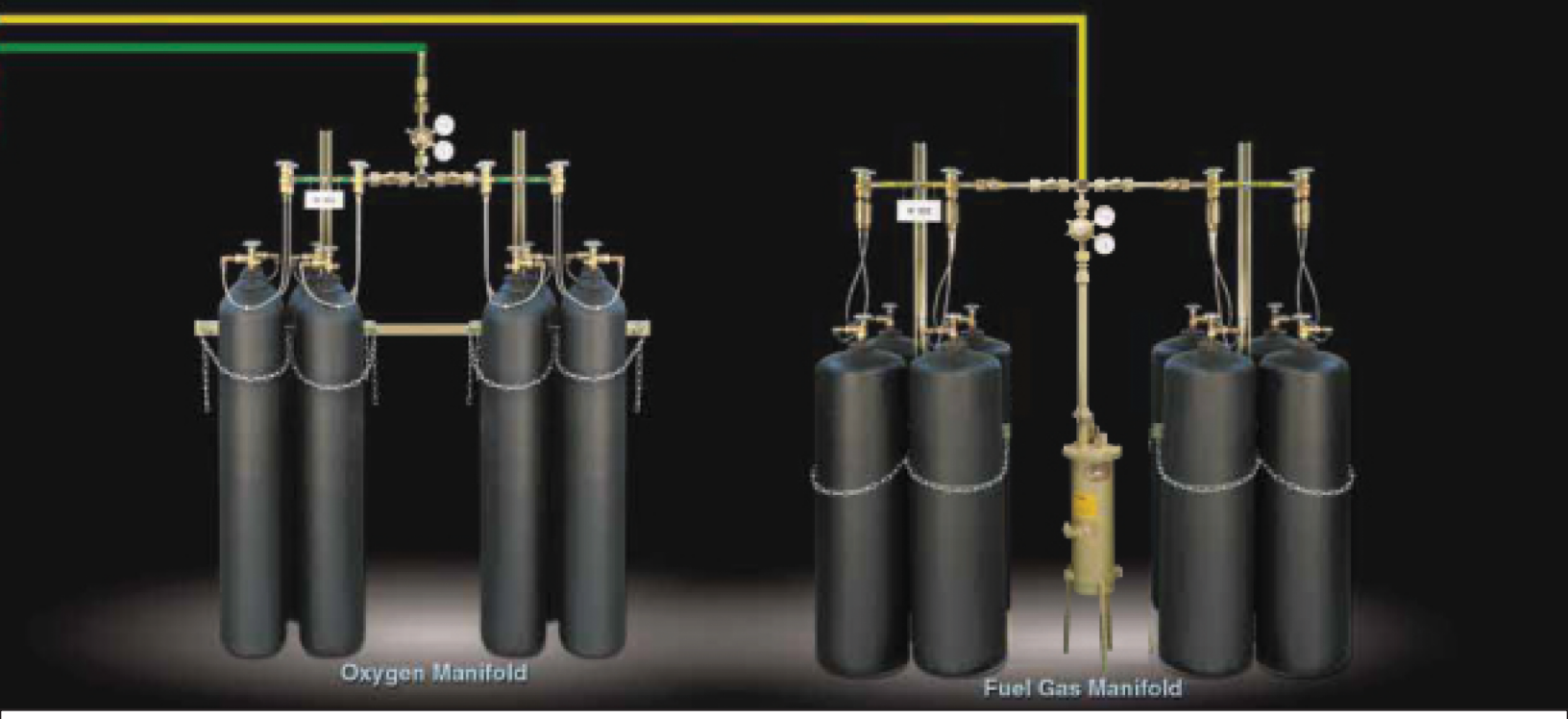
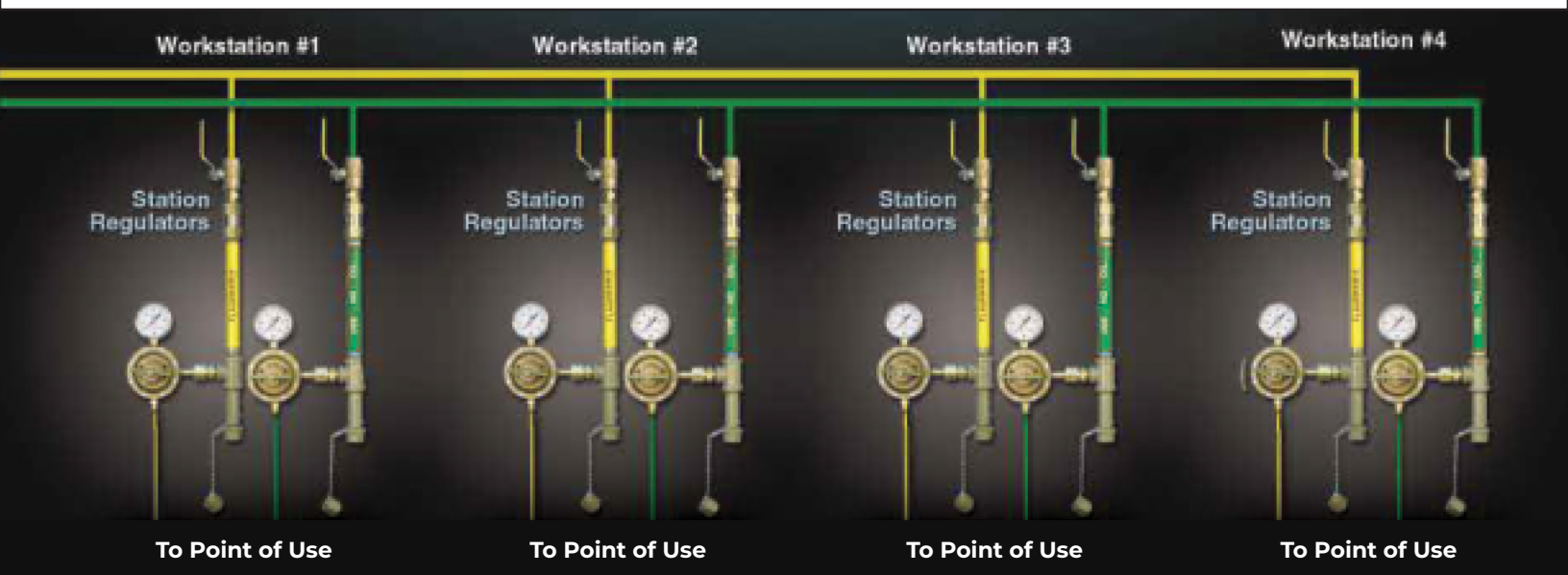


