

I Data sheet I

I Condensation-Dehumidifier I

AERIAL®
THE DRYING EXPERTS

AD 540

Application & Function

Operation Condensation principle (heat-pump technology with energy recovery)

Application Water damage drying, drying buildings, waterworks, storage, basement, garages, archives, etc.

Suitability heated rooms up to 180 m² **
unheated rooms up to 90 m² **

Performance

Case made of coated sheet steel in stainless steel finish

Floor standing. Stability by four rubber bumpers. The units are stackable.

Folding handle for comfortable carrying

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

Fully hermetic rotary compressor

2-speed energy efficient EC-axial fan for speed-drying and silent drying

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: kWh and operating hours
- 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

Dehumidifying capacity / power consumption *	30°C / 80% r.h. =	34,0 l/d / 530 W
	27°C / 60% r.h. =	22,0 l/d / 430 W
	20°C / 60% r.h. =	16,6 l/d / 390 W
	10°C / 70% r.h. =	11,4 l/d / 330 W

Air flow Speed 1/2 = 500 / 625 m³/h

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

Noise level 51 dB(A)

Voltage 230 V / 50 Hz

Power cord 4,5 m with plug

Protection class IPX4

Refrigerant R407c

Condensate drain Easy to remove, carry and empty water collecting container (7,0 l.).
Unit shutdown when bucket is full.

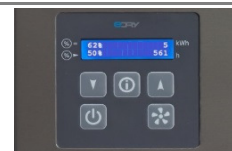
Connection spigot for hose 12 x 2 mm

Dimensions Height / Width / Depth
578 / 329 / 380 mm

Weight 24 kgs

Optional accessory Condensate drain hose 12 x 2 mm
Wall bracket
Pump-Kit

Display eDRY



* Acc to DIN EN810

** Experience values for storerooms

Valid July 2016 - Subject to change