

DRYER DATA SHEET

Refrigerant Dryers

| MODEL DATA | | | | |
|------------|-------------------------------------|--------------------|--------------|-------------------|
| 1 | Manufacturer | Ingersoll Rand | | |
| 2 | Date | 10/21/20 | | |
| 3 | Model Number | DA212ECA100 | | |
| 4 | Cycling/Non-Cycling | Cycling | | |
| 5 | Refrigerant Type | R134A | | |
| 6 | Air/Water Cooled | Air | | |
| 7 | Voltage | 120 | | |
| | DESCRIPTION | FULL FLOW | 10% FLOW | UNITS |
| 8 | Tested Flow | 125 | 12.5 | scfm ^b |
| 9 | Outlet Pressure Dewpoint | 38.5 | 38.5 | °F |
| 10 | Pressure Drop | 2.10 | .13 | psi(d) |
| 11 | Total Dryer Input Power | 1.054 | .399 | kW |
| 12 | Specific Package Power ^c | .843 | 3.191 | 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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