

# I Data sheet I

## I Condensation-Dehumidifier I

# AERIAL®

THE DRYING EXPERTS

### AD 740

#### Application & Function

<b>Operation</b>	Condensation principle (heat-pump technology with energy recovery)
<b>Application</b>	Water damage drying, drying buildings, waterworks, storage, basement, garages, archives, etc.
<b>Suitability</b>	heated rooms up to 500 m <sup>3</sup> * unheated rooms up to 350 m <sup>3</sup> *

#### Performance

Extremely robust, shock-resistant and UV-resistant plastic housing. Robust and easy-care surface.
5 year warranty on all PE housing parts
Floor standing. High stability - even during operation. Optimum mobility by two plastic wheels (D = 190 mm) and folding handle
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 refr.-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"> <li>• On-/Off-Switch</li> <li>• desired humidity setting (is retained even after power disconnection)</li> <li>• fan speed adjustable in 2 steps</li> <li>• continuous operation / night mode</li> <li>• Display: Operation time hours / existing / selected humidity</li> <li>• neon: tank full</li> </ul>
kWh-counter (calibrated acc. MID), currentless reading
Automatic restart after power failure



#### Technical data

<b>Dehumidifying capacity / power consumption</b>	30°C / 80% r.h. = 37,0 l/d / 520 W 27°C / 60% r.h. = 23,0 l/d / 430 W 20°C / 60% r.h. = 16,5 l/d / 390 W 10°C / 70% r.h. = 8,0 l/d / 320 W
<b>Air flow</b>	speed 1/2 = 450 / 550 m <sup>3</sup> /h
<b>Working range</b>	+1°C up to +38°C 35% r.F. up to 99% r.h.
<b>Noise level</b>	51 dB(A)
<b>Voltage</b>	230 V / 50 Hz
<b>Power Cord</b>	4,5 m. with plug
<b>Prot. Class</b>	IPX4
<b>Refrigerant</b>	R407c
<b>Condensate drain</b>	Easy to remove, carry and empty water collecting container (6,8 l.). Unit shutdown when bucket is full. Connection spigot for hose 15 x 2 mm
<b>Dimensions</b>	Height / Width / Depth 690 / 390 / 470 mm
<b>Weight</b>	32 kgs
<b>Optional accessory</b>	Condensate drain hose 15 x 2 mm Pump-Kit

#### Operation panel eDRY



\* Experience values for storerooms - Valid April 2018 - Subject to change

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