

# Specialty Gas Equipment

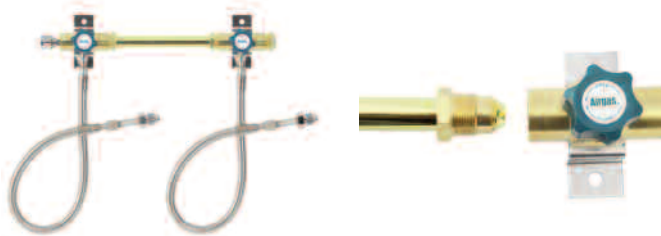


## Modular High-Pressure Manifolds

**Description:** These unique Airgas modular manifold assemblies use a proprietary high integrity method to connect sections to form a manifold, without any welding or brazing of metal. This design allows for quick delivery, easily assembled into straight, L or U shape configurations. These manifolds may also be reconfigured into the field to add or remove sections or reconfigure the shape of the manifold. Each cylinder location is equipped with a 30-inch flexible pigtail, a manual diaphragm-type isolation valve and a check valve at the CGA cylinder connection. Any cylinder may be changed at any time without interrupting the supply of product to the user's process. A CGA fitting is provided on the left end of the manifold (right-hand units available upon request) for connection of a regulator (supplied separately). The manifold is attached to an aluminum I-beam for mounting the assembly to a wall.

Headers

MANIFOLDS



### Design Features

#### Configurations

Straight, L or U shaped, wall or floor mounted configurations available.

#### Trouble-free Wall Mounting Assembly

Wall mounting brackets attached to each valve.

#### Easy Change Out

No interrupted supply of product to user's process.

#### CGA Regulator Fitting Provided on Left End of Manifold

Right-hand units available upon request.

Part numbers reflect left to right flow, please call for other configurations.

Specifications	
Max Rated Inlet Pressure	3,500 psig (241 bar)
Ambient Operating Temperature	-40° F to 160° F (-40° C to 71° C)
Available CGA Connections	320, 350, 540**, 580, 590

Materials	
Manifold	Brass and Stainless Steel
Header Valve	Brass, Stainless Steel
Valve Seat	PTCFE®
Pigtails	Armored 316 Stainless Steel
CGA Fittings	Brass, Stainless Steel with integrated check valve
Check Valves	Viton® O-rings

Ordering Information						
Product Number	Num. of Cylinders	Manifold Material	Max Pressure (psig)	Pigtail Material	CGA Material	Header Valve Material
Y15-2MM4(CGA)	4	Brass	3,500	Stainless Steel	Brass	Brass
Y15-2MM6(CGA)	6	Brass	3,500	Stainless Steel	Brass	Brass
Y15-4MM4(CGA)	4	316 SS	3,500	Stainless Steel	Stainless Steel	Stainless Steel
Y15-4MM6(CGA)	6	316 SS	3,500	Stainless Steel	Stainless Steel	Stainless Steel

\*\*\*Call 800-939-5711 for other configurations

Please call the Specialty Gas Equipment Technology Center at 800-939-5711 for assistance in specifying these optional accessories.

### Available Options

#### Description

Pressure Regulators

Flash Arrestors

Tee-Purge Assemblies

Cross Purge Assemblies

Pressure Switches

Alarm Panels