

# I Data sheet I

## I Condensation-Dehumidifier I

**AERIAL**<sup>®</sup>  
THE DRYING EXPERTS

### AD 110

#### Application & Function

<b>Operation</b>	Condensation principle (heat-pump technology with energy recovery)
<b>Application</b>	Waterworks, storage, basement, garages, archives, fitness and sauna areas, changing rooms, etc.
<b>Suitability</b>	heated rooms up to 140 m <sup>3</sup> * unheated rooms up to 70 m <sup>3</sup> *

#### Performance

Case made of stainless steel
Air intake left through air filter, air outlet at the front, draft-free, through slanted slats
Space-saving wall mounting
Fully hermetic piston 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"> <li>• included hygostat for variable humidity control</li> <li>• operation hour counter</li> <li>• LED for "pump fault"</li> <li>• LED for "temperature warning"</li> <li>• LED for "humidity OK"</li> </ul>
included condensate pump with 3m pump height
Automatic restart after power failure



#### Technical data

<b>Dehumidifying capacity / power consumption</b>	30°C / 80% r.h. =	15 l/d	330 W
	20°C / 60% r.h. =	8.5 l/d	236 W
	15°C / 70% r.h. =	8 l/d	215 W
<b>Air flow</b>	225 m <sup>3</sup> /h		
<b>Working range</b>	+5°C up to +30°C 35% r.h. up to 95% r.h.		
<b>Noise level</b>	46 dB(A)		
<b>Voltage</b>	230 V / 50 Hz		
<b>Power cord</b>	3 m with plug		
<b>Protection class</b>	IP54		
<b>Refrigerant</b>	R1234yf		
<b>Condensate drain</b>	Condensate drain hose 12 x 2 mm 3 m mounted on the device		
<b>Dimensions</b>	Height / Width / Depth 490 / 330 / 280 mm		
<b>Weight</b>	18,5 kgs		
<b>Optional accessory</b>	Condensate drain hose 12 x 2 mm		

\* Experience values for storerooms - Valid März 2019 - Subject to change

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