

DRYER DATA SHEET

Refrigerant Dryers

| MODEL DATA | | | | |
|------------|-------------------------------------|----------------------------------|-----------------|-------------------|
| 1 | Manufacturer | Ingersoll Rand Industrial | | |
| 2 | Date | July 10, 2024 | | |
| 3 | Model Number | DAV212INA100 | | |
| 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 | 125 | 12.5 | scfm ^b |
| 9 | Outlet Pressure Dew Point | 44.6 | 41.9 | °F |
| 10 | Pressure Drop | 4.96 | 0.16 | psi(d) |
| 11 | Total Dryer Input Power | 0.74 | 0.69 | kW |
| 12 | Specific Package Power ^c | 0.59 | 5.54 | 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.