



## TECHNICAL DATA SHEET

**CODE:**  
**08L.0108BG0.00B0**  
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### REFRIGERATED COMPRESSED AIR DRYER

#### MODEL:

**ED 108 230/1/50**

Rated capacity\*

|                         |                                |                             |                   |
|-------------------------|--------------------------------|-----------------------------|-------------------|
| Flow rate               | m <sup>3</sup> /h              | 108                         |                   |
|                         | l/min                          | 1800                        |                   |
|                         | cfm                            | 63,6                        |                   |
| 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 50 / 122)    |
| Working pressure        | bar / psi                      | 7,0 / 101,5                 | (Max 16 / 232)    |
| Pressure drop           | bar / psi                      | 0,07 / 1,02                 | (Max 0,34 / 4,93) |
| Pressure dew point      | °C / °F                        | 3 / 37                      |                   |
| Power supply            | V/Ph/Hz                        | 230/1/50                    | (±10% / -- / ±1)  |
| Rated power consumption | kW                             | 0,41                        | (Max 0,63)        |
| Rated adsorption        | A                              | 2,47                        | (Max 3,36)        |
| Lock Rotor Ampere       | A                              | 20                          |                   |
| Weight                  | kg / Lbs                       | 36 / 79                     |                   |
| Air connections         | IN/OUT                         | ¾" BSP                      |                   |
| Coolant type            | Freon / kg / t CO <sub>2</sub> | <b>R513A / 0,20 / 0,126</b> |                   |

#### Standard features

|                    |                        |                        |                      |
|--------------------|------------------------|------------------------|----------------------|
| Control panel:     | Electronic system type | Separator type:        | Demister type        |
| Condenser cooling: | Air cooled             | Compressor type:       | Hermetic type        |
| Ventilator motor:  | Pusher fan             | Installation location: | Indoor               |
| Heat exchanger:    | Aluminium brazed plate | Drain discharge:       | Timed solenoid valve |
| Expansion method:  | Capillary tube         | 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%

