

## REFRIGERATED COMPRESSED AIR DRYER

### MODEL:

**ED17600W 400/3/50**

Rated capacity\*

|                         |                                |                             |                   |
|-------------------------|--------------------------------|-----------------------------|-------------------|
| Flow rate               | m <sup>3</sup> /h              | 17600                       |                   |
|                         | l/min                          | 293333                      |                   |
|                         | cfm                            | 10359,0                     |                   |
| Inlet air temperature   | °C / °F                        | 35 / 95                     | (Max 60 / 140)    |
| Outlet air temperature  | °C / °F                        | 27 / 81                     | (Max 40 / 104)    |
| Water temperature       | °C / °F                        | 29,4 / 84                   | (Max 40 / 104)    |
| Water consumption       | m <sup>3</sup> /h              | 23,4                        | (Max 29,3)        |
| Working pressure        | bar / psi                      | 7,0 / 102                   | (Max 13 / 189)    |
| Pressure drop           | bar / psi                      | 0,25 / 3,63                 | (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                             | 2 x 13,52                   | (Max 2 x 23,86)   |
| Rated adsorption        | A                              | 2 x 24,81                   | (Max 2 x 38,55)   |
| Lock Rotor Ampere       | A                              | 2 x 215                     |                   |
| Weight                  | kg / Lbs                       | 2190 / 4.829                |                   |
| Air connections         | IN/OUT                         | 2 x DN 200 PN16             |                   |
| Water connections       | IN/OUT                         | 2 x 2" BSP                  |                   |
| Water pressure          | bar / psi                      | Min. 2 / 29 - Max. 10 / 145 |                   |
| Ambient temperature     | °C / °F                        | 25 / 77                     | (Max 46 / 115)    |
| Coolant type            | Freon / kg / t CO <sub>2</sub> | R407C / 2x18,5 / 63,86      |                   |

### Standard features

|                       |                              |                        |                       |
|-----------------------|------------------------------|------------------------|-----------------------|
| Control panel:        | Electronic system type       | Separator type:        | Demister type         |
| Condenser:            | Water cooled, shell and tube | Compressor type:       | Hermetic type         |
| Water flow regulator: | Pressostatic valve           | 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, 29.4°C (84.9°F) water temperature, 35°C (95°F) compressed air inlet temperature.

Performances & specifications: +/- 5%

|                                                                                     |         |                                                                                     |                   |    |           |
|-------------------------------------------------------------------------------------|---------|-------------------------------------------------------------------------------------|-------------------|----|-----------|
|  | Air in  |  | Power supply      | WI | Water in  |
|  | Air out |  | Condensate outlet | WO | Water out |