Rexarc

GAS DISTRIBUTION SYSTEMS FULL LINE



Rexarc

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General Use of this Catalog

Thank you for choosing Rexarc for your industrial gas distribution needs. All Rexarc gas distribution systems in this catalog come complete as a system with single part number identifying a family of properly engineered components specific for your application.

The first part of the system part numbers designate the type of system operation. There are two basic sets of numbers for Rexarc distribution systems:

3-04 Manual System – Manual changeover is required and slight interruption may occur for equipment attached to the downstream piping system.

4-04 Automatic System – Changeover is automatic and supply is uninterrupted for equipment attached to the downstream piping system.

There are a series of letters contained in a Rexarc gas distribution system part number to designate certain system characteristics. Below are the various letters and what system features are assigned to each letter:

- **F** Wall mount system with liquid flashback arrester
- **J** Floor Mount system with liquid flashback arrester
- **H** Heater is included with system (Carbon Dioxide, Nitrous Oxide)
- **S** Stand is included for system floor mounting
- **V** Vaporizer
- **HP** High Pressure: System delivery up to 200 psi
- **SHP** System stand and high pressure delivery (Up to 200 psi)

To make ordering and technical support as straightforward as possible, our gas distribution system part numbers contain an identifier to indicate the type of gas to be used with the system. Below are the various gases and the letter associated with that gas when talking to Rexarc.

