

# DRYER DATA SHEET

## Refrigerant Dryers

| MODEL DATA |                                     |                                        |          |                   |
|------------|-------------------------------------|----------------------------------------|----------|-------------------|
| 1          | Manufacturer                        | Industrial Technology & Services Korea |          |                   |
| 2          | Date                                | Mar 30, 2026                           |          |                   |
| 3          | Model Number                        | VNCA100                                |          |                   |
| 4          | Cycling/Non-Cycling                 | Non-Cycling                            |          |                   |
| 5          | Refrigerant Type                    | R513a                                  |          |                   |
| 6          | Air/Water Cooled                    | Air                                    |          |                   |
| 7          | Voltage                             | 115/1/60                               |          |                   |
|            | DESCRIPTION                         | FULL FLOW                              | 10% FLOW | UNITS             |
| 8          | Tested Flow <sup>a</sup>            | 100                                    | 10       | scfm <sup>b</sup> |
| 9          | Outlet Pressure Dew Point           | 54.9                                   | 39.5     | °F                |
| 10         | Pressure Drop                       | 3.38                                   | 0.07     | psi(d)            |
| 11         | Total Dryer Input Power             | 0.55                                   | 0.50     | kW                |
| 12         | Specific Package Power <sup>c</sup> | 0.55                                   | 4.96     | 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.