

I Data sheet I

I Condensation-Dehumidifier I

AERIAL®
THE DRYING EXPERTS

AD 580

Application & Function

Operation	Condensation principle (heat-pump technology with energy recovery)
Einsatzbereich	Waterworks, storage, basement, garages, archives, etc.
Suitability	heated rooms up to 900 m ³ ** unheated rooms up to 700 m ³ **

Performance

Case made of coated sheet steel in stainless steel finish
Floor standing. Mobile by 4 castors (D = 75 mm)
Side handles for lifting
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: <ul style="list-style-type: none"> • Display: 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
kWh-counter (calibrated acc. MID), currentless reading



Technical data

Dehumidifying capacity / power consumption *	30°C / 80% r.h. = 78,0 l/d / 1070 W 27°C / 60% r.h. = 56,0 l/d / 910 W 20°C / 60% r.h. = 40,0 l/d / 740 W 10°C / 70% r.h. = 13,0 l/d / 530 W
Air flow	Speed 1/2 = 600 / 886 m ³ /h
Working range	+1°C up to +34°C 35% r.h. up to 95% r.h.
Noise level	65 dB(A)
Voltage	230 V / 50 Hz
Power cord	4,5 m. with plug
Protection class	IPX4
Refrigerant	R410a
Condensate drain	Easy to remove, carry and empty water collecting container (14,0 l.). Unit shutdown when bucket is full. Connection spigot for hose 12 x 2 mm
Dimensions	Height / Width / Depth 790 / 450 / 450 mm
Weight	40 kg
Optional accessory	Condensate drain hose 12 x 2 mm Pump-Kit

Display eDRY



* Acc to DIN EN810

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