

DRYER DATA SHEET
Refrigerant Dryers

MODEL DATA				
1	Manufacturer	Gardner Denver		
2	Date	July 12, 2010		
3	Model Number	RNC500		
4	Cycling/Non-Cycling	Non-cycling		
5	Refrigerant Type	R-134a		
	DESCRIPTION	FULL FLOW	10% FLOW	UNITS
6	Tested Flow ^a	500	50	scfm ^b
7	Outlet Pressure Dew Point	42	40	°F
8	Pressure Drop	4.4	<0.1	psi(d)
9	Total Dryer Input Power	2.68	2.42	kW
10	Specific Package Power ^c	0.54	4.84	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.