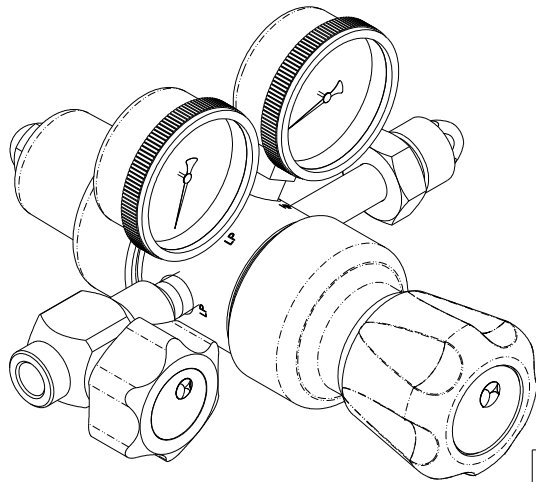
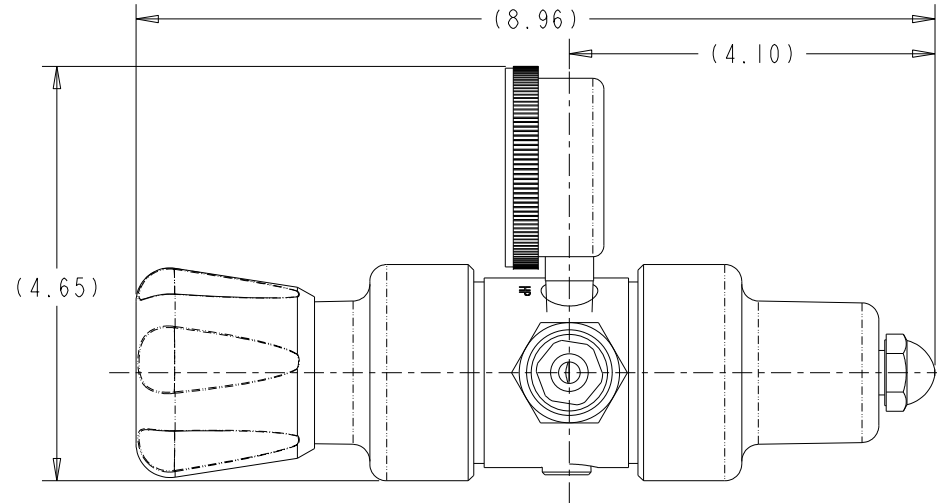
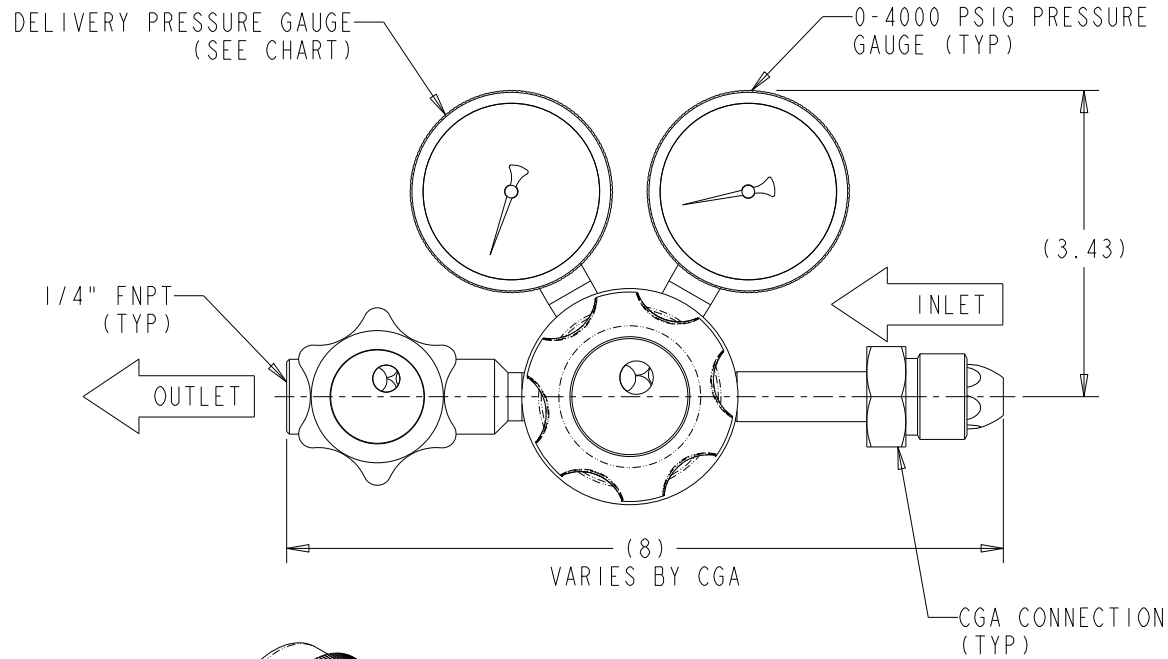
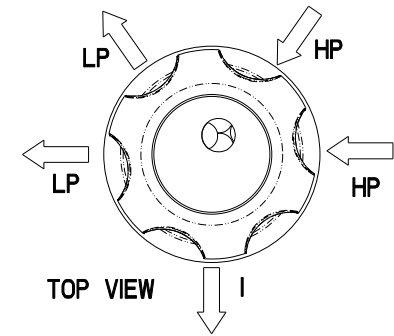


