

# Swimming pool dryer AP 50

## Features

- Radial fan with aluminium fan wheel (with winding protection).
- Fully hermetically sealed rotary compressor protected against overloading, vibration-insulated bearings.
- Condenser and evaporator made from copper piping covered with aluminium fins. Specially coated evaporator.
- The hood is removable without tool, thus a cleaning of the heat exchangers is very easy
- Automatic defrosting.
- ThermoLogic system switches unit off (and later back on again) when the ambient temperature becomes to low or to high.



## Application & functioning

### Mode of functioning

Condensation principle  
(heat-pump technology with energy recovery)

### Area of use

Closed rooms (swimming pool rooms, jacuzzi and spa rooms, sauna rooms, fitness areas, ect.

### Suitable for

Swimming pools with water surface areas of up to approx. 30 sq m \*\* (depending on air and water temperature, as well as room humidity)

## Dimensions & installation

### Installation / mobility

Fixed at a wall  
(fastening material is included)

### Initiation

Electrical installation performed by electrician.  
Switch the dryer on at On/Off-switch and set the required humidity at the hygrostat.

### Condensate outlet

Hose-connector for hose 15 x 2 mm, optionally at left or right side of the dryer.

### Air flow

Air inlet at the front, air outlet from the top

### Dimensions

Height / width / depth:  
740 mm / 824 mm / 261 mm

### Weight

54 kg

## Technical data

### Casing

Hot-dip galvanized sheet steel, flux coated inside and outside (RAL 9010), easy to dismantle, protection class IP X4

### Dehumidifying performance / Power consumption\*

at 30°C / 80% r.h. = 47,0 l/24h / 770 Watts/h  
at 30°C / 60% r.h. = 29,0 l/24h / 715 Watts/h  
at 27°C / 60% r.h. = 27,0 l/24h / 670 Watts/h  
at 20°C / 60% r.h. = 24,0 l/24h / 630 Watts/h

### Air circulation rate

875 cbm/h

### Operation range

Temperature: +10°C up to +32°C  
Humidity: 40% r.h. up to 95% r.h.

### Noise level

50 dB (A)

### Voltage

230 V / 50 Hz, Fusing: 10 A slow,  
Firm electrical installation necessary.  
R.C.C.B required

### Refrigerant

R 134a

### Control elements

On-/Off-switch  
Hygrostat with knob  
Neons for „ready for operation“, „humidity ok“, „defrost mode“ and „thermal switch off“