

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

<b>MODEL DATA</b>				
1	Manufacturer	MIKROPOR		
2	Date	17 04 26		
3	Model Number	MCY-US-5000		
4	Cycling / Non-Cycling	CYCLING		
5	Refrigerant Type	R513a		
6	Air/Water Cooled	Air Cooled		
7	Voltage	460 V		
	<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	48,5	40,8	°F
8	Pressure Drop	2,5	0,29	psi(d)
9	Total Dryer Input Power	26,41	8,45	kW
10	Specific Package Power <sup>c</sup>	0,53	1,69	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.  $(\text{Total Dryer Input Power}/\text{tested flow}) \times 100$

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



Consult the CAGI website, [www.cagi.org](http://www.cagi.org), for a list of participants in the third party verification program.