

**DRYER DATA SHEET**  
Refrigerant Dryers

<b>MODEL DATA</b>				
1	Manufacturer	Parker Hannifin		
2	Date	3/31/2016		
3	Model Number	PTM850		
4	Cycling/Non-Cycling	Cycling		
5	Refrigerant Type	R404A		
	<b>DESCRIPTION</b>	<b>FULL FLOW</b>	<b>10% FLOW</b>	<b>UNITS</b>
6	Tested Flow <sup>a</sup>	850	85	scfm <sup>b</sup>
7	Outlet Pressure Dewpoint	43	39	°F
8	Pressure Drop	2.2	0.2	psi(d)
9	Total Dryer Input Power	5.42	1.45	kW
10	Specific Package Power <sup>c</sup>	0.64	1.71	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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