

## HLA 350

115V/1Ph/60Hz - 350 scfm desiccant air dryer

The nano D<sup>5</sup> twin tower heatless desiccant air dryer provides clean dry air for a wide range of industrial applications. These dryers use the pressure swing adsorption principle in a twin tower design to dehydrate and purify compressed air in a simple, efficient and compact package. With digital controls that manage energy consumption and provide dew point monitoring, the D<sup>5</sup> twin tower heatless desiccant air dryer provides substantial energy savings under various seasonal conditions for critical applications.



### general characteristics

|                          |      |
|--------------------------|------|
| rated capacity (scfm)*   | 350  |
| regeneration air (scfm)* | 52.5 |
| absorbed power (kW)      | 0.24 |

### operating limits

|                                                        |                |
|--------------------------------------------------------|----------------|
| minimum/design/maximum operating pressure range (psig) | 70 / 100 / 150 |
| minimum/design/maximum ambient temperature range (°F)  | 38 / 100 / 120 |
| minimum/design/maximum inlet temperature (°F)          | 38 / 100 / 120 |

### desiccant chambers

|                        |                   |
|------------------------|-------------------|
| desiccant type         | activated alumina |
| desiccant weight (lbs) | 350               |

### controls/design

|                        |                           |
|------------------------|---------------------------|
| dryer design           | PSA heatless regenerative |
| controller type        | PLC                       |
| power supply (V/Ph/Hz) | 115/1/60                  |
| NEMA rating            | NEMA 4X                   |

### air circuit

|                                  |      |
|----------------------------------|------|
| air circuit connections (NPT(F)) | 1 ½" |
|----------------------------------|------|

### ISO class

|                                       |                                                    |
|---------------------------------------|----------------------------------------------------|
| ISO air quality class (water content) | class 2 (-40°F pdp)<br>class 0 or class 1 optional |
|---------------------------------------|----------------------------------------------------|

\*in compliance with CAGI (ADF 100) / NFPA (class H): inlet temperature 100°F, ambient temperature 100°F, inlet pressure 100 psig, pressure dew point -40°F (-94°F optional). For all other conditions, contact support@n-psi.com

### features

- UL/cUL compliant
- ASME U stamped pressure vessels
- visual moisture indicator
- integral energy saving outlet dew point control (ES optional)
- pre- and after filters recommended
- variety of options including bypass and pre-packaged systems

### electrical features

- PLC controller
- fiber glass cUL panel for NEMA 4X protection class
- ETL approved electrical panel

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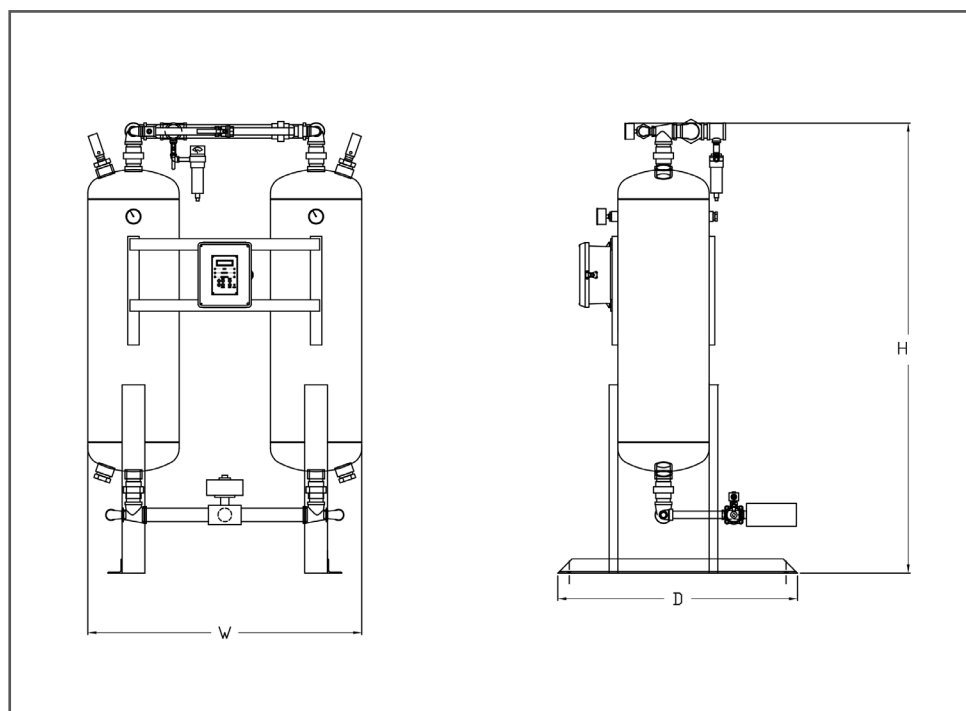
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## technical specification

### dimensions & weight

|                   |           |
|-------------------|-----------|
| length in (mm)    | 44 (1118) |
| depth in (mm)     | 42 (1067) |
| height in (mm)    | 64 (1626) |
| weight lbs (kgs)* | 735 (333) |

\*does not include desiccant



experience