MODEL NO.	MAX DELIVERY PRESSURE	DELIVERY PRESSURE GAUGE
1251	15 PSI	-30" Hg-0-30 PSI
1252	50 PSI	-30" Hg-0-100 PSI
1253	125 PSI	-30" Hg-0-200 PSI
1254	250 PSI	0-400 PSI

REF ONLY FOR PDM USE ONLY    DWG NO. 1250-OL-    MODEL NO. M1253-580-

REVISIONS					
SH-ZONE	REV	DESCRIPTION	ECO NO.	BY/DATE	APVD/DATE
-	A	RELEASED FOR PRODUCTION	-	DL-8/3/21	WS-10/6/21



MATERIALS	
REGULATOR BODY	CHROME PLATED FORGED BRASS
REGULATOR BONNETS	CHROME PLATED ZINC DIECAST
REGULATOR DIAPHRAGMS	302 STAINLESS STEEL
REGULATOR SEAT (1ST STAGE)	PTFE
REGULATOR SEAT (2ND STAGE)	PTFE
REGULATOR SEALS	PTFE
INLET FILTER	NICKEL PLATED BRONZE
GAUGES	CHROME PLATED BRASS
VALVE BODY	NICKEL PLATED BRASS
VALVE DIAPHRAGM	316L STAINLESS STEEL
VALVE SEAT	PCTFE

SPECIFICATIONS	
MAXIMUM INLET PRESSURE	3000 PSI (20,700 kPa)
FLOW CAPACITY-REGULATOR (Cv)	0.15
OPERATING TEMPERATURE	-20°F TO 140°F (-29°C TO 60°C)
PORTING (REGULATOR BODY)	1/4" NPT FEMALE
PORTING CONFIGURATION	2 HIGH, 2 LOW, 1 INTERSTAGE
INLET FILTER	10 MICRON - SINTERED
BONNET VENT HOLE	0.219"
VALVE FLOW CAPACITY (Cv)	0.13
LEAK TEST	1 X 10 <sup>-5</sup> SCCM-He
CLEANING	CGA G 4.1 & ASTM G93 (INTER LEVEL)
PRESSURE RATING	PER ANSI/ASME B31.3
TYP MAX FLOW (100 PSI DEL. PRESS.)	7 SCFM-N2 (200 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	8/3/21
CHECKED BY:	DATE:
WS	10/6/21
ENGINEER:	DATE:
WS	10/6/21

**MATHESON**  
ask...The Gas Professionals™  
GAS EQUIPMENT TECHNOLOGY GROUP, MONTGOMERYVILLE, PA 18936

TITLE:  
**OUTLINE DRAWING  
1250 SERIES DAUL STAGE  
REGULATOR, BRASS**

SIZE: **C**    DWG. NO. **1250-OL**    REV **A**

CREO    SCALE: NTS    SHEET 1 OF 1