

I Data sheet I

I Swimming pool dryer I

AERIAL[®]
THE DRYING EXPERTS

AP 50

Application & Function

Operation	Condensation principle (heat-pump technology with energy recovery)
Application	Swimming pools, whirlpool and sauna anterooms, gym, changings rooms, etc.
Suitability	Indoor-pools with water surface up to 25 m ² *** heated rooms up to 400 m ³ ** unheated rooms up to 200 m ³ **



Performance

Case made of inside and outside powder coated sheet steel
Air flow: Air intake at the front, air outtake on the top
Near-ground or elevated wall mounting
Fully hermetic rotary compressor
Energy-efficient radial fan
Maintenance-friendly refrigerant circuit with service connector
Heat exchangers made of copper tubes with Alu-lamellaes, with corrosion-resistant special coating
On-demand defrost system
Operation elements: <ul style="list-style-type: none">• Built-in hygrostat for variable humidity control• neon for "Defrost mode"• neon for "humidity OK"• neon for "Thermical switch off"

Technical data

Dehumidifying capacity / power consumption *	30°C / 80% r.h. = 47,0 l/d / 770 W 27°C / 60% r.h. = 25,3 l/d / 715 W 20°C / 60% r.h. = 18,1 l/d / 670 W 10°C / 70% r.h. = 11,6 l/d / 630 W
Air flow	875 m ³ /h
Working range	+10°C up to +32°C 40% r.F. up to 95% r.h.
Noise level	50 dB(A)
Voltage	230 V / 50 Hz
Power cord	without (on-site electrical installation required)
Protection class	IPX4
Refrigerant	R134a
Condensate drain	Hose connector for condensate-hose 15 x 2 mm
Dimensions	Height / Width / Depth 740 / 824 / 261 mm
Weight	54 kgs
Optional available accessories	condensate hose 15 x 2 mm Socket for fresh air Pump-Kit

* Acc to DIN EN810 - ** Experience values for storerooms

*** Depending on water and room temperature

Valid June 2017 - Subject to change

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AERIAL GmbH - Oststrasse 148 - 22844 Norderstedt - Phone +49 40 526 879 0 - Fax +49 40 526 879 20
info@aerial.de - www.aerial.de

AP 70

Application & Function

Operation	Condensation principle (heat-pump technology with energy recovery)
Application	Swimming pools, whirlpool and sauna anterooms, gym, changings rooms, etc.
Suitability	Indoor-pools with water surface up to 40 m ² *** heated rooms up to 900 m ³ ** unheated rooms up to 450 m ³ **



Performance

Case made of inside and outside powder coated sheet steel
Air flow: Air intake at the front, air outtake on the top
Near-ground or elevated wall mounting
Fully hermetic rotary compressor
Energy-efficient radial fan
Maintenance-friendly refrigerant circuit with service connector
Heat exchangers made of copper tubes with Alu-lamellaes, with corrosion-resistant special coating
On-demand defrost system
Operation elements: <ul style="list-style-type: none"> • Built-in hygrostat for variable humidity control • neon for "Defrost mode" • neon for "humidity OK" • neon for "Thermical switch off"

Technical data

Dehumidifying capacity / power consumption *	30°C / 80% r.h. = 62,4 l/d / 1000 W 27°C / 60% r.h. = 33,6 l/d / 850 W 20°C / 60% r.h. = 24,0 l/d / 720 W 10°C / 70% r.h. = 15,0 l/d / 700 W
Air flow	1000 m ³ /h
Working range	+10°C up to +32°C 40% r.F. up to 95% r.h.
Noise level	52 dB(A)
Voltage	230 V / 50 Hz
Power cord	without (on-site electrical installation required)
Protection class	IPX4
Refrigerant	R134a
Condensate drain	Hose connector for condensate-hose 15 x 2 mm
Dimensions	Height / Width / Depth 740 / 1024 / 261 mm
Weight	54 kgs
Optional available accessories	condensate hose 15 x 2 mm Socket for fresh air Pump-Kit

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