

I Data sheet I

I Condensation-Dehumidifier I

AERIAL®
THE DRYING EXPERTS

AD 750

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 650 m ³ ** unheated rooms up to 500 m ³ **

Performance

Case made of shock and impact-resistant plastic
Floor standing. Optimum mobility by two plastic wheels (D = 200 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: <ul style="list-style-type: none"> • included hygrostat for variable humidity control • operation hour and energy counter (MID approved) • neon for "tank full" • neon for "defrost" • neon for "humidity OK"
Version AD 750-P available with included condensate pump



Technical data

Dehumidifying capacity / power consumption *	30°C / 80% r.h. = 55,0 l/d / 900 W 27°C / 60% r.h. = 34,1 l/d / 780 W 20°C / 60% r.h. = 24,5 l/d / 660 W 10°C / 70% r.h. = 14,0 l/d / 550 W
Air flow	710 m ³ /h
Working range	+3°C up to +32°C 35% r.F. up to 95% r.h.
Noise level	53 dB(A)
Voltage	230 V / 50 Hz
Power cord	4,5 m. with plug
Protection class	IPX4
Refrigerant	R407c
Condensate drain	Easy to remove, carry and empty water collecting container (12,0 l). Unit shutdown when bucket is full. Connection spigot for hose 15 x 2 mm
Dimensions	Height / Width / Depth 880 / 520 / 495 mm
Weight	42 kgs
Optional accessory	Condensate drain hose 15 x 2 mm

* Acc to DIN EN810

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

Version: 2017-06-27

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AD 750-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 650 m ³ ** unheated rooms up to 500 m ³ **

Performance

Case made of shock and impact-resistant plastic
Floor standing. Optimum mobility by two plastic wheels (D = 200 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: <ul style="list-style-type: none"> • 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. = 55,0 l/d / 900 W 27°C / 60% r.h. = 34,1 l/d / 780 W 20°C / 60% r.h. = 24,5 l/d / 660 W 10°C / 70% r.h. = 14,0 l/d / 550 W
Air flow	710 m ³ /h
Working range	+3°C up to +32°C 35% r.F. up to 95% r.h.
Noise level	53 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 880 / 520 / 495 mm
Weight	42 kgs
Optional accessory	Condensate drain hose 15 x 2 mm

* Acc to DIN EN810

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

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: <ul style="list-style-type: none"> • 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

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