

# high temperature direct expansion dryers

## FEATURES

- specifically designed oversized condenser to provide clean, dry compressed air in unique demands of high temperature applications
- 1 micron coalescing inlet filter provided as standard; 0.01 micron particulate after filter optional
- allows customers running a consistent volume of compressed air the ability to achieve excellent dew point performance and save energy
- corrosion resistant powder coated galvanized steel panels for harsh environments
- easy installation and start-up
- automatic expansion valve ensures stable dew point performance even in changing ambient conditions
- fully adjustable and extremely reliable timer drain as standard
- applications include manufacturing, paint and coatings, machine tools and blasting



### SS heat exchanger

patented design, corrosion resistant construction and integrated moisture separator

Three stainless steel heat exchangers of varying sizes, showing their cylindrical shape and mounting brackets.

### the data you need

easy to read refrigerant gauge and CAREL® microprocessor gives you the information you need, when you need it

A close-up view of the control panel, showing a circular refrigerant gauge with a needle and a digital display showing the number '33'. The text 'LOW PRESSURE' is visible below the gauge.

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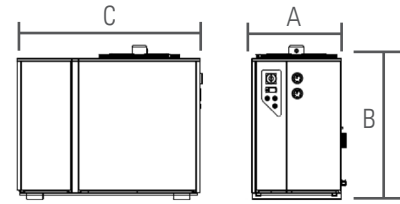
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## SPECIFICATIONS

dryer model	inlet & outlet		rated flow <sup>(1)</sup>		absorbed power <sup>(2)</sup>		dimensions (inches)			approx. weight		power supply (V/Ph/60Hz)		pre filter (included)
	NPT	scfm	Nm <sup>3</sup> /h	kW	A	B	C	lbs	115/1	230/1				
RNC 0010-F	½"	10	16	0.23	15	17	18	62	•				NF 0050 M1	
RNC 0015-F	½"	15	24	0.24	15	17	18	70	•				NF 0050 M1	
RNC 0025-F	½"	25	40	0.25	15	17	18	77	•				NF 0050 M1	
RNC 0045-F	¾"	45	72	0.49	15	19	20	92	•				NF 0085 M1	
RNC 0075-F	1"	75	120	0.92	16	26	29	143	•				NF 0090 M1	
RNC 0090-F	1 ½"	90	144	0.96	16	26	29	152	•				NF 0290 M1	
RNC 0110-F	1 ½"	110	177	0.94	16	30	34	196		•			NF 0290 M1	

specifications	
design operating pressure range	0 to 232 psig
maximum inlet temperature	158°F
maximum ambient temperature	110°F to 122°F depending on refrigerant (contact nano support for details)
inlet filter (included)	M1 (1 micron)
condensate drain (included)	automatic timed solenoid



RNC 0010-F to RNC 0110-F

- (1) at 125 psig & 140°F inlet conditions, 95°F ambient and a 50°F outlet pressure dew point. For all other conditions, please contact support@n-psi.com for sizing assistance
- (2) nominal absorbed power at rated operating conditions using 115/1/60 and 230/1/60 power supply (as applicable). For absorbed power at other voltages or conditions, contact support@n-psi.com
- (3) 115 volt models include a 6-foot power cord and plug
- (4) grade M01 (0.01 micron) after filter available as an option
- (5) Intertek UL/CSA 22.2 approval (models RNC 0010 to RNC 0090)
- (6) technical specifications subject to change without notice. Direct inquiries to support@n-psi.com or contact 704.897.2182