

# I Data sheet I

## I Condensation-Dehumidifier I

**AERIAL®**  
THE DRYING EXPERTS

### AD 540

#### 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 450 m <sup>3</sup> *<br>unheated rooms up to 300 m <sup>3</sup> *          |

#### Performance

|   |
|---|
| Case made of galvanized sheet steel, coated 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"> <li>• Display: operating hours</li> <li>• On / off switch</li> <li>• Display: current / rated humidity</li> <li>• desired humidity setting is retained even after power disconnection</li> <li>• continuous operation</li> <li>• fan power adjustable in 2 steps</li> </ul> |
| kWh-counter (calibrated acc. MID), currentless reading  |
| Automatic restart after power failure   |

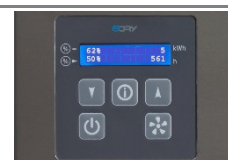


#### Technical data

|   |                                |
|---|--------------------------------|
| <b>Dehumidifying capacity / power consumption</b> | 30°C / 80% r.F. = 34 l/d 680 W |
|   | 20°C / 60% r.F. = 17 l/d 500 W |
|   | 15°C / 70% r.F. = 19 l/d 415 W |

|                           |   |
|---------------------------|---|
| <b>Air flow</b>           | Speed 1/2 = 500 / 620 m <sup>3</sup> /h   |
| <b>Working range</b>      | +1°C up to +34°C<br>35% r.h. up to 95% 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>Protection class</b>   | IPX4  |
| <b>Refrigerant</b>        | R454C   |
| <b>Condensate drain</b>   | Easy to remove, carry and empty water collecting container (7,0 l).<br>Unit shutdown when bucket is full.<br>Connection spigot for hose 12 x 2 mm |
| <b>Dimensions</b>         | Height / Width / Depth<br>578 / 329 / 380 mm  |
| <b>Weight</b>             | 24 kgs  |
| <b>Optional accessory</b> | Condensate drain hose 12 x 2 mm<br>wall bracket<br>Pump-Kit   |

#### Display eDRY



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

Version: 2020-03-15

**FUGTKONTROL**  
Charlottevej 2  
4270 Høng

Tlf.: +45 58851008  
[www.fugtkontrol.dk](http://www.fugtkontrol.dk)  
[info@fugtkontrol.dk](mailto:info@fugtkontrol.dk)

