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 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 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

Ordering Information

<table>
<thead>
<tr>
<th>Model Number</th>
<th>Material</th>
<th>Gas/CGA</th>
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<tbody>
<tr>
<td>53-18T</td>
<td>Brass</td>
<td>Inert / CGA 580</td>
</tr>
<tr>
<td>53-18V</td>
<td>Brass</td>
<td>Flammable / CGA 350</td>
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<tr>
<td>53-18W</td>
<td>Brass</td>
<td>Carbon Dioxide / CGA 320</td>
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<tr>
<td>53-18B</td>
<td>Brass</td>
<td>Zero Air / CGA 590</td>
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<tr>
<td>54-18T</td>
<td>Stainless Steel</td>
<td>Inert / CGA 580</td>
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