

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 m³ **
unheated rooms up to 70 m³ **

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

Built-in hygrostat for variable humidity control and operating hours counter as standard



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 m³/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 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 December 2016 - Subject to change

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