

Condensation dryer DH 18

Features

- Radial fan with plastic fan blade (winding protection).
- Fully hermetically sealed rotary compressor, protected against overloading, vibration-insulated bearings.
- Condenser and evaporator made from copper tubes with aluminium fins.
- Cooling circuit made from copper piping with capillary tube and filter dryer. Service connector on the suction side.
- Automatic air defrosting, controlled by timer and electro-mechanical thermostat.



Application & functioning

Mode of functioning

Condensation principle
(heat-pump technology with energy recovery)

Area of use

Closed, heated rooms, (living- and bed rooms, Sauna rooms, storage rooms, archives, basements, ect.)

Suitable for

rooms > +15°C up to 150 cbm **

Dimensions & installation

Installation / mobility

On the floor. 4 castors (D= 30 mm),

Initiation

Put plug into power socket, switch on dehumidifier at hygostat and set the required humidity. The complete dryer switches off when the humidity has fallen below the required value.

Condensate outlet

Water tank (4 ltrs.) easy to remove and empty. Hose connector for hose 12 x 2 mm. (1 mtr. Hose is included)

Air flow

Air inlet at the front through easy changeable and washable air filter,
Air outlet at back side and on the top (adjustable grit)

Maintenance

Empty bucket, clean / change air filter

Dimensions

height / width / depth
585 mm / 330 mm / 285 mm

weight

16 kg

Technical data

Casing

plastic (ABS), light-grey, protection class IP X0

Dehumidifying performance / Power consumption*

at 30°C / 80% r.h. = 18,0 l/24h / 390 Watts
at 27°C / 60% r.h. = 10,5 l/24h / 350 Watts
at 20°C / 60% r.h. = 7,2 l/24h / 300 Watts

Air circulation rate

160 cbm/h

Operation range

Temperature: +15°C up to +32°C
Humidity: 40%r.h. up to 95% r.h.

Noise level

46 dB (A)

Voltage

230 V / 50 Hz, fusing: 6 A slow

Connecting cable

approx. 2,0 mtr. With plug

Refrigerant

R134a

Control elements

Hygostat with knob
Neon red = tank full
Neon green = ready for operation
Neon green = defrost mode
Neons for room humidity

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