

## REFRIGERATED COMPRESSED AIR DRYER

### MODEL:

**HTD 70 230/1/50**

Rated capacity\*

|                         |                               |                       |                              |
|-------------------------|-------------------------------|-----------------------|------------------------------|
| Flow rate               | m <sup>3</sup> /h             | 70                    |                              |
|                         | l/min                         | 1167                  |                              |
|                         | cfm                           | 41,2                  |                              |
| Inlet air temperature   | °C / °F                       | 60 / 140              | (Min 32 / 90 ÷ Max 82 / 180) |
| Outlet air temperature  | °C / °F                       | 27 / 81               | (Max 47 / 117)               |
| Ambient temperature     | °C / °F                       | 25 / 77               | (Min 5 / 41 ÷ Max 45 / 113)  |
| Working pressure        | bar / psi                     | 7,0 / 101,5           | (Min 3 / 44 ÷ Max 16 / 232)  |
| Pressure drop           | bar / psi                     | 0,33 / 4,79           | (Max 0,34 / 4,93)            |
| Pressure dew point      | °C / °F                       | 7 / 45                |                              |
| Power supply            | V/Ph/Hz                       | 230/1/50              | (±10% / -- / ±1)             |
| Rated power consumption | kW                            | 0,41                  | (Max 0,56)                   |
| Rated adsorption        | A                             | 2,92                  | (Max 3,56)                   |
| Lock Rotor Ampere       | A                             | 16                    |                              |
| Weight                  | kg / Lbs                      | 34 / 75               |                              |
| Air connections         | IN/OUT                        | ½" BSP                |                              |
| Coolant type            | Type / kg / t CO <sub>2</sub> | R134a / 0,340 / 0,486 |                              |

### 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:       | 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, 60°C (140°F) compressed air inlet temperature.

Performances & specifications: +/- 5%

