



## TECHNICAL DATA SHEET

**CODE:**  
**08L.A136BG0.00BG**  
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### REFRIGERATED COMPRESSED AIR DRYER

#### MODEL:

**ED 13600 400/3/50**

Rated capacity\*

|                         |                   |              |                   |
|-------------------------|-------------------|--------------|-------------------|
| Flow rate               | m <sup>3</sup> /h | 13600        |                   |
|                         | l/min             | 226667       |                   |
|                         | cfm               | 8004,7       |                   |
| Inlet air temperature   | °C / °F           | 35 / 95      | (Max 60 / 140)    |
| Outlet air temperature  | °C / °F           | 27 / 81      | (Max 47 / 117)    |
| Ambient temperature     | °C / °F           | 25 / 77      | (Max 46 / 115)    |
| Working pressure        | bar / psi         | 7,0 / 101,5  | (Max 13 / 189)    |
| Pressure drop           | bar / psi         | 0,3 / 4,35   | (Max 0,34 / 4,93) |
| Pressure dew point      | °C / °F           | 3 / 37       |                   |
| Power supply            | V/Ph/Hz           | 400/3/50     | (±10% / -- / ±1)  |
| Rated power consumption | kW                | 22,32        | (Max 34,96)       |
| Rated adsorption        | A                 | 38           | (Max 54,99)       |
| Lock Rotor Ampere       | A                 | 320          |                   |
| Weight                  | Kg / Lbs          | 1360 / 2.999 |                   |
| Air connections         | IN/OUT            | DN 200 PN16  |                   |
| Coolant type            | Freon             | R407C        |                   |

#### Standard features

|                    |                          |                        |                       |
|--------------------|--------------------------|------------------------|-----------------------|
| Control panel:     | Electronic system type   | Separator type:        | Demister type         |
| Condenser cooling: | Air cooled               | Compressor type:       | Hermetic type         |
| Ventilator motor:  | Suction fan              | Installation location: | Indoor                |
| Heat exchanger:    | Aluminium brazed plate   | Drain discharge:       | No loss (Smart drain) |
| Expansion method:  | Capillary tube + by-pass | Electric protection:   | IP 42                 |

\* Performances refer to air suction of FAD 20°C (68°F), 1 bar (14.5 psig), and the following operating conditions: 7 bar (100 psig) working pressure, 3°C (37°F) pressure dewpoint, 25°C (77°F) ambient temperature, 35°C (95°F) compressed air inlet temperature.

Performances & specifications: +/- 5%

