

DRYER DATA SHEET
Refrigerant Dryers

MODEL DATA				
1	Manufacturer	Parker-domnick hunter		
2	Date	10/16/2013		
3	Model Number	DRD400		
4	Cycling/Non-Cycling	Cycling		
5	Refrigerant Type	R407C		
	DESCRIPTION	FULL FLOW	10% FLOW	UNITS
6	Tested Flow ^a	400	40	scfm ^b
7	Outlet Pressure Dewpoint	40.0	37.0	°F
8	Pressure Drop	2.1	0.04	psi(d)
9	Total Dryer Input Power	3.80	1.8	kW
10	Specific Package Power ^c	0.95	4.50	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. $(\text{Total Dryer Input Power}/\text{tested flow}) \times 100$



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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