- **R** Acetylene
- **G** Oxygen
- **N** Nitrogen
- **HY** Hydrogen
- **A** Argon
- **C** Carbon Dioxide
- **AC** Argon/Carbon Dioxide
- **HE** Helium
- **PE** Propylene Based Gases
- **MA** MAPP
- **BA** Breathing Air
- **IA** Industrial Air
- **CA** Compressed Air
- **ME** Methane
- **NG** Natural Gas
- **Y** LPG Type Gases

The last number in a Rexarc system part number designates the total number of cylinders in a system. Depending on the style and type of distribution system, the number may vary slightly but the general rule is that the last number represents the total number of cylinders in the system.

For example, a six cylinder system will have a "**- 6**" at the end of the part number. For a twin header or an automatic distribution system, this means that the distribution system will have provisions for three cylinders on the left side and three cylinders on the right side. If the system is a manual, single header, single regulator system, the "**- 6**" would indicate that there are six total cylinders on the one system bank.

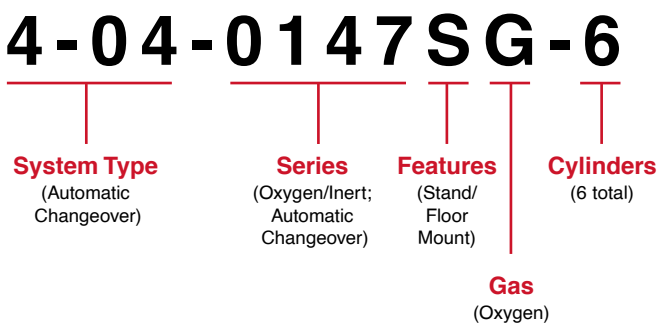
A sample part number is shown at the bottom of this page, showing what each portion of the part number represents:

Please use this page to assist you when selecting the proper distribution system for your application.

Once you familiarize yourself with our system numbering basics, we hope you will find the Rexarc numbering system easy to use and will continue to choose Rexarc for all of your gas distribution system needs.

If you don't see what you need in this catalog but have a design or idea for what you want in a system, just give us a call toll free at **1-877-Rexarc1 (877-739-2721)** and ask one of our system design specialists to configure a custom ***"Build Your Own"*** system for your application.

Thank you again for choosing Rexarc.



Piping Systems for Welding Gases

General

Protective equipment is required in fuel gas and oxygen piping systems to prevent a reverse flow of oxygen from flowing back up the fuel gas line, or a reverse flow of fuel gas from flowing back up the oxygen line, also to prevent excessive pressure build-up in the system and stop a flashback from reaching the supply source.

Piping systems shown comply to National Fire Protection Association Bulletin #51. Copies can be obtained by writing:

National Fire Protection Association, Inc.
1 Batterymarch Park, Quincy, MA 02169
Phone: 1-800-344-3555
Web Site: http://www.nfpa.org/catalog/

Pipe Sizing Chart for gas distribution systems

Service piping: To assure adequate flow rates, it is most important to select the correct pipe size for the main supply and branch lines of your in-plant gas distribution system. The National Fire Protection Association in its Bulletin NFPA #51 (1992) outlines standards for the installation and operation of oxygen/fuel gas systems for welding and cutting. Copies can be obtained by writing National Fire Protection Association, Inc., Batterymarch Park, Quincy, MA 02269.

