



**DRYER DATA SHEET**  
**Refrigerant Dryers**

<b>MODEL DATA</b>				
1	Manufacturer	<b>Ingersoll Rand</b>		
2	Date	<b>5/29/13</b>		
3	Model Number	<b>NVC500A400</b>		
4	Cycling/Non-Cycling	<b>Cycling</b>		
5	Refrigerant Type	<b>R404A</b>		
	<b>DESCRIPTION</b>	<b>FULL FLOW</b>	<b>10% FLOW</b>	<b>UNITS</b>
6	Tested Flow	<b>500</b>	<b>50</b>	scfm <sup>b</sup>
7	Outlet Pressure Dewpoint	<b>41.7</b>	<b>39</b>	°F
8	Pressure Drop	<b>2.9</b>	<b>0.1</b>	psi(d)
9	Total Dryer Input Power	<b>4.87</b>	<b>1.30</b>	kW
10	Specific Package Power <sup>c</sup>	<b>.97</b>	<b>2.60</b>	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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