

DRYER DATA SHEET

Refrigerant Dryers

MODEL DATA				
1	Manufacturer	Ingersoll Rand		
2	Date	1/14/25		
3	Model Number	DA85ECA100		
4	Cycling/Non-Cycling	Cycling		
5	Refrigerant Type	R513A		
6	Air/Water Cooled	Air		
7	Voltage	120		
	DESCRIPTION	FULL FLOW	10% FLOW	UNITS
8	Tested Flow	50	5	scfm ^b
9	Outlet Pressure Dewpoint	38.9	38.8	°F
10	Pressure Drop	1.5	.10	psi(d)
11	Total Dryer Input Power	.712	.424	kW
12	Specific Package Power ^c	1.423	8.471	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

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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