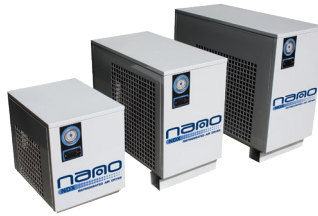


NDX 1750

460/3/60 - 1750 scfm refrigerated air dryer

nano R4 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, TXV for precise control and a simple yet powerful electronic controller. The R4 offers piece of mind that downstream equipment will be protected from damaging moisture contamination.



general characteristics

rated capacity (scfm)	1750
absorbed power (kW)	7.20
full load amps (A)	15.50
power supply (V/Ph/Hz)	460/3/60

operating limits

design operating pressure range (psi g)	0 - 189
maximum refrigerant working pressure (psi g)	392
minimum/maximum ambient temperature (°F)	34 - 110
maximum inlet temperature (°F)	158

refrigerant gas/circuit

refrigerant type	R407c
refrigerant charge per circuit (lbs)	4.19

compressors

compressor type	scroll
compressor quantity	2
independent gas circuit	2

fans

fan type	axial
fan quantity	2

air circuit

air circuit connections (ANSI flanged)	4"
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ISO class

ISO air quality class (water content)	class 4
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**rated flow capacity: conditions for rating dryers are in accordance with ISO7183 (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*

features

- stainless steel heat exchanger for maximum durability and corrosion resistance
- CAREL advanced electronic controller
- oversized condenser for high ambient temperatures
- robust refrigeration circuit with fan pressure, high refrigerant pressure and low suction pressure switches
- environmentally friendly R134a and R407C refrigerant
- timed solenoid drain for reliable condensate removal
- refrigerant gauge for simple diagnostics
- powder coated aluminum 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 2 year warranty with pre-filtration and non-corrosive piping installed

advanced microprocessor features

- 3 button digital interface
- dew point display for visual monitoring
- user programmable operating parameters
- status indication for drain, fan and compressor
- drain test and adjustment



technical specification

dimensions & weight

length (ins)	72.9
depth (ins)	39.5
height (ins)	63.6
weight (lbs)	1433

