

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

<b>MODEL DATA</b>				
1	Manufacturer	MIKROPOR		
2	Date	13 03 2017		
3	Model Number	<b>MK-US-35</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>115 V</b>		
	<b>DESCRIPTION</b>	<b>FULL FLOW</b>	<b>10% FLOW</b>	<b>UNITS</b>
6	Tested Flow <sup>a</sup>	35	3,5	scfm <sup>b</sup>
7	Outlet Pressure Dewpoint	41,5	39,0	°F
8	Pressure Drop	1,5	1	psi(d)
9	Total Dryer Input Power	0,66	0,59	kW
10	Specific Package Power <sup>c</sup>	1,89	16,82	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.



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