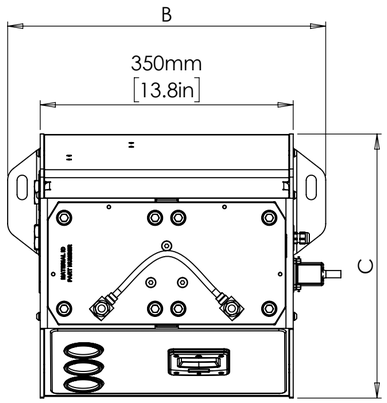
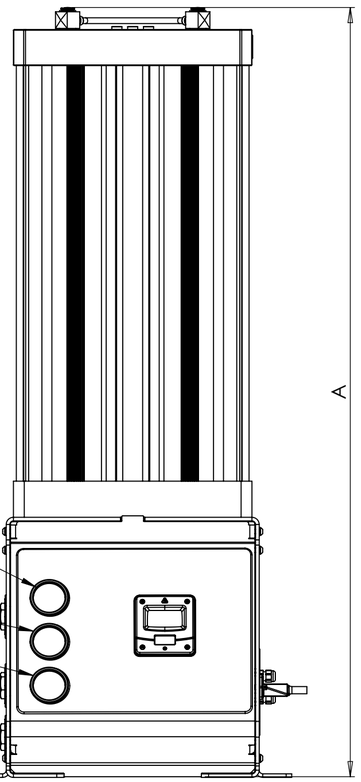
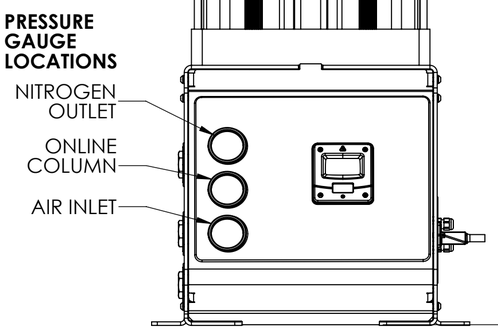


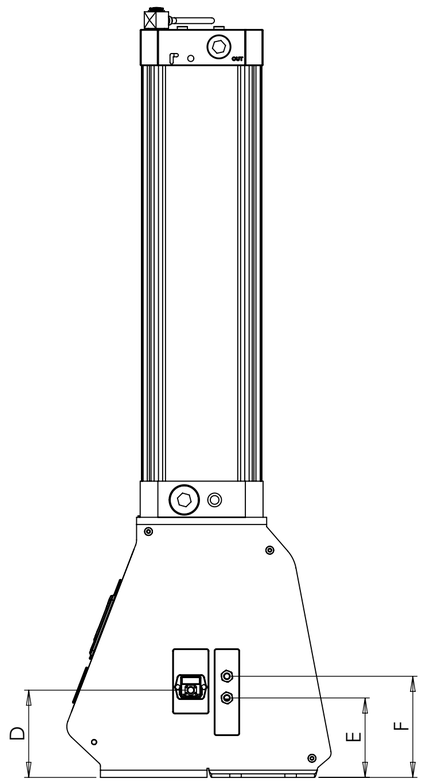
DIMENSION	DESCRIPTION
A	PRODUCT HEIGHT
B	PRODUCT WIDTH
C	PRODUCT DEPTH
D	MAINS POWER CONNECTION
E	REMOTE STOP/START CONNECTION
F	ALARM OUTPUT CONNECTION
G	TO BUFFER CONNECTION
H	NITROGEN OUTLET CONNECTION
I	FROM BUFFER CONNECTION
J	COMPRESSED AIR INLET CONNECTION

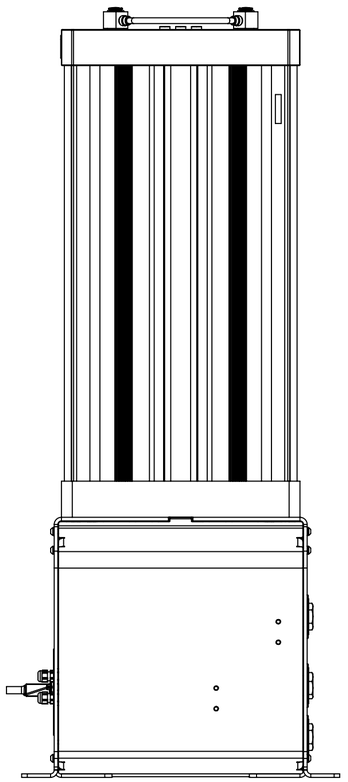
REVISIONS			
REV.	DESCRIPTION	DATE	APPROVED
C-00	INITIAL REVISION	02/05/2018	
C-01	MODEL REVISED	15/02/2021	
C-02	PRODUCT APPROVAL NOTE ADDED	13/04/2021	
C-03	DIMENSION 'F' UPDATED IN TABLE	16/09/2021	

