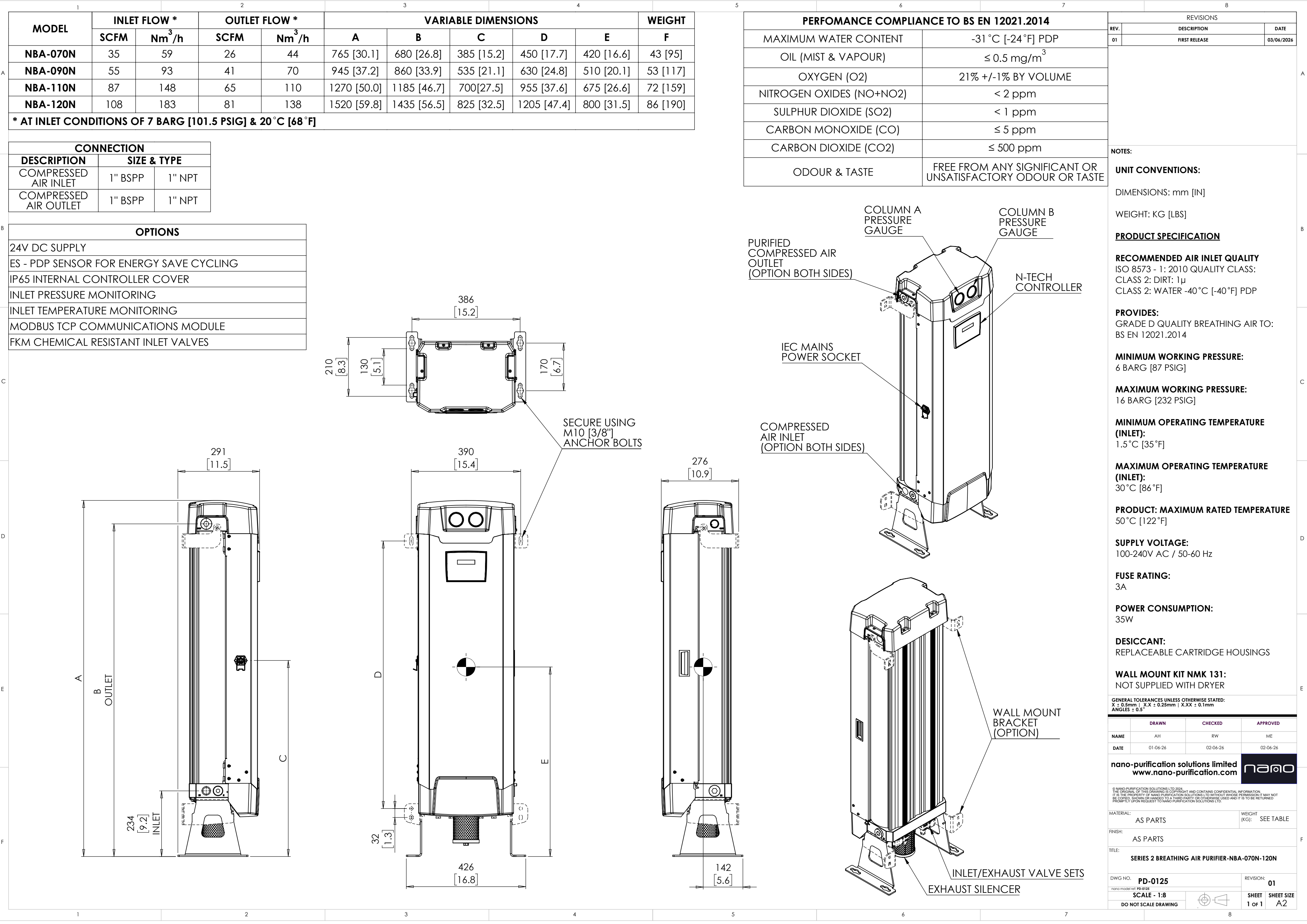


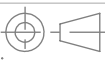


MODEL	INLET FLOW *		OUTLET FLOW *		VARIABLE DIMENSIONS					WEIGHT
	SCFM	Nm ³ /h	SCFM	Nm ³ /h	A	B	C	D	E	F
NBA-070N	35	59	26	44	765 [30.1]	680 [26.8]	385 [15.2]	450 [17.7]	420 [16.6]	43 [95]
NBA-090N	55	93	41	70	945 [37.2]	860 [33.9]	535 [21.1]	630 [24.8]	510 [20.1]	53 [117]
NBA-110N	87	148	65	110	1270 [50.0]	1185 [46.7]	700[27.5]	955 [37.6]	675 [26.6]	72 [159]
NBA-120N	108	183	81	138	1520 [59.8]	1435 [56.5]	825 [32.5]	1205 [47.4]	800 [31.5]	86 [190]
* AT INLET CONDITIONS OF 7 BARG [101.5 PSIG] & 20 °C [68 °F]										

