

**Submittal Data Sheet**

The TMD manifold is ideal for veterinary or lab applications where manual switching of cylinders and a possible interruption of gas service are allowable. System includes; flexible Teflon™ lined stainless braided pigtails, or (for use with National Fire Protection Association (NFPA 99) and Canadian Standards Association (CSA Z7396.1) guidelines when copper pigtails are required), headers with master valves, regulator and wall mounting brackets. Systems are available for Nitrous Oxide, Carbon Dioxide, Nitrogen, Medical Air and Oxygen.

**Features**

- Adjustable line regulator 0 – 125 psi or 0 – 200 psi (Nitrogen)
- Flexible stainless braided pigtails (except Oxygen service – rigid copper pigtails provided per NFPA 99)
- CGA gas specific pigtail connections
- Complete system cleaned for use with Oxygen
- Cylinder contents gauge and delivery pressure gauge included
- Outlet union provided – 1/2" Male NPT
- Wall mounting brackets included
- Maximum inlet pressure 3,000 psi
- Optional pressure switch set to 150 psi
- Optional remote audio/visual alarm



*Model TMDF-540-6S  
Shown Above*

**How to Order:** Easy to use modular ordering system. Fill in 5 blanks to specify the manifold that meets your needs.

<b>TMD</b>	<b>DD</b>	<b>P</b>	<b>-</b>	<b>GGG</b>	<b>-</b>	<b>CC</b>	<b>H</b>
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**TMD** = Manual Duplex Manifold

**D** = Delivery Pressure  
**Blank** = 0-125 PSI      **HP** = 0-200 PSI

**P** = Pigtails  
**C** = Copper Pigtails      **F** = Flexible Pigtails  
 (\*Copper pigtails are required oxidizing for gas services on \* gases above)

**G** = Gas Service  
 \*280 = Medical Breathing Mixture/Carbogen      320 = Carbon Dioxide  
 \*326 = Nitrous Oxide      \*346 = Medical Air      500 = Tri-Gas  
 \*540 = Oxygen      580 = Nitrogen, Argon & Helium

**H** = Header Configuration  
**S** = Staggered 5" Centers  
**B** = Staggered 10" Centers  
**V** = Vertical Crossover 5" Centers

**C** = Total No. of Cylinders  
 2    4    6    8    10

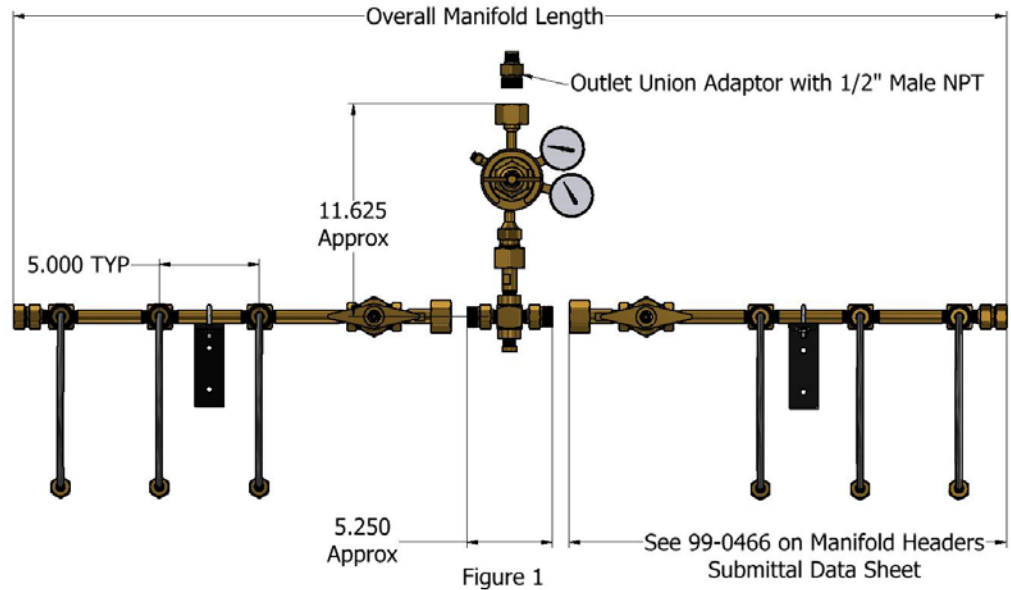
Examples: **TMDF-540-4S** = TMD system *blank plugged port*, 0 – 125 PSI for Oxygen, 4 total cylinders with flexible pigtails and staggered headers.

**TMDHPF-580-6S** = TMD system with NPT adaptor for pressure switch, 0 – 200 PSI, for Nitrogen, 6 total cylinders with flexible pigtails and staggered headers.

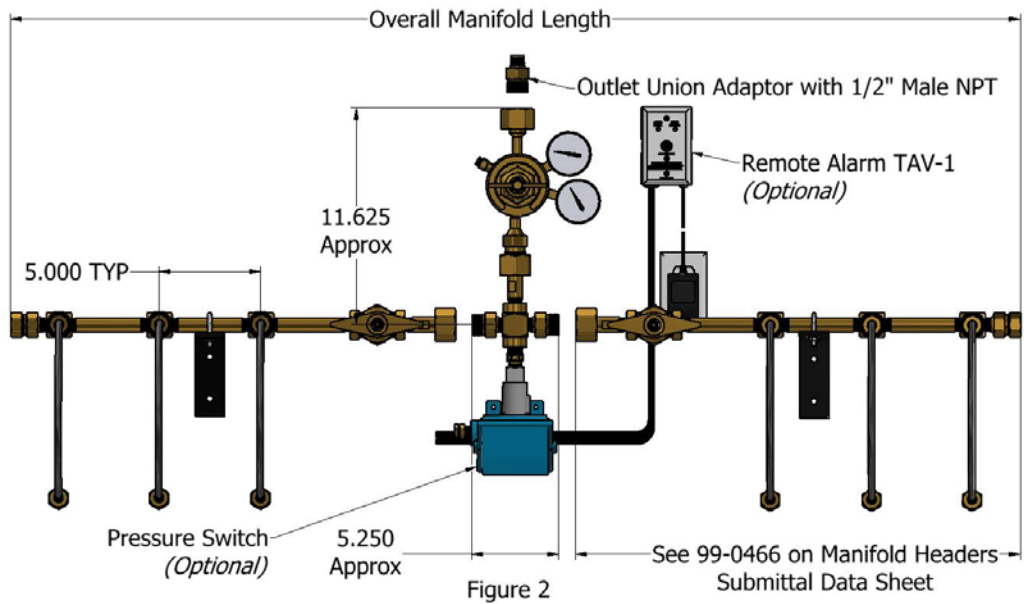
**Options**

- PS-100-1000** - Pressure Switch
- TAV-1** - Remote Audio/Visual Alarm must be used with optional pressure switch
- 17-0229** -Fitting Nipple – 1/2" MNPT x 1/4" MNPT

Model TMD- 540-6S  
Shown here



Model TMDHP-540-6S  
Shown here  
With optional Pressure  
Switch and Remote  
Audio/Visual Alarm



**Overall Lengths**

Total numbers of Cylinders	2	4	6	8	10
<b>Overall Manifold Length</b> (Using staggered 5" center header configuration)	40"	60"	80"	100"	120"
<b>Overall Manifold Length</b> (Using vertical crossover 5" center header configuration)	30"	40"	50"	60"	70"