15 to 30 psig operating pressure

Standard Cubic Ft. Per Hour	Length of pipe — Lineal Feet								
	50	100	250	500	750	1000	1250	1500	2000
100	3/4”	3/4”	1”	1”	1”	1”	1-1/4”	1-1/4”	1-1/4”
200	3/4”	1”	1”	1-1/4”	1-1/4”	1-1/4”	1-1/2”	1-1/2”	1-1/2”
300	1”	1”	1-1/4”	1-1/4”	1-1/2”	1-1/2”	1-1/2”	1-1/2”	1-1/2”
400	1”	1-1/4”	1-1/4”	1-1/2”	1-1/2”	1-1/2”	2”	2”	2”
500	1-1/4”	1-1/4”	1-1/2”	2”	2”	2”	2”	2”	2-1/2”
750	1-1/4”	1-1/2”	1-1/2”	2”	2”	2-1/2”	2-1/2”	2-1/2”	2-1/2”
1000	1-1/2”	1-1/2”	2”	2-1/2”	2-1/2”	2-1/2”	2-1/2”	2-1/2”	3”
1250	1-1/2”	1-1/2”	2”	2-1/2”	2-1/2”	2-1/2”	3”	3”	3”
1500	1-1/2”	2”	2”	2-1/2”	3”	3”	3”	3”	3-1/2”
1750	1-1/2”	2”	2-1/2”	2-1/2”	3”	3”	3”	3-1/2”	3-1/2”
2000	2”	2”	2-1/2”	3”	3”	3”	3-1/2”	3-1/2”	3-1/2”
2500	2”	2-1/2”	2-1/2”	3”	3-1/2”	3-1/2”	3-1/2”	3-1/2”	3-1/2”
3000	2”	2-1/2”	3”	3-1/2”	3-1/2”	3-1/2”	3-1/2”	4”	4”
3500	2-1/2”	2-1/2”	3”	3-1/2”	3-1/2”	3-1/2”	4”	4”	4”

