

## Manifold Changeover Systems

Airgas® supplies manifolds for most applications of our common gases, fed from cylinders or dewars. Manifolds for single or multiple cylinders or dewars have been designed for analytical, medical, industrial, high-purity, and semiconductor applications. Airgas gas manifold systems help maximize safety and reliability, while providing a constant supply of gas to the process. They also eliminate storage space at individual workstations and labor needed to constantly replace cylinders. Airgas also offers a complete line of gas generators that can provide any analytical application with a continuous supply of gas.

### Design

Airgas manifolds are designed to meet all applicable codes and applications. All manifolds are designed and tested to ASTM's section ANSI B31.3. All medical manifolds meet current NFPA 99 standards. Flammable systems meet the applicable NFPA codes. Airgas manifolds assure gas stream purity, delivering the same quality gas as certified at the cylinder fill location. Manifolds are specifically designed for the various applications our gases are used for. Systems have purge capabilities incorporated. Purge capabilities can be added to systems that do not have this capability as a standard option.

### Benefits

#### Uninterrupted Gas Supply

Centralized gas supply eliminates costly interruptions and wasted manpower to install and replace cylinders at individual workstations.

#### Gas Savings

Manifolds ensure that cylinders are uniformly emptied. Operators will not return cylinders still containing usable gases. This can be a substantial savings in analytical and high-purity applications.

#### Space Savings

A centrally located manifold eliminates the space necessary for cylinders and handling equipment at each workstation. This is especially true in laboratory applications.

#### Safety

Cylinder handling can be controlled and confined to one area. Cylinder hazards at the workstation are eliminated.

#### Cylinder Savings

A manifold can reduce the number of cylinders required to maintain proper gas supply by 25% to 50%. This, in turn, reduces the amount of required regulating equipment and maintenance.

#### Standard Manifolds

Airgas' line of standard manifolds is the most comprehensive in the industry. Our manifolds offer readily available solutions to your manifold needs in analytical, high-purity and semiconductor applications.

#### Standard Features for Flexibility and Efficiency

##### Standard Materials

Standard manifolds may be ordered in brass and 316 stainless steel.

##### Standard Options

Many options such as safety relief valves, pressure switches, and alarm panels may be added to your manifold at time of order.

##### Built-in Flexibility

Modular construction makes adding additional cylinders easy with retrofit kits.

##### Delivery

Airgas manifolds are built at our Specialty Gas Equipment Center in Taylors, South Carolina. Two- and four- cylinder changeover panels are part of our 24-hour delivery program. Six- and eight-cylinder units are shipped in 2–3 days.

##### Reliable Price

Airgas can meet with all of your manifold needs, with the most competitive pricing in the industry and fast delivery.

##### Technical Information

Contact Airgas National Technical Services Support at **1-877-ASG-4-GAS**.