

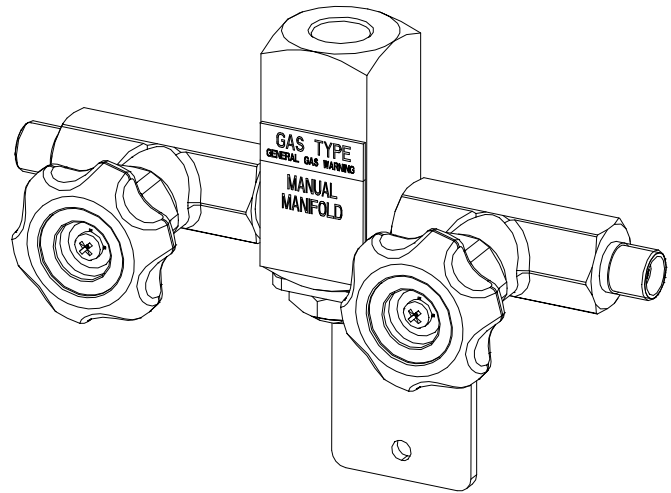
Gascon Systems presents a **new range** of "base level" manual change-over gas manifold systems. This range is specifically designed for applications where there is a single gas source on both supply banks, (ie single cylinder by single cylinder, single cylinder pack by single cylinder pack).

The manifold features a solid gas specific outlet fitting block into which two high pressure isolation valves are fitted. The isolation valves, fitted with colour coded knobs, incorporate upstream non-return valves to prevent accidental reverse flow if an empty or partial empty cylinder is connected to the manifold.

The manifold is easily mounted to the wall using two 6mm (1/4") screws to secure the robust stainless steel mounting bracket. The standard bracket is designed so that a single stage regulator can be fitted to the manifold. An option of a longer bracket is available if extra clearance from the wall is required, eg. a dual stage regulator is to be fitted.

Manifolds can be supplied with or without cylinders leads. Individual inlet pressure gauges can be fitted to both supply banks, if required. For high purity gas applications the manifold can be chrome plated, and inlet purge valves fitted. Outlet connections other than those listed in the ordering information section can be supplied on request, (eg. CGA or DIN fittings).

Note: This manifold is **not** designed to be expandable by fitting additional cylinder to either supply bank.



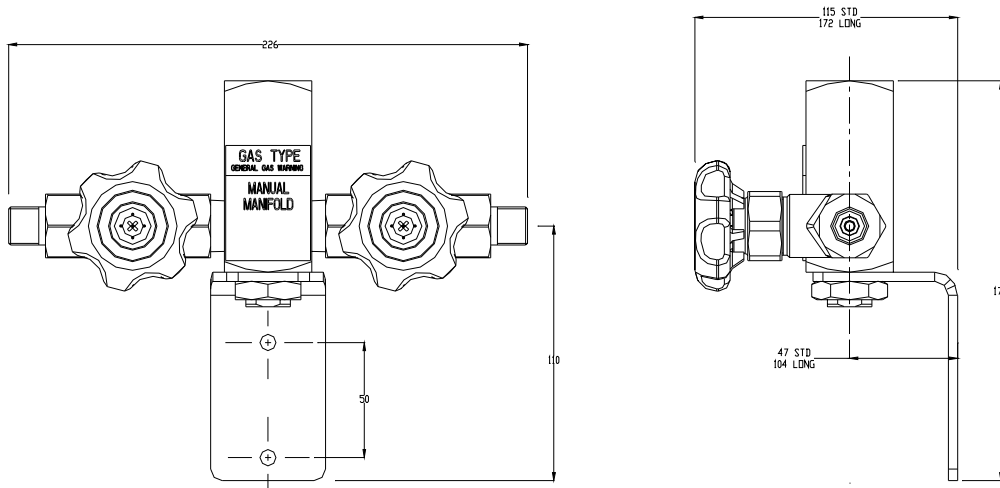
MATERIALS OF CONSTRUCTION

Outlet Block:	Brass
Isolation Valve Body:	Brass
Isolation Valve Seat:	Nickel Silver/Nylon (except for oxygen: Nickel Silver/Monel 400)
Isolation Valve Gland:	PTFE
Isolate Valve Knobs:	Flame Retardant Nylon
Non-Return Valves:	Brass/Stainless Steel (except for oxygen: Brass/Bronze)
Mounting Bracket:	Stainless steel

SPECIFICATIONS

Maximum Inlet Pressure:	200 Bar @ 15° C (G0480 models) 300 Bar @ 15° C (G0481 models)
Inlet Connection:	3/8" BSP RH for industrial non-fuel gases 3/8" BSP LH for industrial fuel gases
Outlet Connection:	refer table
Temperature Operating Range:	0-60° C
Weight:	2.5 kgs
Basic Dimensions:	226mm x 115mm x 175mm

BASIC DIMENSIONS



ORDERING INFORMATION

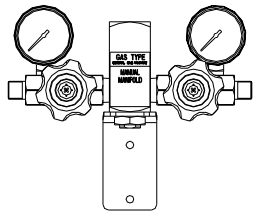
Part No	Working Gas	Outlet Fitting	Inlet Fitting	Knob Control
G0480-ACET	Acetylene	Type 20	3/8" BSP LH	Red
G0480-AIR	Air	Type 60	3/8" BSP RH	Blue
G0480-AR	Argon/Argoshield	Type 10	3/8" BSP RH	Blue
G0480-CO2	Carbon Dioxide	Type 30	3/8" BSP RH	Green Grey
G0480-FUEL	Fuel & Fuel Gas Mixtures	Type 20	3/8" BSP LH	Red
G0480-HE	Helium	Type 10	3/8" BSP RH	Blue
G0480-H2	Hydrogen	Type 20	3/8" BSP LH	Red
G0480-LPG	LPG/Propane	Type 21	3/8" BSP LH	Orange
G0480-MIX	Non Flammable Gas Mixtures	Type 10	3/8" BSP RH	Blue
G0480-N2	Nitrogen	Type 50	3/8" BSP RH	Blue
G0480-N2O	Nitrous Oxide	Type 30	3/8" BSP RH	Blue
G0480-OXY	Oxygen	Type 10	3/8" BSP RH	Black
G0481-AIR	Air	Type 61	3/8" BSP RH	Blue
G0481-AR	Argon	Type 11	3/8" BSP RH	Blue
G0481-N2	Nitrogen	Type 51	3/8" BSP RH	Blue

- To include two flexible single cylinder leads with the manifold, simply add a "1x1" suffix to the above part numbers.
- To include two flexible pack leads with the manifold, add a "1Px1P" suffix to the above part numbers.
- To chrome plate the manifold, add a "CHROME" suffix to the above part numbers.
- To include purge valves to the manifold, add a "PURGE" suffix to the above part numbers.

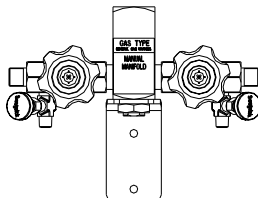
ORDERING EXAMPLE

G0480-CO2 1x1 A single cylinder by single cylinder carbon dioxide manual manifold

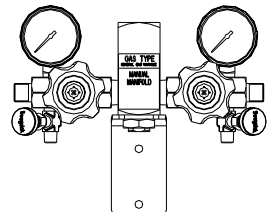
SPECIAL OPTIONS



Inlet Pressure Gauges



Inlet Purge Valves



Inlet Pressure Gauges and Purge Valves

GASCON
SYSTEMS

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