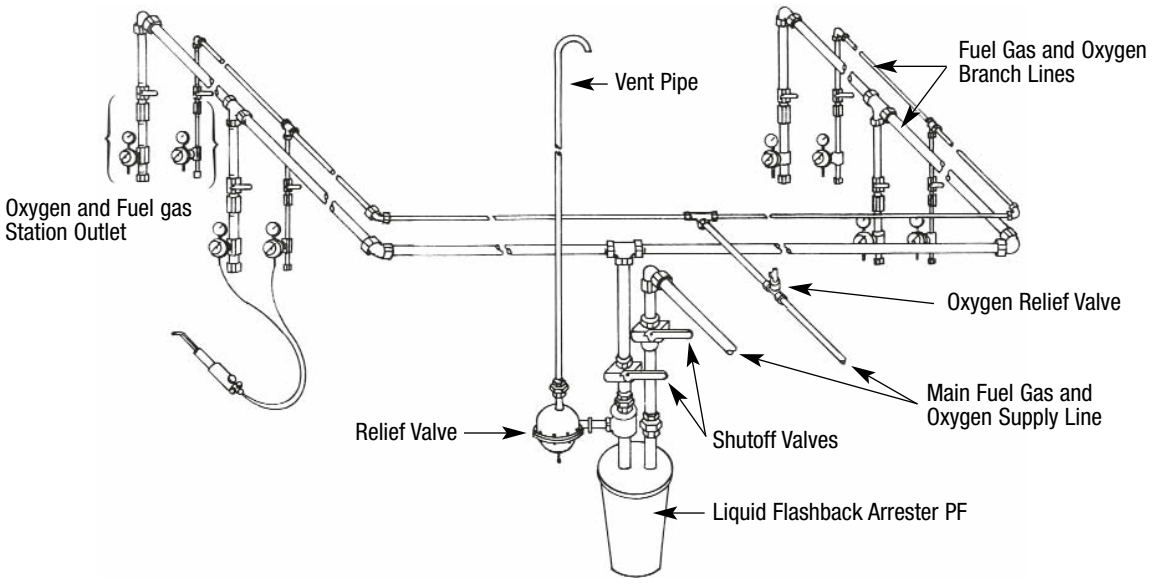
30 to 50 psig operating pressure

Standard Cubic Ft. Per Hour	Length of pipe — Lineal Feet								
	50	100	250	500	750	1000	1250	1500	2000
100	3/4”	3/4”	3/4”	3/4”	3/4”	3/4”	3/4”	3/4”	3/4”
200	3/4”	3/4”	3/4”	3/4”	3/4”	1”	1”	1”	1”
300	3/4”	3/4”	3/4”	1”	1”	1”	1”	1”	1”
400	3/4”	3/4”	1”	1”	1”	1-1/4”	1-1/4”	1-1/4”	1-1/4”
500	3/4”	3/4”	1”	1”	1-1/4”	1-1/4”	1-1/4”	1-1/4”	1-1/4”
750	3/4”	1”	1-1/4”	1-1/4”	1-1/4”	1-1/2”	1-1/2”	1-1/2”	1-1/2”
1000	1”	1”	1-1/4”	1-1/4”	1-1/2”	1-1/2”	1-1/2”	1-1/2”	1-1/2”
1250	1”	1-1/4”	1-1/4”	1-1/2”	1-1/2”	2”	2”	2”	2”
1500	1”	1-1/4”	1-1/2”	1-1/2”	2”	2”	2”	2”	2”
1750	1-1/4”	1-1/4”	1-1/2”	2”	2”	2”	2”	2”	2”
2000	1-1/4”	1-1/4”	1-1/2”	2”	2”	2”	2-1/2”	2-1/2”	2-1/2”
2500	1-1/2”	1-1/2”	2”	2”	2”	2-1/2”	2-1/2”	2-1/2”	2-1/2”
3000	1-1/2”	1-1/2”	2”	2”	2-1/2”	2-1/2”	2-1/2”	2-1/2”	2-1/2”
3500	1-1/2”	1-1/2”	2”	2-1/2”	2-1/2”	2-1/2”	3”	3”	3”

