

# I Data sheet I

## I Swimming pool dryer I

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

### AP 50

#### Application & Function

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



#### Performance

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|--|
| 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"> <li>• Built-in hygrostat for variable humidity control</li> <li>• neon for "Defrost mode"</li> <li>• neon for "humidity OK"</li> <li>• neon for "Thermical switch off"</li> </ul> |

#### Technical data

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

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

\*\*\* Depending on water and room temperature

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