

DRYER DATA SHEET
Refrigerant Dryers

MODEL DATA				
1	Manufacturer	MIKROPOR		
2	Date	17 04 26		
3	Model Number	MCY-US-3000		
4	Cycling / Non-Cycling	CYCLING		
5	Refrigerant Type	R513a		
6	Air/Water Cooled	Air Cooled		
7	Voltage	460 V		
	DESCRIPTION	FULL FLOW	10% FLOW	UNITS
6	Tested Flow ^a	3000	300	scfm ^b
7	Outlet Pressure Dewpoint	49,0	40,8	°F
8	Pressure Drop	2,5	0,29	psi(d)
9	Total Dryer Input Power	16,48	5,27	kW
10	Specific Package Power ^c	0,55	1,76	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



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