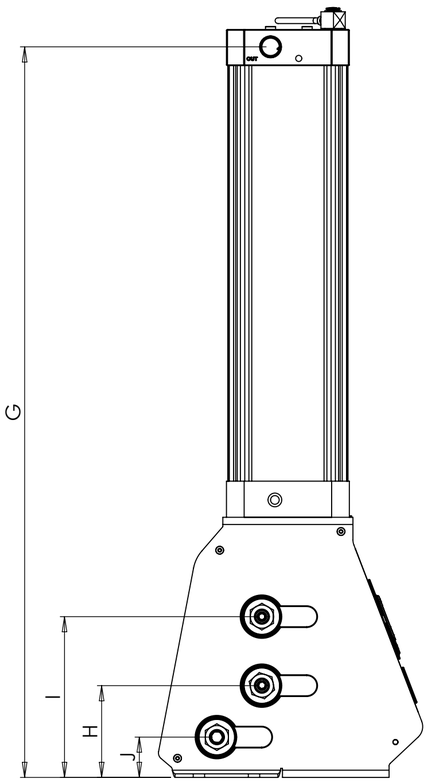


PRESSURE GAUGE LOCATIONS

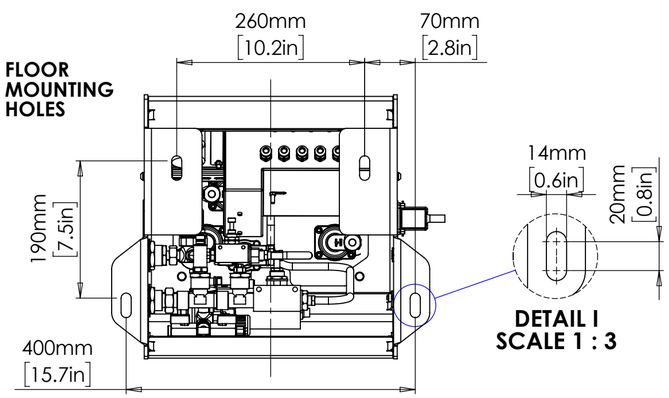








FLOOR MOUNTING HOLES



DETAIL I
SCALE 1 : 3

MODEL	CONNECTIONS	DIMENSION									
		A	B	C	D	E	F	G	H	I	J
ECOGEN 090	SEE NOTES	1064mm [42in]	440mm [17in]	365mm [14in]	120mm [5in]	110mm [4in]	140mm [5.5in]	1011mm [40in]	127mm [5in]	222.5mm [9in]	55.8mm [2in]
ECOGEN 110		1389mm [54in]						1336mm [52.5in]			
ECOGEN 130		1989mm [79in]						1936mm [76in]			

SPECIFICATION

INLET AIR QUALITY -
ISO 8573:2010 CLASS 2.-.2
(2.2.1 WITH HIGH OIL VAPOUR CONTENT)

MINIMUM WORKING PRESSURE -
6 barg (87 psig)

MAXIMUM WORKING PRESSURE -
10 barg (174 psig)

SUPPLY VOLTAGE -
110-240V AC / 50-60 Hz
24V DC OPTION AVAILABLE

MINIMUM INLET TEMPERATURE -
5 °C (41°F)

MAXIMUM INLET TEMPERATURE -
50 °C (122 °F)

MAXIMUM RECOMMENDED INLET TEMP -
30 °C (86°F)

CONNECTIONS

ALL CONNECTIONS ARE ROUTED TO THE LEFT HAND SIDE OF THE GENERATOR AS SHOWN

COMPRESSED AIR INLET:
1/2" BSPP OR 1/2" NPT

NITROGEN OUTLET TO BUFFER
1" BSPP OR 1" NPT

NITROGEN INLET FROM BUFFER
1/2" BSPP

NITROGEN OUTLET
1/2" BSPP

1/2" BSPP TO NPT ADAPTORS AVAILABLE

PRODUCT APPROVALS

CANADIAN REGISTRATION NUMBER (CRN):
0H20619.5C

PRESSURE VESSEL REFERENCE DRAWING:
PD-1004

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	ME
DATE	08/02/18	13/04/18	13/04/18

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

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MATERIAL: ASS'Y
WEIGHT (KG): ASS'Y
FINISH: ASS'Y
TITLE: ECO-GEN NITROGEN GENERATOR
DWG NO. PD-0090
REVISION: C-03
nano model ref: ECOGEN MK2
SCALE - 1:6
DO NOT SCALE DRAWING
SHEET 1 OF 1
SHEET SIZE A2