

I Data sheet I

I Condensation-Dehumidifier I

AERIAL®
THE DRYING EXPERTS

AD 780-P

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 900 m ³ ** unheated rooms up to 700 m ³ **

Performance

Case made of shock and impact-resistant plastic
Floor standing. Optimum mobility by two plastic wheels (D = 300 mm) and different handle options
Blue-Dry®-Technology for particularly energy-saving operation - even at low humidities and temperatures
Fully hermetic rotary 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: • included hygrostat for variable humidity control • operation hour and energy counter (MID approved) • neon for "pump fault" • neon for "defrost" • neon for "humidity OK"



Technical data

Dehumidifying capacity / power consumption *	30°C / 80% r.h. = 78,0 l/d / 1250 W 27°C / 60% r.h. = 52,0 l/d / 1090 W 20°C / 60% r.h. = 35,0 l/d / 900 W 10°C / 70% r.h. = 20,0 l/d / 720 W
Air flow	820 m ³ /h
Working range	+3°C up to +32°C 35% r.F. up to 95% r.h.
Noise level	55 dB(A)
Voltage	230 V / 50 Hz
Power cord	4,5 m. with plug
Protection class	IPX4
Refrigerant	R407c
Condensate drain	Fixed automatic condensate pump with spigots 12 x 2 mm, pumping capacity: max. 4 mtrs. height. Button for manual pumping. (before moving the device)
Dimensions	Height / Width / Depth 1000 / 640 / 580 mm
Weight	57 kgs
Optional accessory	Condensate drain hose 15 x 2 mm

* Acc to DIN EN810

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