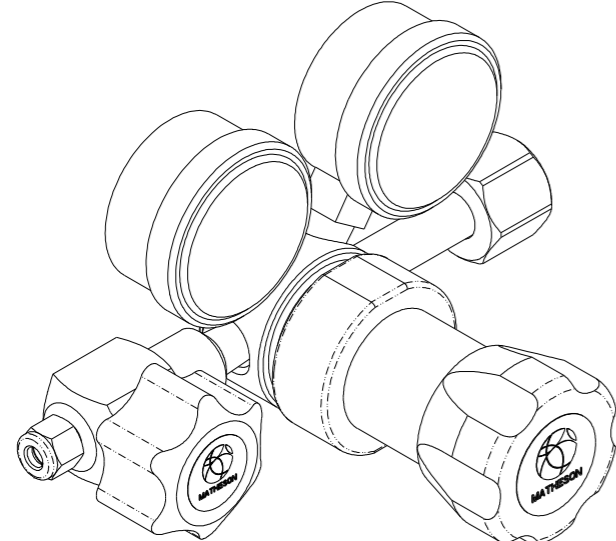
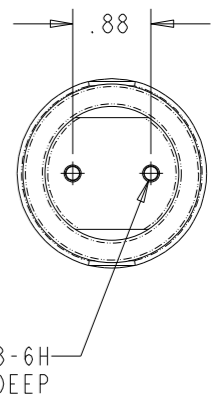
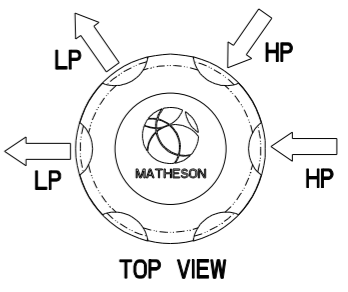
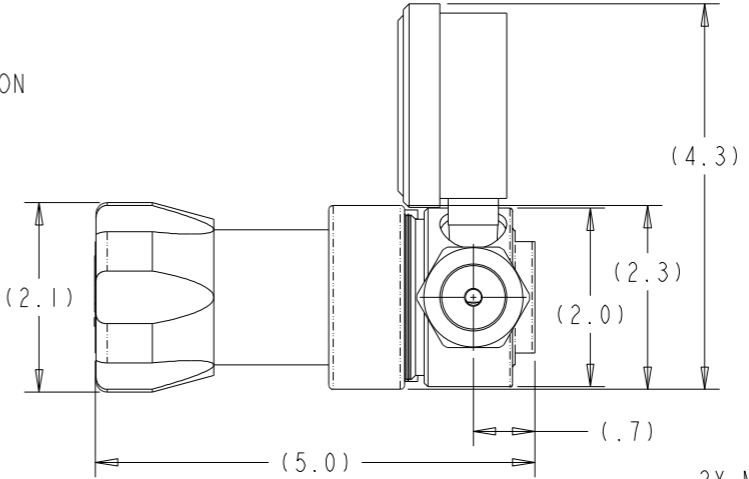
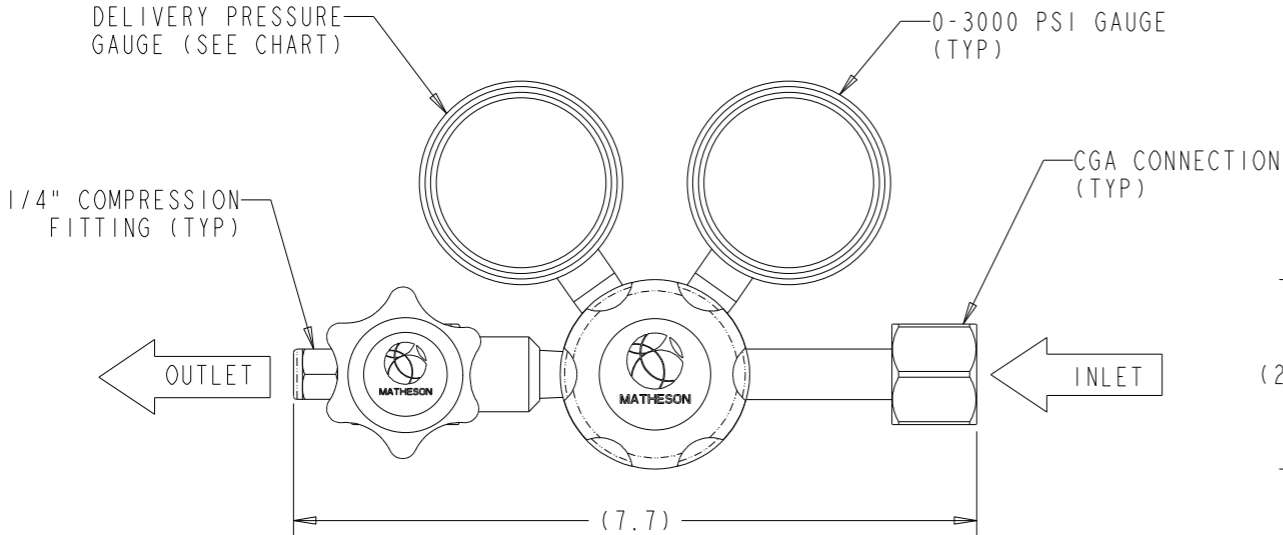


