HTR 0100

115/1/60 - 100 scfm refrigerated air dryer

nano R² HTR high inlet temperature refrigerated air dryers are specifically designed for the unique demands of high temperature compressed air applications. Complete with an integrated pre-cooler, the HTR allows for 50°F outlet dew points even with inlet temperatures as high as 180°F. Simple, yet robust and reliable, the HTR combines proven technology, durable components and uncomplicated design to deliver reliable performance at any flow for almost every manufacturing application. The HTR offers piece of mind that downstream equipment will be protected from damaging moisture contamination.



general characteristics	
rated capacity (scfm) [1]	100
pressure drop (psid)	3.2
absorbed power (kW)	1.93
full load amps (A)	17.5
power supply (V/Ph/Hz)	115/1/60
UL fuse rating (A)	(J:10)
sound pressure level (dB(A))	60
operating limits	
design operating pressure range (psig)	0 to 232
minimum/maximum ambient temperature (°F)	34 to 120
maximum inlet temperature (°F)	180
refrigerant gas/circuit	
refrigerant type	R404A
refrigerant charge per circuit (lbs)	2.09
hot gas bypass valve set point (°F)	34 to 35.6
fans	
fan type	axial
fan motor protection	IP 42
air circuit	
air circuit connections (NPT)	¾" (F)
ISO class	
ISO air quality class (water content)	class 6

(1) rated flow capacity: at 125 psig & 180°F inlet conditions, 95°F and a 50°F outlet pressure dew point. For all other conditions, contact support@n-psi.com

scope of supply

mechanical components

- zero zir loss drain standard
- integrated water separator
- utilizes refrigerants with low GWP - Global Warming Potential
- digital display with high/low dew point indicator and service reminder
- low noise levels
- rotary compressor for 20-30% more efficiency vs piston technology
- compact design, small footprint and simple layout
- high energy saving due to low pressure drops throughout the system.
- extremely easy to install

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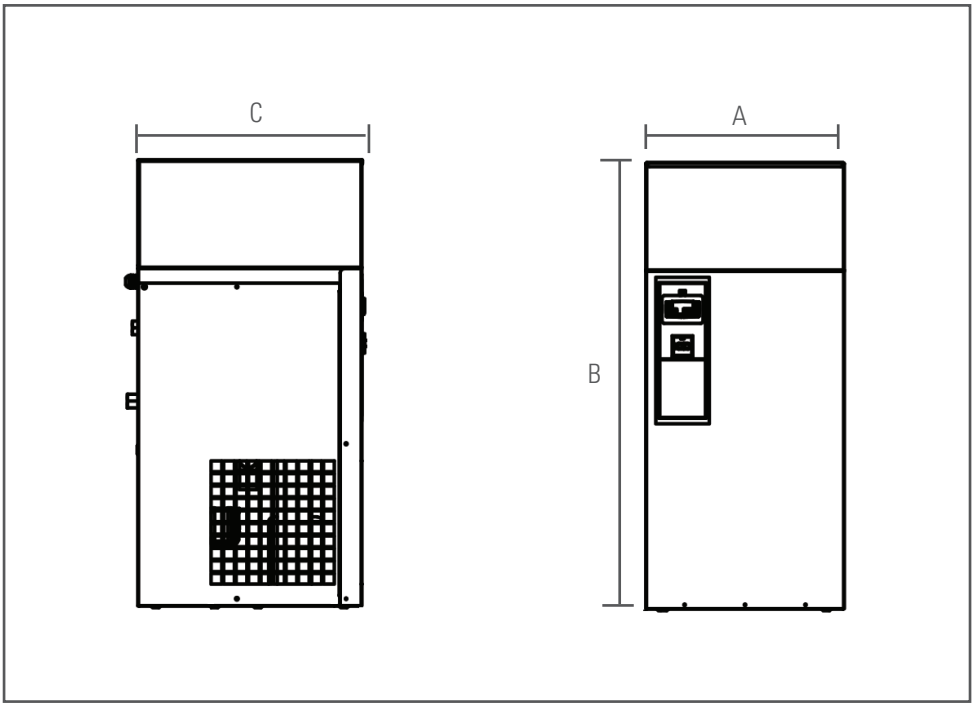
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technical specification

dimensions and weights	
A (in)	18.1
B (in)	41.0
C (in)	22.6
weight (lbs)	231



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

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