

**DRYER DATA SHEET**  
**Refrigerant Dryers**

| <b>MODEL DATA</b> |                                     |                       |                 |                   |
|-------------------|-------------------------------------|-----------------------|-----------------|-------------------|
| 1                 | Manufacturer                        | <b>Gardner Denver</b> |                 |                   |
| 2                 | Date                                | <b>July 12, 2010</b>  |                 |                   |
| 3                 | Model Number                        | <b>RNC200</b>         |                 |                   |
| 4                 | Cycling/Non-Cycling                 | <b>Non-cycling</b>    |                 |                   |
| 5                 | Refrigerant Type                    | <b>R-134a</b>         |                 |                   |
|                   | <b>DESCRIPTION</b>                  | <b>FULL FLOW</b>      | <b>10% FLOW</b> | <b>UNITS</b>      |
| 6                 | Tested Flow <sup>a</sup>            | <b>200</b>            | <b>20</b>       | scfm <sup>b</sup> |
| 7                 | Outlet Pressure Dew Point           | <b>42</b>             | <b>41</b>       | °F                |
| 8                 | Pressure Drop                       | <b>3.7</b>            | <b>&lt;0.1</b>  | psi(d)            |
| 9                 | Total Dryer Input Power             | <b>1.26</b>           | <b>1.22</b>     | kW                |
| 10                | Specific Package Power <sup>c</sup> | <b>0.63</b>           | <b>6.10</b>     | 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. (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.