deployment / mobility

Space-saving at the wall

#### Air input

left side, passed over easy changeable air filter

#### Air output

Front side

#### Handling

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

#### Water output

Three meters of hose (12 mm) is mounted in series at the device.  
The hose must be guided with slope from the device into a drain.

#### Dimensions

height / width / depth:  
530 mm / 375 mm / 345 mm

#### Weight

29 kg

#### Service

clean / change filter

#### Optional extra

hose

#### Guarantee

2 years