NXC 0325

460/3/60 - 325 scfm refrigerated air dryer

The nano R[1] *NEXT GENERATION* refrigerated air dryer combines the advantages of a direct thermal exchange with thermal exchange. By combining these two powerful energy saving technologies the R[1] cycling dryer refrigerated air dryer provides you the lowest power consumption available in the market today. With digital controls that manage energy consumption and unique DTT (dual transfer technology), the R[1] cycling refrigerated air dryer provides substantial energy savings under various seasonal conditions.

general characteristics	
rated capacity (scfm)*	325
absorbed power (kW)	1.47
full load amps (A)	4.82
power supply (V/Ph/Hz)	460/3/60
operating limits	
design operating pressure range (psig)	0 - 232
maximum refrigerant working pressure (psig)	392
minimum/maximum ambient temperature (°F)	34- 122
maximum inlet temperature (°F)	158
refrigerant gas/circuit	
refrigerant type	R134a
refrigerant charge per circuit (lbs)	3.09
compressors	
compressor type	scroll
compressor quantity	1
independent gas circuit	1
fans	
fan type	axial
fan quantity	1
air circuit	
air circuit connections (NPT)	2”
ISO class	
ISO air quality class (water content)	class 4

**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

- patented dual transfer thermal heat exchanger
- advanced electronic controller
- built in reliability with a 2-year warranty
- 232 psig standard rating for the complete range
- simple refrigeration circuit with no hot gas bypass valve
- wide air paths – trouble free anti-clogging heat exchanger
- self-adjusting and controlling
- environmentally friendly refrigerant and non-toxic “dry” silica mass
- quick easy startup with no pre-start up cooling programming or calibration
- designed for tough Industrial settings

advanced microprocessor features

- 3 button digital interface
- digital LED display
- outlet air dew point indication
- user programmable operating parameters
- condensate drain control and test function

Experience. Customer. Service.

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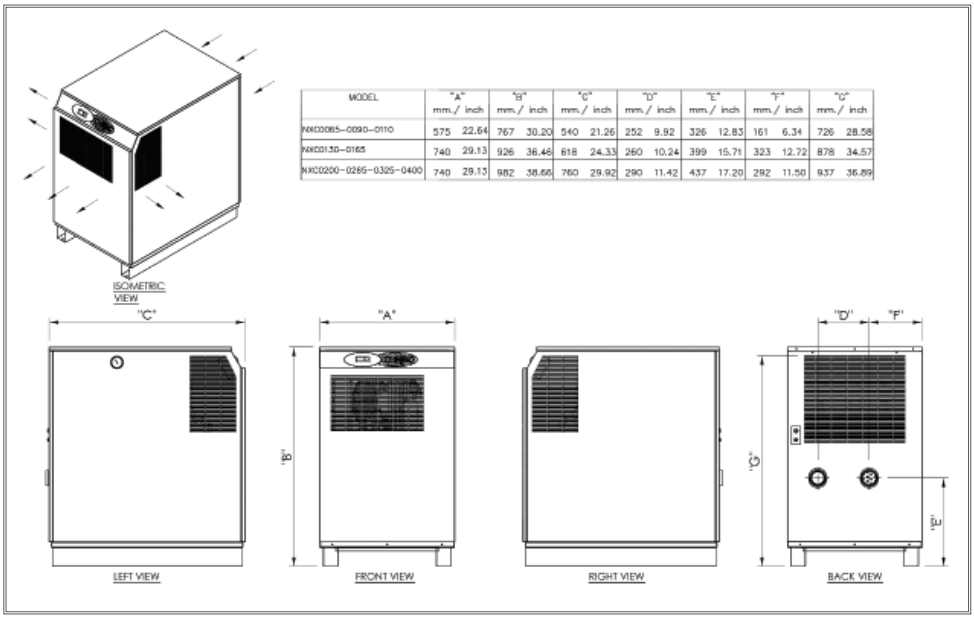
nano

experience

technical specification

dimensions & weight	
length (ins)	29.1
depth (ins)	29.9
height (ins)	38.7
weight (lbs)	397



MODEL	"A" mm./ inch		"B" mm./ inch		"C" mm./ inch		"D" mm./ inch		"E" mm./ inch		"F" mm./ inch		"G" mm./ inch	
NXC0085-0090-0110	575	22.64	767	30.20	540	21.26	252	9.92	326	12.83	161	6.34	726	28.58
NXC0130-0165	740	29.13	926	36.46	618	24.33	260	10.24	399	15.71	323	12.72	878	34.57
NXC0200-0265-0325-0400	740	29.13	982	38.66	760	29.92	290	11.42	437	17.20	292	11.50	937	36.89

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