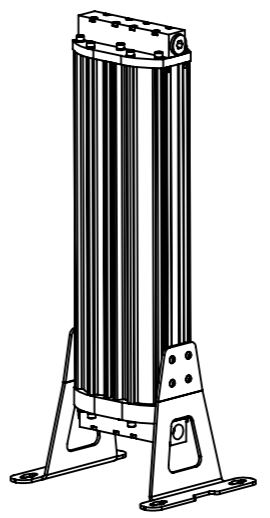
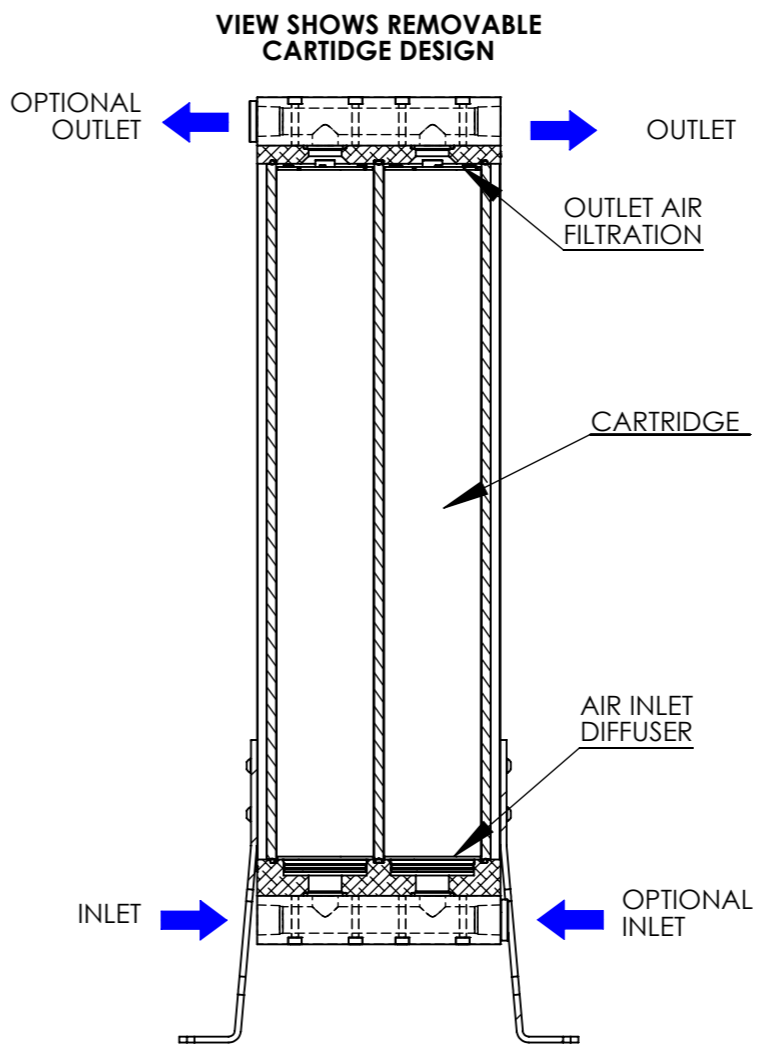