CONNECTION		
DESCRIPTION	SIZE & TYPE	
COMPRESSED AIR INLET	1" BSPP	1" NPT
COMPRESSED AIR OUTLET	1" BSPP	1" NPT

OPTIONS	
24V DC SUPPLY	
ES - PDP SENSOR FOR ENERGY SAVE CYCLING	
IP65 INTERNAL CONTROLLER COVER	
INLET PRESSURE MONITORING	
INLET TEMPERATURE MONITORING	
MODBUS TCP COMMUNICATIONS MODULE	
FKM CHEMICAL RESISTANT INLET VALVES	

PERFORMANCE COMPLIANCE TO BS EN 12021.2014	
MAXIMUM WATER CONTENT	-31 °C [-24 °F] PDP
OIL (MIST & VAPOUR)	≤ 0.5 mg/m ³
OXYGEN (O2)	21% +/-1% BY VOLUME
NITROGEN OXIDES (NO+NO2)	< 2 ppm
SULPHUR DIOXIDE (SO2)	< 1 ppm
CARBON MONOXIDE (CO)	≤ 5 ppm
CARBON DIOXIDE (CO2)	≤ 500 ppm
ODOUR & TASTE	FREE FROM ANY SIGNIFICANT OR UNSATISFACTORY ODOUR OR TASTE

		8	
REVISIONS			
REV.	DESCRIPTION	DATE	
01	FIRST RELEASE	03/06/2026	
NOTES:			
UNIT CONVENTIONS:			
DIMENSIONS: mm [IN]			
WEIGHT: KG [LBS]			
PRODUCT SPECIFICATION			
RECOMMENDED AIR INLET QUALITY			
ISO 8573 - 1: 2010 QUALITY CLASS:			
CLASS 2: DIRT: 1µ			
CLASS 2: WATER -40 °C [-40 °F] PDP			
PROVIDES:			
GRADE D QUALITY BREATHING AIR TO:			
BS EN 12021.2014			
MINIMUM WORKING PRESSURE:			
6 BARG [87 PSIG]			
MAXIMUM WORKING PRESSURE:			
16 BARG [232 PSIG]			
MINIMUM OPERATING TEMPERATURE			
(INLET):			
1.5 °C [35 °F]			
MAXIMUM OPERATING TEMPERATURE			
(INLET):			
30 °C [86 °F]			
PRODUCT: MAXIMUM RATED TEMPERATURE			
50 °C [122 °F]			
SUPPLY VOLTAGE:			
100-240V AC / 50-60 Hz			
FUSE RATING:			
3A			
POWER CONSUMPTION:			
35W			
DESICCANT:			
REPLACEABLE CARTRIDGE HOUSINGS			
WALL MOUNT KIT NMK 131:			
NOT SUPPLIED WITH DRYER			
GENERAL TOLERANCES UNLESS OTHERWISE STATED:			
X ± 0.5mm X.X ± 0.25mm X.XX ± 0.1mm			
ANGLES ± 0.5 °			
DRAWN		CHECKED	
NAME		APPROVED	
AH		RW	
DATE		ME	
01-06-26		02-06-26	
02-06-26			
nano-purification solutions limited			
www.nano-purification.com			
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MATERIAL:		WEIGHT	
AS PARTS		(KG): SEE TABLE	
FINISH:			
AS PARTS			
TITLE:			
SERIES 2 BREATHING AIR PURIFIER-NBA-070N-120N			
DWG NO.		REVISION:	
PD-0125		01	
nano model ref: PD-0125			
SCALE - 1:8			
DO NOT SCALE DRAWING			
		SHEET	SHEET SIZE
		1 of 1	A2