

DRYER DATA SHEET

Refrigerant Dryers

| MODEL DATA | | | | |
|------------|-------------------------------------|--------------------|-----------------|-------------------|
| 1 | Manufacturer | MIKROPOR | | |
| 2 | Date | 13 03 2017 | | |
| 3 | Model Number | MK-US-100 | | |
| 4 | Cycling / Non-Cycling | NON-CYCLING | | |
| 5 | Refrigerant Type | R134a | | |
| 6 | Air/Water Cooled | Air Cooled | | |
| 7 | Voltage | 115 V | | |
| | DESCRIPTION | FULL FLOW | 10% FLOW | UNITS |
| 6 | Tested Flow ^a | 100 | 10 | scfm ^b |
| 7 | Outlet Pressure Dewpoint | 39,6 | 39,0 | °F |
| 8 | Pressure Drop | 1,7 | 0,29 | psi(d) |
| 9 | Total Dryer Input Power | 1,26 | 1,12 | kW |
| 10 | Specific Package Power ^c | 1,26 | 11,20 | kW/100 scfm |

Notes:

- a. Dryer ratings at the following inlet conditions to the dryer (as per ISO 7183, Table 2, Option A2):
 - Inlet Compressed Air Temperature: 100°F (38°C)
 - Inlet Compressed Air Pressure: 100 psig (7 Bar)
 - Max. Ambient Air Temperature: 100°F (38°C)
 - Inlet Compressed Air Relative Humidity: 100% (Saturated)
- b. SCFM defined as the volume of free air in cubic feet per minute measured at 14.5 psia (1.0 Bar), 68°F (20°C) temperature and 0% R.H. (0 WVP).
- c. $(\text{Total Dryer Input Power}/\text{tested flow}) \times 100$

Member

This form was developed by the Compressed Air and Gas Institute for the use of its members. CAGI has not independently verified the reported data.



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