

Dehumidifier DH 10

Technical data:



General

Drying capacity

at 30°C / 80%r.h. = 10,0 l./day
at 27°C / 60%r.h. = 5,5 l./day*
at 20°C / 60%r.h. = 3,0 l./day*

Air volume

160 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 (275 g) CFC-free

Electric connection

Electrical supply

230 V / 50 Hz

Fusing

6 A slow

Power consumption

Max. 275 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. 130 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 optionally 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

24 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