

# Dehumidifier DH 20

## Technical data:



## General

### Drying capacity

at 30°C / 80%r.h. = 20,0 l./day  
at 27°C / 60%r.h. = 11,0 l./day\*  
at 20°C / 60%r.h. = 6,0 l./day\*

### Air volume

170 cbm/h free blowing

### Operational range

temperature: +5°C ..... + 32°C  
humidity: 45 – 100 %r.h.

### Noise level

42 dB(A)

### Control + signal lamps

Humidistat with knob  
Signal lamp red = water container full  
Signal green = ready for operation

### Case

Sheet steel, plastic-coated, light-grey.  
Front- and reverse side plastic, light-grey

### 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.  
Automatic air-defrosting, controlled by thermostat and timer.

### Refrigerant

R134a (325 g) CFC-free

## Electric connection

### Electrical supply

230 V / 50 Hz

### Fusing

6 A slow

### Power consumption

Max. 549 watt \*\*

### Connecting cable

Cable 2,0 mtr. with Schuko coupler

## Installation and dimensions

### Operation-field

Closed rooms, heated (> 15°C)

### Suitability for

Heated rooms to approx. 180 cbm \*\*\*

### Mode of operation

Condensation principle  
(heat pump with energy recovery)

### Deployment / mobility

On the floor.  
4 castors (Ø= 40 mm), Intergrated grips at front and reverse side

### Air input

On reverse side passed over easy changeable air filter

### Air output

Front side

### Handling

Turn coupler into the socket and adjust at the humidistat the humidity-level you feel comfortable with.

### Water output

Device interrupts automatically in case of container is filled (with float switch). The water-collecting tank is to be taken by opening the lid (reverse side) easily. A ½ inch hose can be connected opionally to available hose connection at the water container.  
Approx. 1 mtr. hose is including.

### Dimensions

height / width / depth  
550 mm / 400 mm / 400 mm

### Weight

26 kg

### Service

Empty the water container, clean / change filter

### Warranty

2 years

\* Values according to DIN EN 810

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

\*\*\* standard value / empirical value