MODEL NO.	MAX DELIVERY PRESSURE	DELIVERY PRESSURE GAUGE
3613A	30 PSI	-30" Hg-0-60 PSI
3610A	100 PSI	-30" Hg-0-200 PSI

REF ONLY FOR PDM USE ONLY	DWG NO. 3610A-OL-	MODEL NO. M3610A-330-
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REVISIONS					
SH-ZONE	REV	DESCRIPTION	ECO NO.	BY/DATE	APVD/DATE
-	A	RELEASED FOR PRODUCTION	-	DL-7/27/21	WS-7/27/21
BI	B	REVISED CLEANING SPECIFICATION	-	DL-4/6/23	WS-4/6/23



MATERIALS	
REGULATOR BODY	316L STAINLESS STEEL BARSTOCK
REGULATOR BONNET	316 STAINLESS STEEL
REGULATOR DIAPHRAGM	316 STAINLESS STEEL
REGULATOR SEAT	PCTFE
REGULATOR SEALS	METAL TO METAL
INLET FILTER	316 STAINLESS STEEL
VALVE BODY	316L STAINLESS STEEL BARSTOCK
VALVE DIAPHRAGM	316L STAINLESS STEEL
VALVE SEAT	PCTFE

SPECIFICATIONS	
MAXIMUM INLET PRESSURE	3000 PSI (20,700 kPa)
FLOW CAPACITY-REGULATOR (Cv)	0.09
OPERATING TEMPERATURE	-40°F TO 160°F (-40°C TO 71°C)
PORTING (REGULATOR BODY)	1/4" NPT FEMALE
PORTING CONFIGURATION	2 HIGH, 2 LOW
INLET FILTER	11 MICRON
BONNET VENT HOLE	0.060" DIA.
VALVE FLOW CAPACITY (Cv)	0.13
LEAK TEST	1 X 10 ⁻⁵ SCCM-HE
CLEANING	CGA G 4.1 B
PRESSURE RATING	PER ANSI/ASME B31.3
TYP MAX FLOW (100 PSI DEL. PRESS.)	3 SCFM-N ₂ (85 SLPM)
CONFORMS TO CGA E-4 STANDARD FOR GAS PRESSURE REGULATORS	

PROPRIETARY STATEMENT THIS DOCUMENT CONTAINS INFORMATION PROPRIETARY TO MATHESON TRI-GAS, INC. AND SHALL NOT BE REPRODUCED OR DISCLOSED TO THIRD PARTIES WITHOUT PRIOR WRITTEN CONSENT FROM MATHESON TRI-GAS.

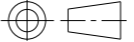
TOLERANCES

INCH	METRIC
X ±.1	X ±.8
.X ±.03	.X ±.3
.XX ±.01	.XX ±.13
.XXX ±.005	
63 ✓	1.6 ✓
ANGLES ± 1/2°	

MATERIAL:

FINISH:

THIRD ANGLE PROJECTION



DO NOT SCALE DRAWING

APPROVALS

DRAWN BY:	DATE:
DL	7/27/21
CHECKED BY:	DATE:
WS	7/27/21
ENGINEER:	DATE:
WS	7/27/21



MATHESON

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GAS EQUIPMENT TECHNOLOGY GROUP, MONTGOMERYVILLE, PA 18936

TITLE:
**OUTLINE DRAWING
3610A SERIES TIED-DIAPHRAGM REGULATOR,
SINGLE STAGE, STAINLESS STEEL**

SIZE C	DWG. NO. 3610A-OL	REV B
CREO	SCALE: NTS	SHEET 1 OF 1