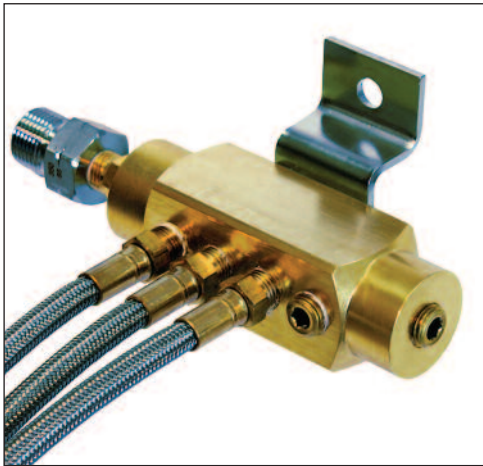


Mini Manifold Systems (5M Series)



Specifications

- Maximum Inlet Pressure: 3000 psig
- Temperature Range: -65° F to 150° F (-54° C to 65° C)
- Materials:
 - Manifold and fittings: Brass
 - Flex hoses: Teflon Lined with Brass Fittings

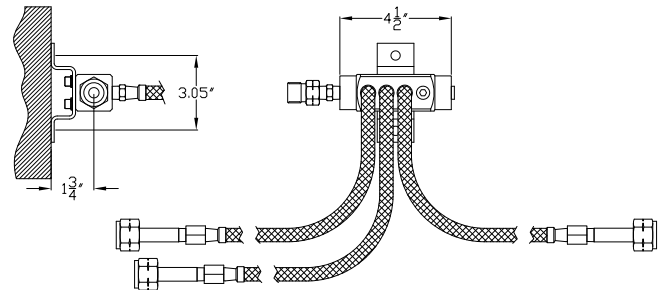
Standard Configuration

- Brass manifold block
- Heavy duty stainless steel mounting bracket
- 3 foot long Teflon lined flex hoses
- Brass CGA connections
- CGA bushing on outlet
- Mounting holes for 3/8" screws

Matheson offers a complete line of Mini Manifold Systems. Our standard, most common features are listed below. However, if you don't see what you are looking for, contact either a Matheson customer service representative or your local sales person. They can help you configure a Mini Manifold System that meets your specific requirements.

Introduction

Matheson 5M Series Mini Manifolds provide a cost effective gas distribution system for up to four cylinders. This system consists of a compact brass manifold and Teflon lined flex hoses with brass CGA cylinder connections mounted on a heavy duty mounting bracket. While the standard CGA bushing on the outlet is ideal for cylinder regulators, many other outlet connections are available. The low profile bracket is ideal for use with a single stage regulator while an optional bracket is available for dual stage regulators. Our Mini Manifolds can easily be used to increase the cylinder capacity of a two-cylinder SwitchPro™ automatic switchover system or they can be used in an Assist Gas delivery system. Many options are available including six foot long flex hoses, CGA check valves, and cylinder holders.



Ordering Information

Model Series	Number of Cylinders	Gas/CGA	Option	Option	Option	Option	Option	Option	Option
5M	—	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

Model Number Generator for Mini Manifold Systems

MODEL SERIES

5M = Mini Manifold

OF CYLINDERS

- 1 = One
- 2 = Two
- 3 = Three
- 4 = Four

CGA

- A = CGA 510 (Acetylene)
- B = CGA 590
- C = CGA 510
- F = CGA 346
- N = CGA 326
- P = CGA 540
- T = CGA 580
- V = CGA 350
- W = CGA 320

OPTIONS

- Hose/Pigtail (3 ft. Flex Hoses – std.)
- 3 = 6 ft. Flex Hoses (Teflon lined)

- Outlet (CGA bushing std.)
- 6 = No Outlet Fitting (1/4" FPT)
- 7 = 1/4" Compression
- 8 = 1/4" MPT
- 9 = 1/2" MPT
- B = 3/8" Compression
- C = 1/2" Compression

Valves

- A = HPV – High Pressure Vent
- L = Outlet Isolation

OPTIONS

- Cylinder Holders
- 4 = Cylinder Holder W/Strap
- 5 = Cylinder Holder W/Strap & Chain

- Indicating pressure switches (IPS)
- D = 3000 psig
- F = 600 psig (dewars)
- J = PM-24 Annunciator Box

CGA options

- G = Add Check Valve to CGA fitting
- H = Handles on CGA fittings
- Z = Quick Coupler CGA's (not CGA 350)

Other Options

- P = Strut Mounted (12" long Aluminum)
- Q = Bracket for Two Stage Regulator
- R = NFPA Label (gas name needed)