

I Data sheet I

I Condensation-Dehumidifier I

AERIAL[®]
THE DRYING EXPERTS

AD 110

Application & Function

Operation	Condensation principle (heat-pump technology with energy recovery)
Application	Waterworks, storage, basement, garages, archives, fitness and sauna areas, changing rooms, etc.
Suitability	heated rooms up to 140 m ³ ** unheated rooms up to 70 m ³ **



Performance

Case made of stainless steel
Air intake left through air filter, air outlet at the front, draft-free, through slanted slats
Space-saving wall mounting
Fully hermetic piston compressor
Energy-efficient axial fan
Maintenance-friendly refrigerant circuit with service connector
Condenser and evaporator made of copper tubes with aluminium fins
On-demand hot gas defrost system
Operation elements: <ul style="list-style-type: none">• included hygrostat for variable humidity control• operation hour counter

Technical data

Dehumidifying capacity / power consumption *	30°C / 80% r.h. = 12,0 l/d / 280 W 27°C / 60% r.h. = 6,0 l/d / 250 W 20°C / 60% r.h. = 5,3 l/d / 230 W 10°C / 70% r.h. = 2,5 l/d / 210 W
Air flow	250 m ³ /h
Working range	+3°C up to +32°C 35% r.h. up to 95% r.h.
Noise level	46 dB(A)
Voltage	230 V / 50-60 Hz
Power cord	4,5 m with plug
Protection class	IP54
Refrigerant	R134a
Condensate drain	Condensate drain hose 12 x 2 mm 2,5 m mounted on the device
Dimensions	Height / Width / Depth 498 / 330 / 241 mm
Weight	24 kgs
Optional accessory	Condensate drain hose 12 x 2 mm Pump-Kit

* Acc to DIN EN810

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