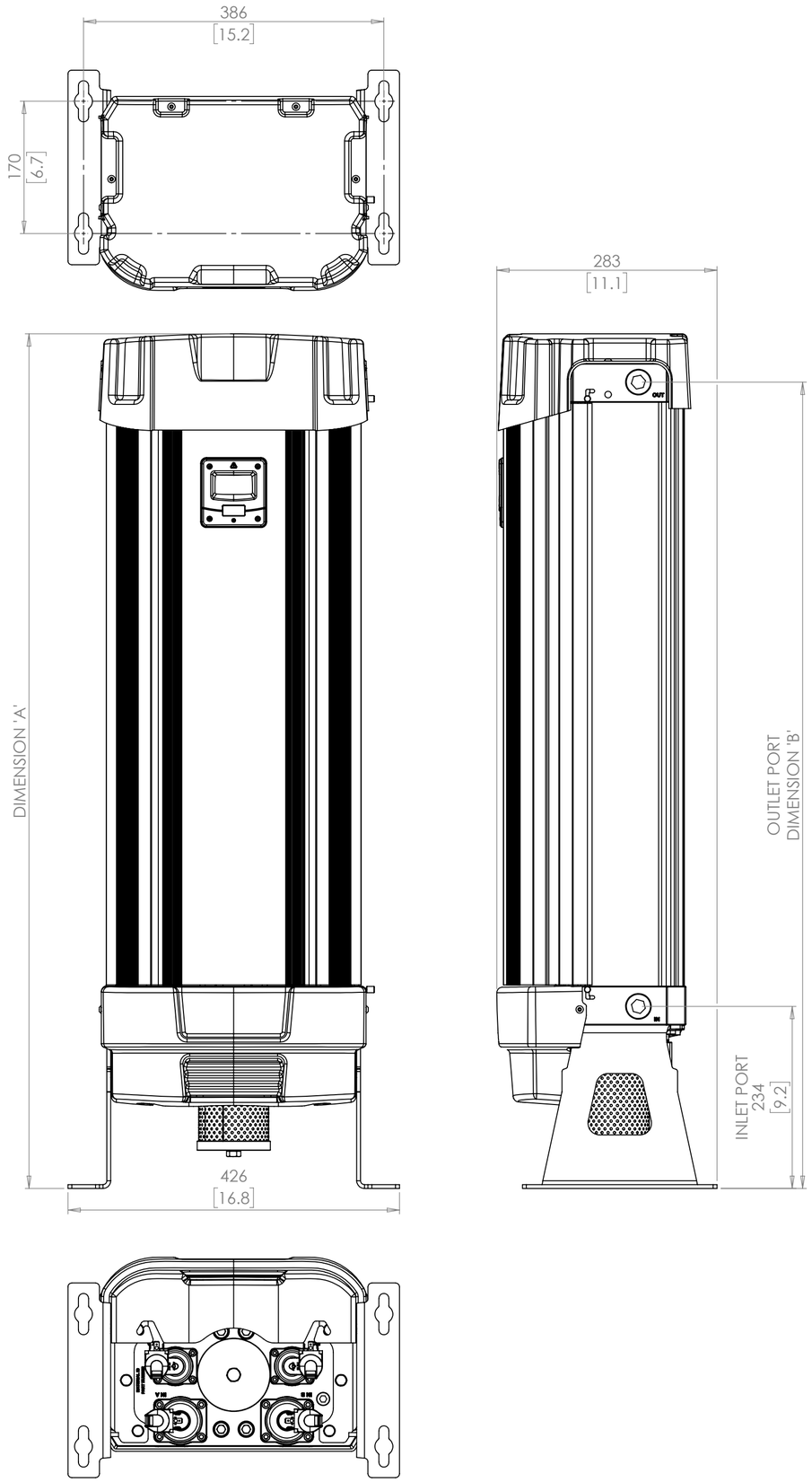
MODEL	PORT SIZES	DIMENSIONS		WEIGHT
	BSPP (NPT)	A	B	KG (LBS)
		mm (Inch)	mm (Inch)	
NBA-070	G1" (1")	743 (29.3)	681 (26.8)	40 (88)
NBA-090		923 (36.3)	861 (33.9)	54 (119)
NBA-110		1248 (49.1)	1186 (47.7)	78 (172)
NBA-120		1498 (59.0)	1436 (56.5)	95 (210)



PICTORIAL VIEWS

SPECIFICATION	
CARBON MONOXIDE (CO)	< 5 PPM
CARBON DIOXIDE (CO2)	< 500 PPM
OIL MIST	0.1mg/m3
NITROGEN OXIDES (NO+NO2)	< 2 PPM
SULPHUR DIOXIDE (SO2)	<1 PPM
WATER VAPOUR (PPMV/ATMOS PDP°C)	≥67/≥-45.5
MINIMUM WORKING PRESSURE	6 barg (87 psig)
MAXIMUM WORKING PRESSURE	16 barg (232 psig)
POWER SUPPLY	110 - 240V AC / 50-60 Hz
MINIMUM INLET TEMPERATURE	+1.5°C (35°F)
MAXIMUM INLET TEMPERATURE	30°C (86°F)

At rated inlet conditions of 7 barg / 20°C

REVISIONS			
REV.	DESCRIPTION	DATE	APPROVED
C-00	INITIAL REVISION	09/04/2019	ME
C-01	WATER VAPOUR ROW ADDED	26/03/2025	ME

NOTES:

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

	DRAWN	CHECKED	APPROVED
NAME	CK	ME	ME
DATE	08/04/19	08/04/19	08/04/19

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

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MATERIAL: ASSEMBLY
WEIGHT (KG): SEE TABLE
FINISH: ASSEMBLY

TITLE: **SERIES 2 BREATHING AIR PURIFIER (NBA-070 to NBA-120)**

DWG NO. PD-0067
REVISION: **C-01**
nano model ref: **(NEW) SERIES 2 DRYER (060 TO 130)**
SCALE - 1:5
DO NOT SCALE DRAWING
SHEET: 1 of 1
SHEET SIZE: A2