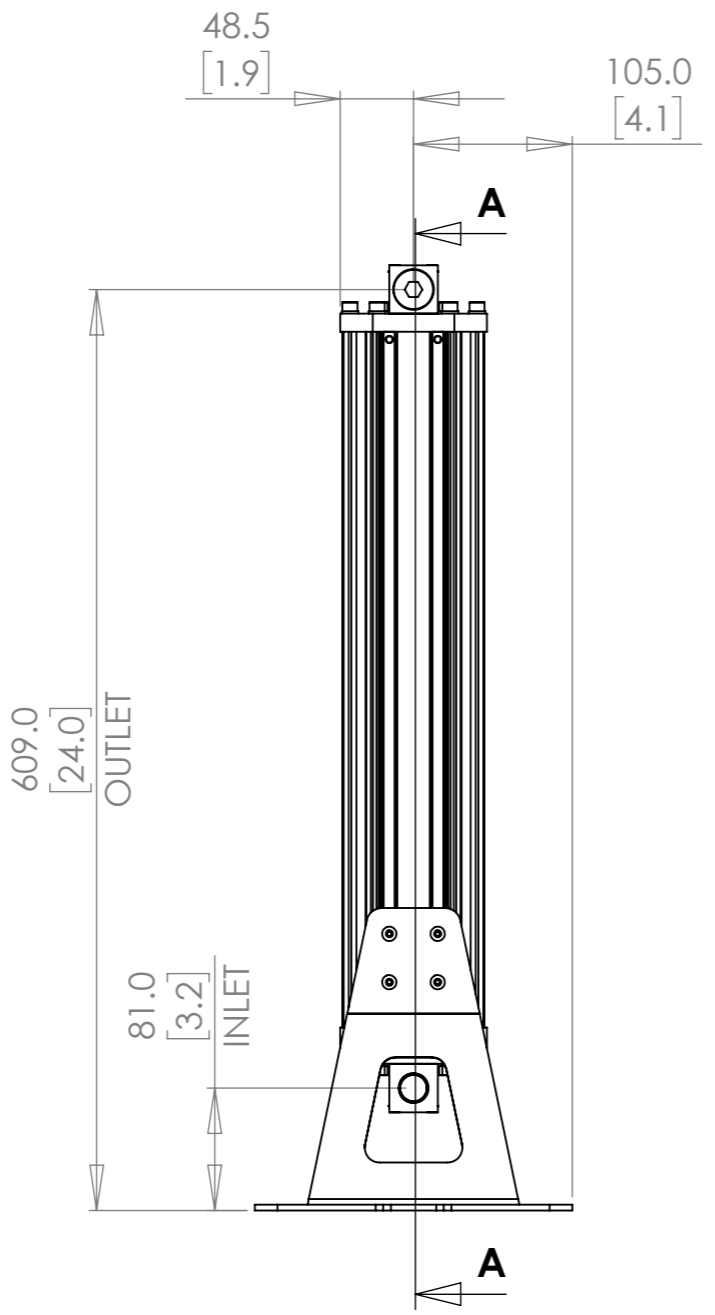
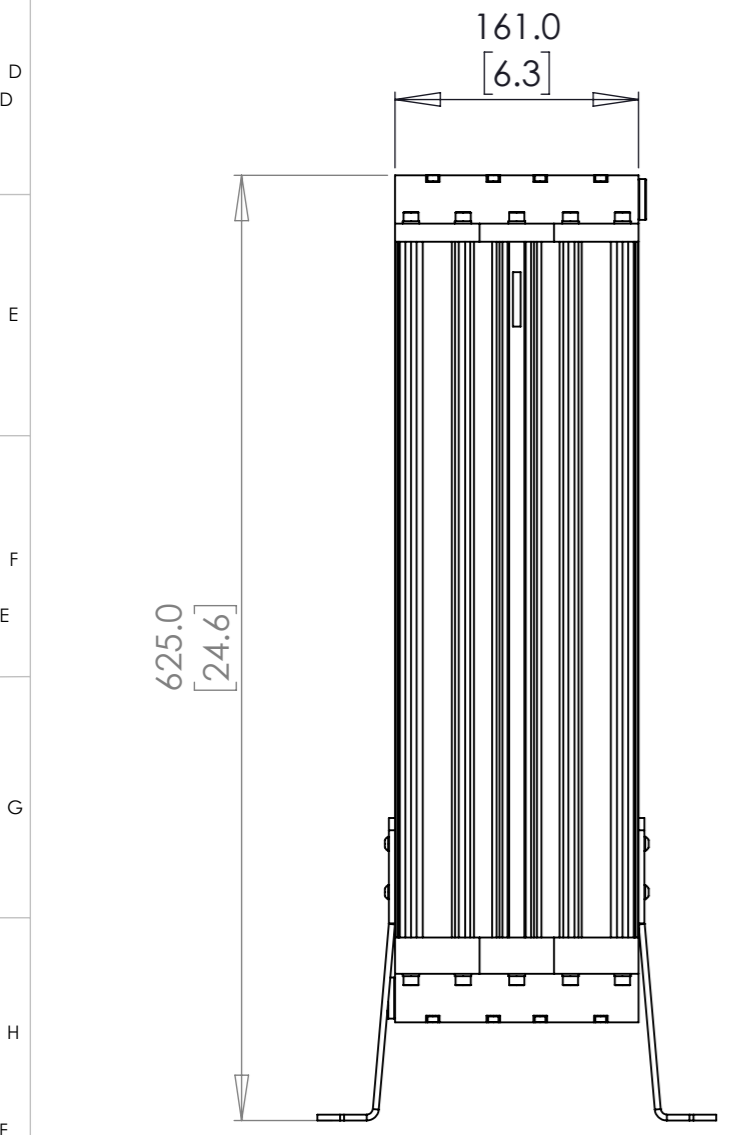


