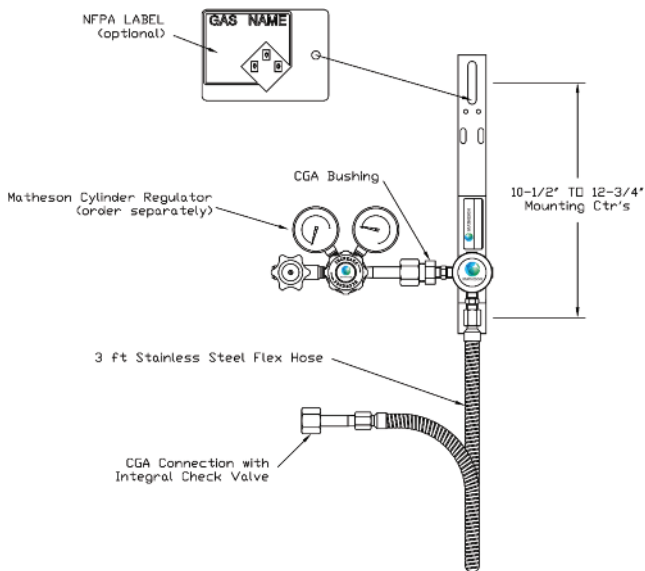




# Single Station Manifolds (53 & 54 Manifold Series)



### 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 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 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

### 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 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

### 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