

# breathing air purification modules

#### **FEATURES**

- simple, reliable replacement purifier modules for existing breathing air systems
- reduce expense of maintaining an obsolete breathing air purifiers
- 5 models with rated flows from 30 to 960 scfm
- free standing purifiers are compact, simple to operate, easy to install and provide reliable long-term performance in a state of the art design
- cartridges include an inlet diffuser, a mixed bed purifier to remove odor, taste and carbon monoxide (CO) and a F<sup>1</sup>
  1.0 micron particulate outlet filter for long service life with minimum maintenance
- corrosion resistant extruded aluminum design and optional CO monitor
- applications include abrasives blasting, paint and finishing, confined spaces and hazardous locations



## optimum flexibility

requires no power, needs no controls and can be either floor or wall mounted (1) for optimum installation flexibility



#### multi-stage cartridges

unique multi-stage cartridges are premeasured and snow storm filled for easy maintenance and long life



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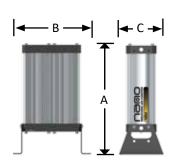
## **SPECIFICATIONS**

model	inlet & outlet	rated flow <sup>(1)</sup>		dimensions (inches)		approx. weight	service k	it <sup>(2)</sup>	
	NPT (f)	scfm	Nm³/h	А	В	С	lbs	part no.	qty
NBM 030	1/2"	30	51	10.4	8.3	24.6	27	NBM SK 030	1
NBM 120	1"	120	203	17.3	9.7	24.6	84	NBM SK 120	1
NBM 240	1"	240	407	17.3	15.0	31.7	100	NBM SK 240	1
NBM 480	2"	480	815	15.7	22.6	34.3	227	NBM SK 240	2
NBM 720	2 ½"	720	1223	15.7	21.7	34.3	313	NBM SK 240	3
NBM 960	2 ½"	960	1630	15.7	28.3	34.3	397	NBM SK 240	4

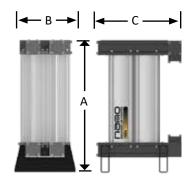
specifications					
maximum working pressure	232 psig				
recommended operating temperature range	35 to 86°F				
maximum design temperature	122°F				
estimated cartridge life	8000 hours (3)				
inlet air quality requirements (4)					
maximum particulate size	0.5 micron				
minimum pressure dew point	-40°F pdp				
maximum oil content	0.01 ppm				
maximum CO content	50 ppm				
maximum CO <sub>2</sub> content	500 ppm				
performance					
maximum outlet air CO content	5 ppm				



- (2) includes purification cartridges (including integral inlet diffusers and outlet particulate filters) and all o-rings
- (3) provided as an estimate only. Cartridges must be replaced as required to maintain adequate breathing air quality in accordance with all applicable codes and regulations
- (4) if the air doesn't meet these conditions, contact support@n-psi.com to confirm the additional treatment required
- (5) models NBM 120 & NBM 240 can be wall mounted (separate wall mounting kit required)
- (6) technical specifications subject to change without notice. Direct inquiries to support@n-psi.com or contact 704.897.2182



NBM 030 to 240



NBM 480 to 960