

DRYER DATA SHEET

Refrigerant Dryers

MODEL DATA				
1	Manufacturer	Ingersoll Rand Industrial		
2	Date	July 10, 2024		
3	Model Number	DAV85INA100		
4	Cycling/Non-Cycling	Non-Cycling		
5	Refrigerant Type	R134a		
6	Air/Water Cooled	Air		
7	Voltage	115/1/60		
	DESCRIPTION	FULL FLOW	10% FLOW	UNITS
8	Tested Flow ^a	50	5	scfm ^b
9	Outlet Pressure Dew Point	56.3	46.0	°F
10	Pressure Drop	3.6	0.4	psi(d)
11	Total Dryer Input Power	5.73	5.49	kW
12	Specific Package Power ^c	11.46	109.8	kW/100 scfm

Notes:

a. Dryer ratings at the following inlet conditions to the dryer (as per adopted CAGI Standard ADF 100):

- Inlet Compressed Air Temperature: 100°F (37.78°C)
- Inlet Compressed Air Pressure: 100 psig (6.9 Bar)
- Max. Ambient Air Temperature: 100°F (37.78°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.