EHA 350 460VAC/60Hz - 350 scfm desiccant air dryer

The nano D⁵ twin tower externally heated desiccant air dryer provides clean dry air for a wide range of industrial applications. These dryers use an electric heater to heat a small amount of dry purge air for regeneration to increase efficiency and reduce the amount of purge air required. For consistent performance and cost-effective operation, these dryers are an excellent choice.



general characteristics		
rated capacity (scfm)*	350	
regeneration air (scfm)**	28	
absorbed power (kW)	6	
operating limits		
minimum/design/maximum operating pressure range (psig)	80 / 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)	500	
controls/design		
dryer design	PSA externally heated regenerative dryer	
controller type	PLC	
NEMA rating	NEMA 4	
heater		
absorbed power (kW)	6	
air circuit		
air circuit connections (NPT(F))	2″	
ISO class		
ISO air quality class (water content)	class 2 (-40°F pdp)	
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*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. For all other conditions, contact support@n-psi.com

**based on a timed cycle at full flow. To decrease regeneration air consumption, please select the -ES Energy Saver option

features

- UL/cUL compliant
- ASME U-stamped pressure vessels
- pressure vessels rated to 175 psig @ 450°F
- visual moisture indicator
- integral energy saving outlet dew point control (ES optional)

electrical features

- PLC controller
- fiberglass cUL control panel for NEMA 4X protection class
- ETL approved electrical panel

- pre- and after filters recommended
- variety of options including bypass and prepackaged systems
- low-wattage incoloy sheathed heater
- four-hour timed NEMA cycle with thermocouple heater override to prevent overheating in periods of low demand
- two contactors to prevent runaway heater

Daeo

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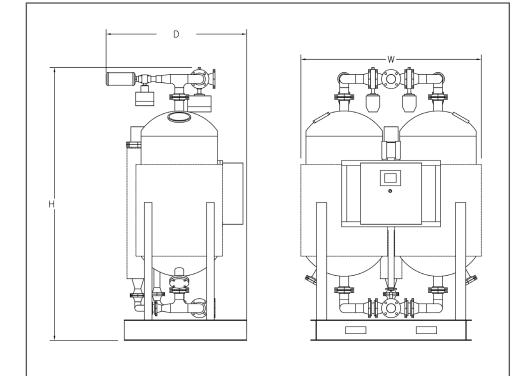
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technical specification

dimensions & weight		
length in (mm)	48 (1219.2)	
depth in (mm)	42 (1066.8)	
height in (mm)	78.9 (2004.1)	
weight lbs (kgs)*	1500 (680)	
*does not include desiccant		







technical specifications subject to change without notice. Direct inquiries to support@n-psi.com or contact 704.897.2182

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