

## REFRIGERATED COMPRESSED AIR DRYER

**MODEL:**

**HTD 140 230/1/50**

Rated capacity\*

|                                |                               |                              |                              |
|--------------------------------|-------------------------------|------------------------------|------------------------------|
| <b>Flow rate</b>               | m <sup>3</sup> /h             | 140                          |                              |
|                                | l/min                         | 2333                         |                              |
|                                | cfm                           | 82,4                         |                              |
| <b>Inlet air temperature</b>   | °C / °F                       | 60 / 140                     | (Min 32 / 90 ÷ Max 82 / 180) |
| <b>Outlet air temperature</b>  | °C / °F                       | 27 / 81                      | (Max 47 / 117)               |
| <b>Ambient temperature</b>     | °C / °F                       | 25 / 77                      | (Min 5 / 41 ÷ Max 45 / 113)  |
| <b>Working pressure</b>        | bar / psi                     | 7,0 / 101,5                  | (Min 3 / 44 ÷ Max 16 / 232)  |
| <b>Pressure drop</b>           | bar / psi                     | 0,22 / 3,19                  | (Max 0,34 / 4,93)            |
| <b>Pressure dew point</b>      | °C / °F                       | 7 / 45                       |                              |
| <b>Power supply</b>            | V/Ph/Hz                       | 230/1/50                     | (±10% / -- / ±1)             |
| <b>Rated power consumption</b> | kW                            | 0,5                          | (Max 0,66)                   |
| <b>Rated adsorption</b>        | A                             | 3,31                         | (Max 3,91)                   |
| <b>Lock Rotor Ampere</b>       | A                             | 19,5                         |                              |
| <b>Weight</b>                  | kg / Lbs                      | 55 / 121                     |                              |
| <b>Air connections</b>         | IN/OUT                        | ¾" BSP                       |                              |
| <b>Coolant type</b>            | Type / kg / t CO <sub>2</sub> | <b>R134a / 0,530 / 0,758</b> |                              |

### 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>       | Timed solenoid valve |
| <b>Expansion method:</b>  | Capillary tube         | <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, 60°C (140°F) compressed air inlet temperature.

**Performances & specifications: +/- 5%**

|                                                                                     |         |                                                                                     |                   |                                                                                       |          |
|-------------------------------------------------------------------------------------|---------|-------------------------------------------------------------------------------------|-------------------|---------------------------------------------------------------------------------------|----------|
|  | Air in  |  | Power supply      |  | Air flow |
|  | Air out |  | Condensate outlet |                                                                                       |          |

