

DRYER DATA SHEET

Refrigerant Dryers

MODEL DATA				
1	Manufacturer	Parker		
2	Date	3/28/2016		
3	Model Number	PNC850		
4	Cycling/Non-Cycling	Non- Cycling		
5	Refrigerant Type	R404A		
	DESCRIPTION	FULL FLOW	10% FLOW	UNITS
6	Tested Flow ^a	850	85	scfm ^b
7	Outlet Pressure Dewpoint	40	39	°F
8	Pressure Drop	2.2	0.2	psi(d)
9	Total Dryer Input Power	5.4	4.86	kW
10	Specific Package Power ^c	0.64	5.72	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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Form Number REF 010