

HVAC
Nederland

AERIAL®
THE DRYING EXPERTS

I Data sheet I

I Condensation-Dehumidifier I

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 galvanized sheet steel, coated 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
Automatic restart after power failure

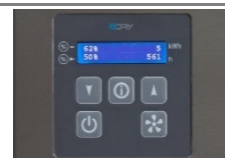


Technical data

Dehumidifying capacity / power consumption	30°C / 80% r.F. = 18 l/d 315 W
	20°C / 60% r.F. = 8 l/d 230 W
	15°C / 70% r.F. = 8 l/d 215 W

Air flow	Speed 1/2 = 250 / 340 m ³ /h
Working range	+5°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	R1234yf
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



* Experience values for storerooms - Valid March 2020 - Subject to change

Version: 2020-07-28

