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

the data you need

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

nano-purification solutions
charlotte, north carolina
united states

nano-purification solutions
new bethlehem, pennsylvania
united states

nano-purification solutions
st. catharines, ontario
canada

nano-purification solutions
gateshead, tyne and wear
united kingdom

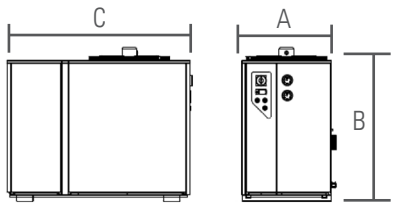
nano-purification solutions
erkelenz, germany

tel: 704.897.2182
fax: 704.897.2183
email: support@n-psi.com
web: www.n-psi.com

SPECIFICATIONS

dryer model	inlet & outlet	rated flow (1)		absorbed power (2)	dimensions (inches)			approx. weight	power supply (V/Ph/60Hz)		pre filter (included)
	NPT	scfm	Nm^3/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

Intertek 5011024

MEMBER OF CAGI Compressed Air & Gas Institute

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