



DRYER DATA SHEET
Refrigerant Dryers

| MODEL DATA | | | | |
|-------------------|-------------------------------------|-----------------------|-----------------|-------------------|
| 1 | Manufacturer | Ingersoll Rand | | |
| 2 | Date | 5/31/11 | | |
| 3 | Model Number | NVC700W400 | | |
| 4 | Cycling/Non-Cycling | Cycling | | |
| 5 | Refrigerant Type | R404A | | |
| | DESCRIPTION | FULL FLOW | 10% FLOW | UNITS |
| 6 | Tested Flow | 700 | 70 | scfm ^b |
| 7 | Outlet Pressure Dewpoint | 39 | 39 | °F |
| 8 | Pressure Drop | 2.5 | 0.1 | psi(d) |
| 9 | Total Dryer Input Power | 3.60 | .47 | kW |
| 10 | Specific Package Power ^c | .51 | .67 | 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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