

# I Data sheet I

## I Condensation-Dehumidifier I

# AERIAL®

THE DRYING EXPERTS

### AD 520

#### 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 200 m <sup>3</sup> **<br>unheated rooms up to 150 m <sup>3</sup> **        |

#### Performance

|   |
|---|
| Case made of coated sheet steel 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  |

#### Distributor:



Control Technologies FZE  
PO Box 122271, SAIF Zone,  
Sharjah, UAE.  
T: +971 6 5489626 / 050-1537113  
E: sales@ctrltechnologies.com

\* Acc to DIN EN810

\*\* Experience values for storerooms - Valid June 2017 - Subject to change



#### Technical data

|   |  |
|---|--|
| <b>Dehumidifying capacity / power consumption *</b> | 30°C / 80% r.h. = 19,0 l/d / 330 W<br>27°C / 60% r.h. = 11,0 l/d / 295 W<br>20°C / 60% r.h. = 8,0 l/d / 260 W<br>10°C / 70% r.h. = 5,0 l/d / 210 W |
| <b>Air flow</b>                                     | Speed 1/2 = 250 / 340 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>                                  | 46 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>                                  | R134a  |
| <b>Kondensat-ablauf</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>524 / 320 / 360 mm   |
| <b>Weight</b>                                       | 17 kgs   |
| <b>Optional accessory</b>                           | Condensate drain hose 12 x 2 mm<br>wall bracket<br>Pump-Kit  |

#### Display eDRY



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