



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

<b>MODEL DATA</b>				
1	Manufacturer	<b>Ingersoll Rand</b>		
2	Date	<b>6/1/11</b>		
3	Model Number	<b>D850INA400</b>		
4	Cycling/Non-Cycling	<b>Non-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 <sup>a</sup>	<b>500</b>	<b>50</b>	scfm <sup>b</sup>
7	Outlet Pressure Dewpoint	<b>39</b>	<b>39</b>	°F
8	Pressure Drop	<b>3.0</b>	<b>0.1</b>	psi(d)
9	Total Dryer Input Power	<b>3.7</b>	<b>3.6</b>	kW
10	Specific Package Power <sup>c</sup>	<b>.74</b>	<b>7.22</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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