

# I Data sheet I

## I Condensation-Dehumidifier I

# AERIAL®

THE DRYING EXPERTS

### AD 810-P

#### Application & Function

<b>Operation</b>	Condensation principle (heat-pump technology with energy recovery)
<b>Application</b>	Waterworks, storage, basement, garages, archives, etc.
<b>Suitability</b>	heated rooms up to 1400 m <sup>3</sup> ** unheated rooms up to 1000 m <sup>3</sup> **

#### Performance

Case made of coated sheet steel in stainless steel finish

Floor standing. Mobile by 4 castors (D = 100 mm)

Side handles for lifting

Blue-Dry®-Technology for particularly energy-saving operation - even at low humidities and temperatures

Fully hermetic rotary compressor

two energy efficient EC-axial fans

Maintenance-friendly refrigerant circuit with service connector

Condenser and evaporator made of copper tubes with aluminium fins

On-demand hot gas defrost system

Easy-to-use electronic eDRY:

- Display: operating hours and kWh
- On / off switch
- Display: current / rated humidity
- desired humidity setting is retained even after power disconnection
- continuous operation
- fan power adjustable in 2 steps



#### Technical data

<b>Dehumidifying capacity / power consumption *</b>	30°C / 80% r.h. =	105,0 l/d / 1350 W
	27°C / 60% r.h. =	68,0 l/d / 1150 W
	20°C / 60% r.h. =	53,0 l/d / 1000 W
	10°C / 70% r.h. =	20,0 l/d / 830 W

**Air flow** Speed 1/2 = 1000 / 1300 m<sup>3</sup>/h

**Working range** +1°C up to +34°C  
35% r.h. up to 95% r.h.

**Noise level** 60 dB(A)

**Voltage** 230 V / 50 Hz

**Power cord** 4,5 m. with plug

**Protection class** IPX4

**Refrigerant** R407c

**Condensate drain** Fixed automatic condensate pump with spigots 12 x 2 mm, pumping capacity: max. 4 mtrs. height.  
Button for manual pumping. (before moving the device)

**Dimensions** Height / Width / Depth  
970 / 625 / 530 mm

**Weight** 70 kgs

**Optional accessory** Condensate drain hose 12 x 2 mm

**Display eDRY**



\* Acc to DIN EN810

\*\* Experience values for storerooms - Valid June 2017 - Subject to change