

# DRYER DATA SHEET

## Refrigerant Dryers

MODEL DATA				
1	Manufacturer	Donaldson Company, Inc		
2	Date	06-May-2008		
3	Model Number	<b>VF-800</b>		
4	Cycling/Non-Cycling	<b>Non-Cycling</b>		
5	Refrigerant Type	<b>R-134a</b>		
	DESCRIPTION	FULL FLOW	10% FLOW	UNITS
6	Tested Flow <sup>a</sup>	<b>800</b>	<b>80</b>	scfm <sup>b</sup>
7	Outlet Pressure Dew point	<b>39.5</b>	<b>35.1</b>	°F
8	Pressure Drop	<b>3.2</b>	<b>0.6</b>	psi(d)
9	Total Dryer Input Power	<b>3.6</b>	<b>3.5</b>	kW
10	Specific Package Power <sup>c</sup>	<b>0.45</b>	<b>4.4</b>	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.