

# 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: +5°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 CFC-free

### Control elements

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

### Guarantee

24 months from date of purchase

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