DXR 0010 NA 115/1/60 - 10 scfm refrigerated air dryer

The nano R^4 direct expansion refrigerated air dryer offers a reliable, cost effective and simple solution to those who need quality dry compressed air for their manufacturing processes. To avoid condensation, and therefore all chance of equipment and end-product corrosion or damage, compressed air needs to be dry — exactly what our range of R^4 dryers is designed to do.

200

general characteristics	
rated capacity (scfm) ⁽¹⁾	10
absorbed power (kW)	0.19
full load amps (A)	2.4
power supply (V/Ph/Hz)	115/1/60
pressure drop over dryer (psid)	1.45
operating limits	
design operating pressure range (psig)	0 to 232
maximum refrigerant working pressure (psig)	246.5
minimum/maximum ambient temperature (°F)	34 to 122
maximum inlet temperature (°F)	140
refrigerant gas/circuit	
refrigerant type	R513A
refrigerant charge per circuit (lbs)	0.35
compressors	
compressor type	piston
compressor quantity	1
independent gas circuit	1
fans	
fan type	axial
fan quantity	1
cooling air flow (scfm)	150
air circuit	
air circuit connections (NPT(M))	1⁄2″
ISO class	
ISO air quality class (water content)	class 4 and 5

(1) rated flow capacity: conditions for rating dryers are in accordance with ISO 7183 (Option A2). Compressed air at dryer inlet: 100 psig (7 bar) and 100°F (38°C); ambient air temperature: 100°F (38°C); operating on 60Hz power supply. For all other conditions, contact support@n-psi.com

scope of supply

mechanical components

- combined air-to-air and air-to-refrigerant heat exchanger design
- •zero air loss condensate drain
- integrated water separator
- single electrical connection
- rotary compressor
- •hot gas bypass valve
- fully insulated heat exchanger

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Jano

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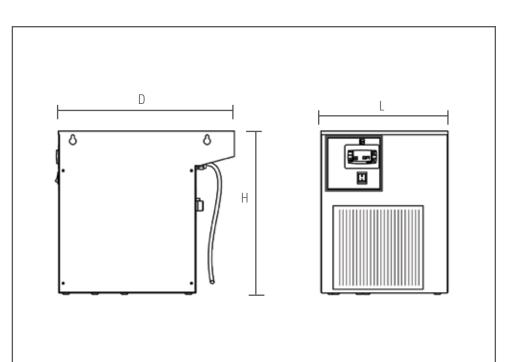
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controls and monitoring

- user friendly interface
- digital pressure dew point display
- includes service warnings and reminders
- remote alarm contact
- automatic power on after restart
- provides controls for all system components

technical specification

dimensions & weight		
length in (mm)	14 (350)	
depth in (mm)	20 (493)	
height in (mm)	18 (450)	
weight lbs (kgs)	42 (19)	





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

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