

## DRYER DATA SHEET

### Refrigerant Dryers

MODEL DATA				
1	Manufacturer	<b>Ingersoll Rand Industrial</b>		
2	Date	<b>July 10, 2024</b>		
3	Model Number	<b>DAV425INA400</b>		
4	Cycling/Non-Cycling	<b>Non-Cycling</b>		
5	Refrigerant Type	<b>R407C</b>		
6	Air/Water Cooled	<b>Air</b>		
7	Voltage	<b>460/3/60</b>		
	<b>DESCRIPTION</b>	<b>FULL FLOW</b>	<b>10% FLOW</b>	<b>UNITS</b>
8	Tested Flow <sup>a</sup>	<b>250</b>	<b>25</b>	scfm <sup>b</sup>
9	Outlet Pressure Dew Point	<b>43.2</b>	<b>32.9</b>	°F
10	Pressure Drop	<b>2.53</b>	<b>0.06</b>	psi(d)
11	Total Dryer Input Power	<b>1.82</b>	<b>1.69</b>	kW
12	Specific Package Power <sup>c</sup>	<b>0.73</b>	<b>6.76</b>	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.