

## DESICCANT DRYER

**Model**

**KMD250 - 40°C**

**Type**

**HEATLESS REGENERATION**

**Operating data**

|                                       |                   |      |
|---------------------------------------|-------------------|------|
| Application fluid                     |                   | AIR  |
| Nominal capacity                      | l/min             | 4167 |
|                                       | m <sup>3</sup> /h | 250  |
|                                       | cfm               | 147  |
| <b>Nominal conditions</b>             |                   |      |
| Working pressure                      | barg              | 7    |
| Air inlet temperature                 | °C                | 35   |
| Pressure dew point                    | °C                | - 40 |
| Inlet air relative humidity           | %                 | 100  |
| Pressure drop                         | bar               | 0,2  |
| Standard complete drying cycle time   | min               | 10   |
| Standard drying cycle time per column | min               | 5    |
| Regeneration air consumption          | m <sup>3</sup> /h | 45   |

Without Energy Management System (EMS)

**Operating limits**

|                               |      |    |
|-------------------------------|------|----|
| Minimum working pressure      | barg | 4  |
| Maximum working pressure      | barg | 14 |
| Maximum inlet air temperature | °C   | 50 |
| Minimum ambient temperature   | °C   | 2  |
| Maximum ambient temperature   | °C   | 46 |

**General data**

|                     |         |             |
|---------------------|---------|-------------|
| Air connections     | IN/OUT  | 1"½ BSPP    |
| Power supply        | V/Ph/Hz | 230/1/50-60 |
| Desiccant medium    |         | Alumina     |
| Electric protection |         | IP 54       |
| Weight              | kg      | 180         |

**Dimensions**

|            |      |
|------------|------|
| Height (A) | 1905 |
| Width (B)  | 536  |
| Depth (C)  | 495  |

