

DRYER DATA SHEET

Refrigerant Dryers

MODEL DATA				
1	Manufacturer	Ingersoll Rand Industrial		
2	Date	July 10, 2024		
3	Model Number	DAV850INA400		
4	Cycling/Non-Cycling	Non-Cycling		
5	Refrigerant Type	R407C		
6	Air/Water Cooled	Air		
7	Voltage	460/3/60		
	DESCRIPTION	FULL FLOW	10% FLOW	UNITS
8	Tested Flow ^a	500	50	scfm ^b
9	Outlet Pressure Dew Point	44.6	35.8	°F
10	Pressure Drop	2.60	0.08	psi(d)
11	Total Dryer Input Power	3.05	2.93	kW
12	Specific Package Power ^c	0.61	5.86	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



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