

ND4X 100

115/1/60 - 100 scfm refrigerated air dryer

nano R5 NEMA 4 stainless steel refrigerated air dryers are designed for reliability, performance and low cost of ownership. They feature a low pressure drop stainless steel heat exchanger, stainless steel moisture separator, environmentally friendly refrigerants and TXV for precise control. The R5 offers piece of mind that downstream equipment will be protected from damaging moisture contamination.



general characteristics

rated capacity (scfm)*	100
absorbed power (kW)	0.37
full load amps (A)	15
power supply (V/Ph/Hz)	115/1/60

operating limits

design operating pressure range (psig)	0 - 250
minimum/maximum ambient temperature (°F)	34 - 110
maximum inlet temperature (°F)	180

refrigerant gas/circuit

refrigerant type	R134a
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compressors

compressor type	piston
compressor quantity	1
independent gas circuit	1

fans

fan type	axial
fan quantity	1

air circuit

air circuit connections (NPT)	1/4"
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ISO class

ISO air quality class (water content)	class 4
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in compliance with ADF 100 specifications for compressed air dryers: Inlet temperature: 100°F, ambient temperature: 100°F, inlet pressure: 100 psig, pressure dew point: 33°F to 39°F. For all other conditions refer to the correction factors above or contact support@n-psi.com

features

- stainless steel heat exchanger for maximum durability and corrosion resistance
- NEMA 4 on/off switch
- oversized condenser for high ambient temperatures
- robust refrigeration circuit with fan pressure, high refrigerant pressure and low suction pressure switches
- environmentally friendly R134a refrigerant
- supplied with 6' power cord for plug and play operation
- timed solenoid drain for reliable condensate removal
- refrigerant gauge for simple diagnostics
- stainless steel panels
- TXV ensures stable dew point performance under varying loads
- stainless steel inlet and outlet connections
- c-UL listed components
- built in reliability with a 1 year warranty with pre-filtration and non-corrosive piping installed

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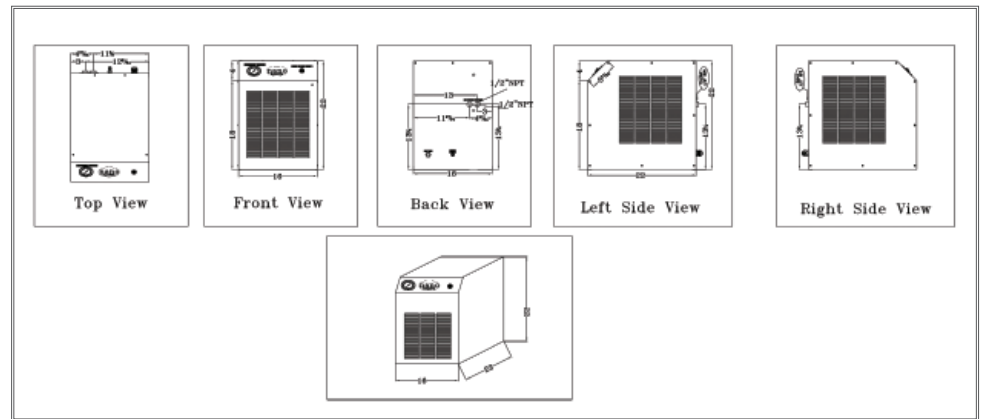
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technical specification

dimensions & weight

length (ins)	16
depth (ins)	22
height (ins)	22
weight (lbs)	210



experience