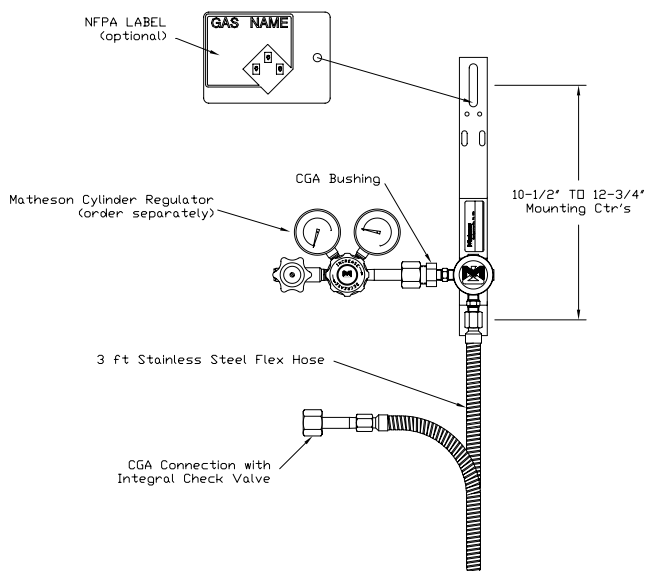


Single Station Manifolds (53 & 54 Manifold Series)



Introduction

Matheson 53 and 54 Series Single Station Manifolds provide a convenient means of wall mounting a regulator. These products consist of a mounting bracket; flex hose and integral check valve. The manifolds may be used with many of Matheson's single or dual stage, brass or stainless steel regulators (regulators sold separately).

Typical Application

- Supply of GC carrier gas/support gas
- Supply of calibration standards to on-line process analyzers, emission monitoring systems, etc

Specifications

- Standard Gases Delivered
 - Inerts 580 CGA
 - Flammables 350 CGA
 - Carbon Dioxide 320 CGA

NOTE: The CGA's shown above represent common gases used in the laboratory environment and are not exclusive for use with the Single Station Manifold. Please consult a Matheson Tri-Gas customer service representative for ordering a Single Station Manifold for a gas that is not listed.

- Wetted Components: Brass or 316 Stainless Steel
- Maximum Inlet Pressure: 3000 psig (depending upon CGA rating)
- Manifold Outlet Connection: CGA Bushing - Brass or Stainless Steel

Standard Features

- Standard Manifold System Components
 - 3-ft Flex Hoses with Integral Check Valves
 - Right Side Cylinder Set-Up (gas outlet is on left side)
 - Mounting Brackets

NOTE: Pressure regulators are not included as a standard item and must be ordered separately. Consult with a Matheson Tri-Gas customer service representative to select the optimum regulator to satisfy your gas delivery pressure requirements.

Don't See What You Want?

Matheson offers a complete line of Single Station Manifold Systems. Our standard, most common configuration options are listed below. However, if you don't see what you are looking for, contact a Matheson Tri-Gas customer service representative and ask to speak with your local equipment sales support specialist. They can help you configure a Single Station Manifold that meets your specific requirements.

Options

- Rigid Pigtail
- 6-ft Flex Hose
- Cylinder Holder with Strap
- Cylinder Holder (with Strap or with Strap and Chain)
- Vent Valve
- Master Valve
- Eliminate Check Valves
- NFPA Label and Mounting Plate
- CGA Handles

Ordering Information

| Model Number | Material | Gas/CGA |
|--------------|-----------------|--------------------------|
| 53-18T | Brass | Inert / CGA 580 |
| 53-18V | Brass | Flammable / CGA 350 |
| 53-18W | Brass | Carbon Dioxide / CGA 320 |
| 53-18B | Brass | Zero Air / CGA 590 |
| 54-18T | Stainless Steel | Inert / CGA 580 |
| 54-18V | Stainless Steel | Flammable / CGA 350 |
| 54-18W | Stainless Steel | Carbon Dioxide / CGA 320 |
| 54-18B | Stainless Steel | Zero Air / CGA 590 |