

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

| <b>MODEL DATA</b> |                                     |                      |                 |                   |
|-------------------|-------------------------------------|----------------------|-----------------|-------------------|
| 1                 | Manufacturer                        | MIKROPOR             |                 |                   |
| 2                 | Date                                | 17 04 26             |                 |                   |
| 3                 | Model Number                        | <b>MK-US-PRO 550</b> |                 |                   |
| 4                 | Cycling / Non-Cycling               | <b>NON-CYCLING</b>   |                 |                   |
| 5                 | Refrigerant Type                    | <b>R513a</b>         |                 |                   |
| 6                 | Air/Water Cooled                    | <b>Air Cooled</b>    |                 |                   |
| 7                 | Voltage                             | <b>460 V</b>         |                 |                   |
|                   | <b>DESCRIPTION</b>                  | <b>FULL FLOW</b>     | <b>10% FLOW</b> | <b>UNITS</b>      |
| 6                 | Tested Flow <sup>a</sup>            | 550                  | 55              | scfm <sup>b</sup> |
| 7                 | Outlet Pressure Dewpoint            | 39,4                 | 38,0            | °F                |
| 8                 | Pressure Drop                       | 1,8                  | 0,7             | psi(d)            |
| 9                 | Total Dryer Input Power             | 3,52                 | 3,13            | kW                |
| 10                | Specific Package Power <sup>c</sup> | 0,64                 | 5,69            | 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

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.

Member



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