

## DRYER DATA SHEET Refrigerant Dryers

| MODEL DATA |                                     |                       |                 |                   |
|------------|-------------------------------------|-----------------------|-----------------|-------------------|
| 1          | Manufacturer                        | Parker-domnick hunter |                 |                   |
| 2          | Date                                | 10/16/2013            |                 |                   |
| 3          | Model Number                        | DRD1000               |                 |                   |
| 4          | Cycling/Non-Cycling                 | Cycling               |                 |                   |
| 5          | Refrigerant Type                    | R407C                 |                 |                   |
|            | <b>DESCRIPTION</b>                  | <b>FULL FLOW</b>      | <b>10% FLOW</b> | <b>UNITS</b>      |
| 6          | Tested Flow <sup>a</sup>            | 1000                  | 100             | scfm <sup>b</sup> |
| 7          | Outlet Pressure Dewpoint            | 44.5                  | 39.2            | °F                |
| 8          | Pressure Drop                       | 2.3                   | 0.04            | psi(d)            |
| 9          | Total Dryer Input Power             | 4.77                  | 2.48            | kW                |
| 10         | Specific Package Power <sup>c</sup> | 0.48                  | 2.48            | 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.

Consult the CAGI website, [www.cagi.org](http://www.cagi.org), for a list of participants in the third party verification program.

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