

## REFRIGERATED COMPRESSED AIR DRYER

### MODEL:

**ED12000 400/3/50**

Rated capacity\*

|                                |                                |                    |                   |
|--------------------------------|--------------------------------|--------------------|-------------------|
| <b>Flow rate</b>               | m <sup>3</sup> /h              | 12000              |                   |
|                                | l/min                          | 200000             |                   |
|                                | cfm                            | 7062,9             |                   |
| <b>Inlet air temperature</b>   | °C / °F                        | 35 / 95            | (Max 60 / 140)    |
| <b>Outlet air temperature</b>  | °C / °F                        | 27 / 81            | (Max 47 / 117)    |
| <b>Ambient temperature</b>     | °C / °F                        | 25 / 77            | (Max 46 / 115)    |
| <b>Working pressure</b>        | bar / psi                      | 7,0 / 101,5        | (Max 13 / 189)    |
| <b>Pressure drop</b>           | bar / psi                      | 0,3 / 4,35         | (Max 0,34 / 4,93) |
| <b>Pressure dew point</b>      | °C / °F                        | 3 / 37             |                   |
| <b>Power supply</b>            | V/Ph/Hz                        | 400/3/50           | (±10% / -- / ±1)  |
| <b>Rated power consumption</b> | kW                             | 18,16              | (Max 29,03)       |
| <b>Rated adsorption</b>        | A                              | 32,69              | (Max 47,19)       |
| <b>Lock Rotor Ampere</b>       | A                              | 270                |                   |
| <b>Weight</b>                  | kg / Lbs                       | 1205 / 2.657       |                   |
| <b>Air connections</b>         | IN/OUT                         | DN 200 PN16        |                   |
| <b>Coolant type</b>            | Freon / kg / t CO <sub>2</sub> | R407C / 26 / 46,12 |                   |

### Standard features

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

