nano B¹: modular breathing air purification systems -

NBA 3120

324 scfm inlet / 243 scfm outlet breathing air purifier

nano NBA modular breathing air purification systems use the latest technology to provide clean, reliable and safe breathing air that meets or exceeds international standards. The NBA range are based on the tested and proven nano D^{1|2|3} modular dryers but employ a unique split cartridge system to completely treat air prior to respiration. While many systems only remove particulate, oil, odor and taste, the NBA range also removes carbon monoxide (CO) and scrubs carbon dioxide (CO₂) levels to exceed the most stringent standards.



inlet rated capacity (scfm) ⁽¹⁾ 324 outlet rated capacity (scfm) ⁽¹⁾ 243 absorbed power (kW) 0.0360 power supply (V/Ph/Hz) ⁽²⁾ 100-240 VAC / 50 or 60 Hz operating limits design operating pressure range (psig) 87 to 145 recommended operating temperature range (°F) 50 to 86 minimum design inlet temperature (°F) 122 desiccant chambers 4-layer mixed bed cartridge type activated alumina, molecular sieve, activated alumina, molecular sieve, activated alumina, molecular sieve, activated carbon & catalyst replacement cartridge (part no) NBA SK 120 - quantity 3 filtration 0.01 micron pre filter 0.02 Controls/design 0 Controls/design 0 Controls/design 0 Controls/design 0 Controls(PF) 0 C'' quantity 1 0 C'' quantity 1 0 Control true connections (NPT (F)) 2'' quantity 1 0 Control true 0 Control t	general characteristics	
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		CGA7.1 OSHA Grade D
UK & Europe EN12021	Canada	CSA Z180.1-13
	UK & Europe	EN12021

features

- c-ETL-US certification
- includes separate F¹ M01 and M1 grade high-efficiency coalescing filters (shipped loose) and a built in 1 micron after filter
- patented combined filter & desiccant cartridge
- robust modular compact aluminum design
- reliable high-performance valves
- tower pressure gauges

- tower equalization for constant flow and pressure
- designed for tough industrial settings
- integrated compressor synchronization function
- audible alarms (shipped loose)
- energy saving dew point control (optional)

(1) flows based on 100 psig and 86°F inlet temperature. For all other conditions, contact support@n-psi.com (2) optional 24 V DC

- supplied with separate CO monitor with visual and
- · 4-layer mixed bed cartridge removes CO and scrubs CO2

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 krefeld, germany

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www.n-psi.com

Daeo

technical specification

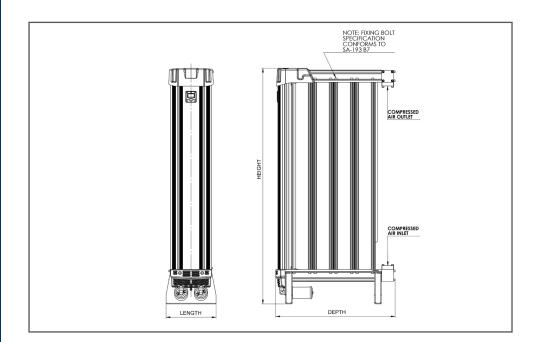
advanced PLC features

• digital interface

• digital LED display

- outlet air dew point indication (with ES option)
- user programmable operating parameters
- alarm indication

dimensions & weight		
length ins (mm)	15.75 (400)	
depth ins (mm)	31.1 (787)	
height ins (mm)	60.6 (1538)	
weight lbs (kgs)	661 (300)	





technical specifications subject to change without notice. Direct inquiries to support@n-psi.com or contact 704.897.2182

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