

# DRYER DATA SHEET

## Refrigerant Dryers

MODEL DATA				
1	Manufacturer	HANKISON		
2	Date	6-13-22		
3	Model Number	<b>HPRN500</b>		
4	Cycling/Non-Cycling	<b>Non-Cycling</b>		
5	Refrigerant Type	<b>R-407c</b>		
6	Air/Water Cooled	<b>Air Cooled</b>		
7	Voltage	<b>460V-3PH-60HZ</b>		
	<b>DESCRIPTION</b>	<b>FULL FLOW</b>	<b>10% FLOW</b>	<b>UNITS</b>
8	Tested Flow	<b>500</b>	<b>50</b>	scfm <sup>b</sup>
9	Outlet Pressure Dewpoint	<b>43.83</b>	<b>33.13</b>	°F
10	Pressure Drop	<b>3.1</b>	<b>.1</b>	psi(d)
11	Total Dryer Input Power	<b>3.18</b>	<b>2.86</b>	kW
12	Specific Package Power <sup>c</sup>	<b>.64</b>	<b>5.71</b>	kW/100 scfm

Notes:

a. Dryer ratings at the following inlet conditions to the dryer (as per ISO 7183, Table 2, Option A2):

- Inlet Compressed Air Temperature: 100°F (38°C)
- Inlet Compressed Air Pressure: 100 psig (7 Bar)
- Max. Ambient Air Temperature: 100°F (38°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.



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