

I Data sheet I

I Condensation-Dehumidifier I

AERIAL®

THE DRYING EXPERTS

AD 520

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 200 m ³ ** unheated rooms up to 150 m ³ **

Performance

Case made of coated sheet steel in stainless steel finish
Floor standing. Stability by four rubber bumpers. The units are stackable.
Folding handle for comfortable carrying
Blue-Dry®-Technology for particularly energy-saving operation - even at low humidities and temperatures
Fully hermetic rotary compressor
2-speed energy efficient EC-axial fan for speed-drying and silent drying
Maintenance-friendly refrigerant circuit with service connector
Condenser and evaporator made of copper tubes with aluminium fins
On-demand hot gas defrost system
Easy-to-use electronic eDRY: <ul style="list-style-type: none"> • Display: operating hours • On / off switch • Display: current / rated humidity • desired humidity setting is retained even after power disconnection • continuous operation • fan power adjustable in 2 steps
kWh-counter (calibrated acc. MID), currentless reading



Technical data

Dehumidifying capacity / power consumption *	30°C / 80% r.h. = 19,0 l/d / 330 W 27°C / 60% r.h. = 11,0 l/d / 295 W 20°C / 60% r.h. = 8,0 l/d / 260 W 10°C / 70% r.h. = 5,0 l/d / 210 W
Air flow	Speed 1/2 = 250 / 340 m ³ /h
Working range	+1°C up to +34°C 35% r.h. up to 95% r.h.
Noise level	46 dB(A)
Voltage	230 V / 50 Hz
Power cord	4,5 m with plug
Protection class	IPX4
Refrigerant	R134a
Kondensat-ablauf	Easy to remove, carry and empty water collecting container (7,0 l.). Unit shutdown when bucket is full. Connection spigot for hose 12 x 2 mm
Dimensions	Height / Width / Depth 524 / 320 / 360 mm
Weight	17 kgs
Optional accessory	Condensate drain hose 12 x 2 mm wall bracket Pump-Kit
Display eDRY	

* Acc to DIN EN810

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

Version: 2017-06-27

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THE DRYING EXPERTS

AD 540

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 450 m ³ ** unheated rooms up to 300 m ³ **

Performance

Case made of coated sheet steel in stainless steel finish
Floor standing. Stability by four rubber bumpers. The units are stackable.
Folding handle for comfortable carrying
Blue-Dry®-Technology for particularly energy-saving operation - even at low humidities and temperatures
Fully hermetic rotary compressor
2-speed energy efficient EC-axial fan for speed-drying and silent drying
Maintenance-friendly refrigerant circuit with service connector
Condenser and evaporator made of copper tubes with aluminium fins
On-demand hot gas defrost system
Easy-to-use electronic eDRY: <ul style="list-style-type: none"> • Display: operating hours • On / off switch • Display: current / rated humidity • desired humidity setting is retained even after power disconnection • continuous operation • fan power adjustable in 2 steps
kWh-counter (calibrated acc. MID), currentless reading



Technical data

Dehumidifying capacity / power consumption *	30°C / 80% r.h. = 34,0 l/d / 530 W 27°C / 60% r.h. = 22,0 l/d / 430 W 20°C / 60% r.h. = 16,6 l/d / 390 W 10°C / 70% r.h. = 11,4 l/d / 330 W
Air flow	Speed 1/2 = 500 / 620 m ³ /h
Working range	+1°C up to +34°C 35% r.h. up to 95% r.h.
Noise level	51 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 (7,0 l). Unit shutdown when bucket is full. Connection spigot for hose 12 x 2 mm
Dimensions	Height / Width / Depth 578 / 329 / 380 mm
Weight	17 kgs
Optional accessory	Condensate drain hose 12 x 2 mm wall bracket Pump-Kit
Display eDRY	

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AERIAL®

THE DRYING EXPERTS

AD 560

Application & Function

Operation	Condensation principle (heat-pump technology with energy recovery)
Einsatzbereich	Waterworks, storage, basement, garages, archives, etc.
Suitability	heated rooms up to 680 m ³ ** unheated rooms up to 500 m ³ **

Performance

Case made of coated sheet steel in stainless steel finish
Floor standing. Mobile by 4 castors (D = 75 mm)
Side handles for lifting
Blue-Dry®-Technology for particularly energy-saving operation - even at low humidities and temperatures
Fully hermetic rotary compressor
2-speed energy efficient EC-axial fan for speed-drying and silent drying
Maintenance-friendly refrigerant circuit with service connector
Condenser and evaporator made of copper tubes with aluminium fins
On-demand hot gas defrost system
Easy-to-use electronic eDRY: <ul style="list-style-type: none"> • Display: operating hours • On / off switch • Display: current / rated humidity • desired humidity setting is retained even after power disconnection • continuous operation • fan power adjustable in 2 steps
kWh-counter (calibrated acc. MID), currentless reading



Technical data

Dehumidifying capacity / power	30°C / 80% r.h. = 60,0 l/d / 810 W
	27°C / 60% r.h. = 37,0 l/d / 700 W
consumption *	20°C / 60% r.h. = 26,0 l/d / 550 W
	10°C / 70% r.h. = 15,0 l/d / 450 W

Air flow Speed 1/2 = 425 / 700 m³/h

Working range +1°C up to +34°C
35% r.h. 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 (14,0 l).
Unit shutdown when bucket is full.
Connection spigot for hose 12 x 2 mm

