

I Data sheet I

I Condensation-Dehumidifier I

AERIAL®

THE DRYING EXPERTS

AD 520

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 200 m ³ ** unheated rooms up to 150 m ³ **

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: <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. = 19,0 l/d / 330 W 27°C / 60% r.h. = 11,0 l/d / 295 W 20°C / 60% r.h. = 8,0 l/d / 260 W 10°C / 70% r.h. = 5,0 l/d / 210 W
Air flow	Speed 1/2 = 250 / 340 m ³ /h
Working range	+1°C up to +34°C 35% r.h. up to 95% r.h.
Noise level	46 dB(A)
Voltage	230 V / 50 Hz
Power cord	4,5 m with plug
Protection class	IPX4
Refrigerant	R134a
Kondensat-ablauf	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 524 / 320 / 360 mm
Weight	17 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 June 2017 - Subject to change

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