

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 m³ ** unheated rooms up to 700 m³ **

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 • neon for "pump fault" • neon for "defrost" • neon for "humidity OK" • combi-counter (h and kWh, calibrated acc. MID)



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 m³/h	
Working range	+3°C up to +32°C 35% r.h. 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 hose connector 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 12 x 2 mm	

* Acc to DIN EN810

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

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