Dimensions Height / Width / Depth
720 / 400 / 450 mm

Weight 36 kg

Optional accessory Condensate drain hose 12 x 2 mm
Pump-Kit

Display eDRY



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THE DRYING EXPERTS

AD 580

Application & Function

Operation	Condensation principle (heat-pump technology with energy recovery)
Einsatzbereich	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 coated sheet steel in stainless steel finish
Floor standing. Mobile by 4 castors (D = 75 mm)
Side handles for lifting
Blue-Dry®-Technology for particularly energy-saving operation - even at low humidities and temperatures
Fully hermetic rotary compressor
2-speed energy efficient EC-axial fan for speed-drying and silent drying
Maintenance-friendly refrigerant circuit with service connector
Condenser and evaporator made of copper tubes with aluminium fins
On-demand hot gas defrost system
Easy-to-use electronic eDRY: <ul style="list-style-type: none"> • Display: operating hours • On / off switch • Display: current / rated humidity • desired humidity setting is retained even after power disconnection • continuous operation • fan power adjustable in 2 steps
kWh-counter (calibrated acc. MID), currentless reading



Technical data

Dehumidifying capacity / power	30°C / 80% r.h. = 78,0 l/d / 1070 W 27°C / 60% r.h. = 56,0 l/d / 910 W 20°C / 60% r.h. = 40,0 l/d / 740 W
consumption *	10°C / 70% r.h. = 13,0 l/d / 530 W
Air flow	Speed 1/2 = 600 / 886 m ³ /h
Working range	+1°C up to +34°C 35% r.h. up to 95% r.h.
Noise level	65 dB(A)
Voltage	230 V / 50 Hz
Power cord	4,5 m. with plug
Protection class	IPX4
Refrigerant	R410a
Condensate drain	Easy to remove, carry and empty water collecting container (14,0 l). Unit shutdown when bucket is full. Connection spigot for hose 12 x 2 mm
Dimensions	Height / Width / Depth 790 / 450 / 450 mm
Weight	40 kg
Optional accessory	Condensate drain hose 12 x 2 mm Pump-Kit

Display eDRY



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AERIAL®

THE DRYING EXPERTS

AD 660

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

Performance

Case made of coated sheet steel in stainless steel finish
Floor standing. Excellent mobility due to stable transport frame and wheels
Blue-Dry®-Technology for particularly energy-saving operation - even at low humidities and temperatures
Fully hermetic rotary compressor
2-speed energy efficient EC-axial fan for speed-drying and silent drying
Maintenance-friendly refrigerant circuit with service connector
Condenser and evaporator made of copper tubes with aluminium fins
On-demand hot gas defrost system
Easy-to-use electronic eDRY: <ul style="list-style-type: none"> • Display: operating hours • On / off switch • Display: current / rated humidity • desired humidity setting is retained even after power disconnection • continuous operation • fan power adjustable in 2 steps
kWh-counter (calibrated acc. MID), currentless reading



Technical data

Dehumidifying capacity / power consumption *	30°C / 80% r.h. = 60,0 l/d / 810 W 27°C / 60% r.h. = 37,0 l/d / 700 W 20°C / 60% r.h. = 26,0 l/d / 550 W 10°C / 70% r.h. = 15,0 l/d / 450 W
Air flow	Speed 1/2 = 425 / 700 m ³ /h
Working range	+1°C up to +34°C 35% r.h. 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 (14,0 l). Unit shutdown when bucket is full. Connection spigot for hose 12 x 2 mm
Dimensions	Height / Width / Depth 900 / 540 / 500 mm
Weight	40 kg
Optional accessory	Condensate drain hose 12 x 2 mm Pump-Kit

Display eDRY



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I Condensation-Dehumidifier I

AERIAL®
THE DRYING EXPERTS

AD 680

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 coated sheet steel in stainless steel finish
Floor standing. Excellent mobility due to stable transport frame and wheels
Blue-Dry®-Technology for particularly energy-saving operation - even at low humidities and temperatures
Fully hermetic rotary compressor
2-speed energy efficient EC-axial fan for speed-drying and silent drying
Maintenance-friendly refrigerant circuit with service connector
Condenser and evaporator made of copper tubes with aluminium fins
On-demand hot gas defrost system
Easy-to-use electronic eDRY: <ul style="list-style-type: none"> • Display: operating hours • On / off switch • Display: current / rated humidity • desired humidity setting is retained even after power disconnection • continuous operation • fan power adjustable in 2 steps
kWh-counter (calibrated acc. MID), currentless reading



Technical data

Dehumidifying capacity / power consumption *	30°C / 80% r.h. = 78,0 l/d / 1070 W 27°C / 60% r.h. = 56,0 l/d / 910 W 20°C / 60% r.h. = 40,0 l/d / 740 W 10°C / 70% r.h. = 13,0 l/d / 530 W
Air flow	Speed 1/2 = 600 / 886 m ³ /h
Working range	+1°C up to +34°C 35% r.h. up to 95% r.h.
Noise level	65 dB(A)
Voltage	230 V / 50 Hz
Power cord	4,5 m. with plug
Protection class	IPX4
Refrigerant	R410a
Condensate drain	Easy to remove, carry and empty water collecting container (14,0 l). Unit shutdown when bucket is full. Connection spigot for hose 12 x 2 mm
Dimensions	Height / Width / Depth 975 / 600 / 520 mm
Weight	45 kg
Optional accessory	Condensate drain hose 12 x 2 mm Pump-Kit

Display eDRY



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