PRODUCT CODE	MAXIMUM FLOW RATE scfm (M <sup>3</sup> /Hr)*	INLET / OUTLET CONNECTIONS
NBM-030	30 (51)	1/2" BSPP / NPT
* AT INLET CONDITIONS OF 7 BARG & 35°C, 35°C AMBIENT		



PICTORIAL VIEW  
NBM-030



SECTION A-A  
SCALE 1 : 5

REVISIONS		
REV.	DESCRIPTION	DATE
C-00	INITIAL REVISION	01/03/2022

**SPECIFICATION:**

**INLET CONDITIONS**

- **RECOMMENDED PRESSURE:**  
7 bar / 100 psig  
(MAXIMUM 16 bar / 232 psig)
- **RECOMMENDED TEMPERATURE:**  
1.5°C (36°F) TO 30°C (86°F)
- **MAXIMUM TEMPERATURE:**  
50°C (122°F)

**INLET AIR QUALITY**

(ACCORDING TO ISO 8573.1 QUALITY)

- **DIRT** <0.5 micron CLASS 2
- **MAXIMUM PRESURE DEW-POINT:** -40 F CLASS 2
- **OIL AEROSOL** <0.01 mg.m3 CLASS 2
- **CO** 50 ppm MAXIMUM
- **CO2** <500 ppm

**OUTLET AIR QUALITY**

- **CO2:** <5ppm
- **FREE FROM ODOURS**
- **DIRT:** <0.5 microns CLASS 2

**USE OF REPLACEMENT CARTRIDGES**

- REPLACE EVERY 1 YEAR OR 8,000 HOURS WHICHEVER OCCURS FIRST

**GENERAL NOTES**

- PRESSURE RELIEF VALVE SHOULD BE FITTED TO THE SYSTEM
- CO ALARM MUST BE FITTED ON OUTLET OF PRODCUT
- HIGH TENSILE ALUMINIUM POWDER PAINTED HOUSING
- FEET BRACKETS SUPPLIED

GENERAL TOLERANCES UNLESS OTHERWISE STATED:  
X ± 0.5mm | X.X ± 0.25mm | X.XX ± 0.1mm  
ANGLES ± 0.5°

	DRAWN	CHECKED	APPROVED
NAME	CK	IC	IC
DATE	25/2/22	25/2/22	25/2/22

nano-purification solutions limited   
www.n-psi.co.uk

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MATERIAL:	SEE DETAILS	WEIGHT (KG):	12.0
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FINISH:	SEE DETAILS
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TITLE: SERIES 1 BREATHING AIR MODULE

DWG NO. PD-0060	REVISION: C-00
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SCALE - 1:5		SHEET 1 OF 1	SHEET SIZE A3
DO NOT SCALE DRAWING			