

**DRYER DATA SHEET**  
**Refrigerant Dryers**

<b>MODEL DATA</b>				
1	Manufacturer	MIKROPOR		
2	Date	13 03 2017		
3	Model Number	<b>MK-US-5000</b>		
4	Cycling / Non-Cycling	<b>NON-CYCLING</b>		
5	Refrigerant Type	<b>R134a</b>		
6	Air/Water Cooled	<b>Air Cooled</b>		
7	Voltage	<b>460 V</b>		
	<b>DESCRIPTION</b>	<b>FULL FLOW</b>	<b>10% FLOW</b>	<b>UNITS</b>
6	Tested Flow <sup>a</sup>	5000	500	scfm <sup>b</sup>
7	Outlet Pressure Dewpoint	40,1	39,0	°F
8	Pressure Drop	2,5	1	psi(d)
9	Total Dryer Input Power	25,56	22,76	kW
10	Specific Package Power <sup>c</sup>	0,51	4,55	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. (Total Dryer Input Power/tested flow) x 100

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.

Member



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