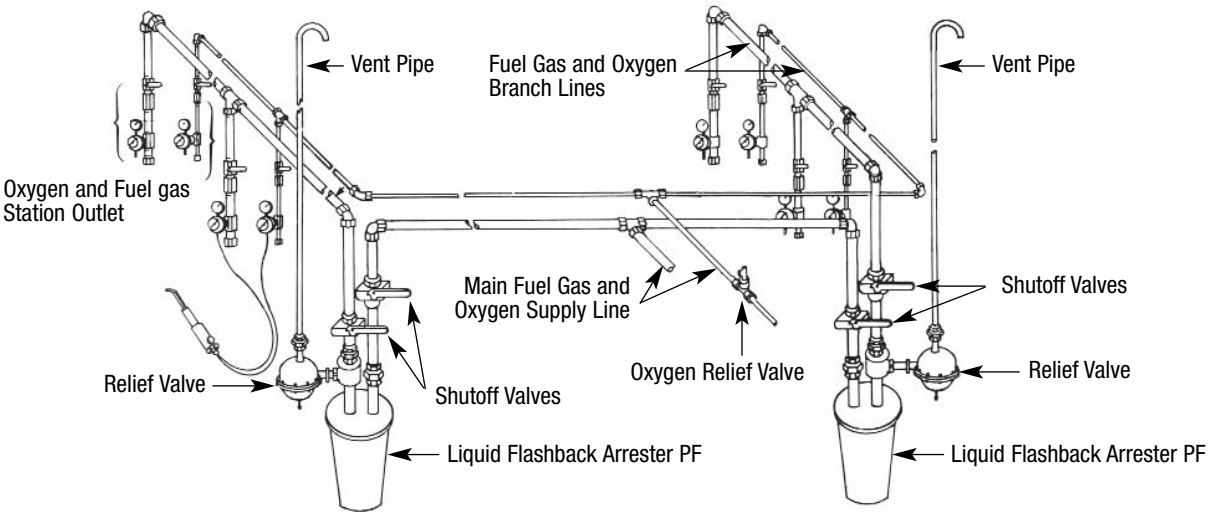
50 to 100 psig operating pressure

Standard Cubic Ft. Per Hour	Length of pipe — Lineal Feet								
	50	100	250	500	750	1000	1250	1500	2000
100	1/2”	1/2”	1/2”	1/2”	1/2”	1/2”	1/2”	3/4”	3/4”
200	1/2”	1/2”	1/2”	3/4”	3/4”	3/4”	3/4”	1”	1”
300	1/2”	1/2”	3/4”	3/4”	3/4”	1”	1”	1-1/4”	1-1/4”
400	3/4”	3/4”	3/4”	1”	1”	1”	1”	1-1/4”	1-1/4”
500	3/4”	3/4”	3/4”	1”	1”	1”	1-1/4”	1-1/4”	1-1/4”
750	3/4”	3/4”	1”	1-1/4”	1-1/4”	1-1/4”	1-1/4”	1-1/2”	1-1/2”
1000	3/4”	1”	1”	1-1/4”	1-1/4”	1-1/4”	1-1/2”	2”	2”
1250	1”	1”	1-1/4”	1-1/4”	1-1/2”	1-1/2”	1-1/2”	2”	2”
1500	1”	1”	1-1/4”	1-1/4”	1-1/2”	1-1/2”	2”	2”	2”
1750	1”	1-1/4”	1-1/4”	1-1/2”	1-1/2”	2”	2”	2”	2-1/2”
2000	1”	1-1/4”	1-1/4”	1-1/2”	2”	2”	2”	2-1/2”	2-1/2”
2500	1-1/4”	1-1/4”	1-1/2”	2”	2”	2”	2”	2-1/2”	3”
3000	1-1/4”	1-1/4”	1-1/2”	2”	2”	2”	2-1/2”	3”	3”
3500	1-1/4”	1-1/2”	2”	2”	2”	2-1/2”	2-1/2”	3”	3”

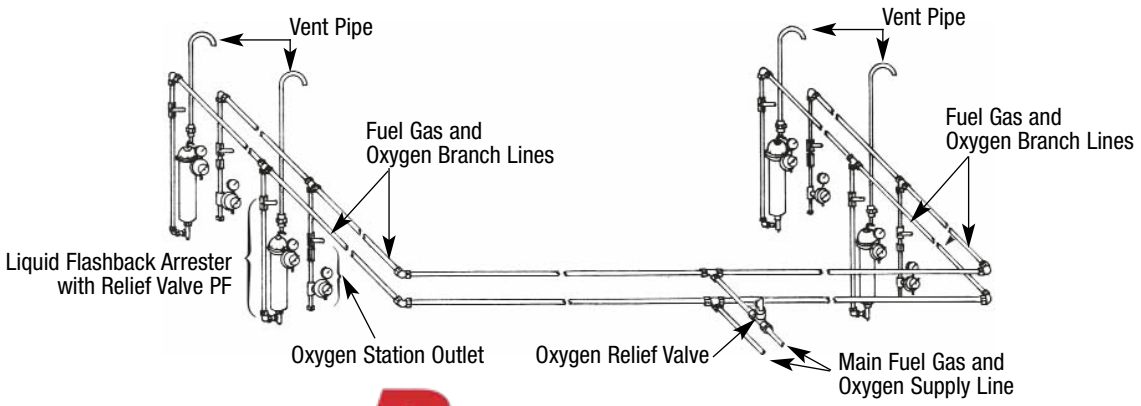
Fuel gas branch lines under 2”



Fuel gas branch lines 2” or over



No pipe size restriction on branch lines, with torch station liquid flashback arresters



Rexarc

Rexarc manifold systems reduce cylinder handling costs and provide maximum safety.

Rexarc manifold systems allow better cylinder control, safety and performance in your production facility while reducing costs.

No more cylinders scattered about the workplace, thus saving time in replacing empties while reducing rental costs and record keeping.

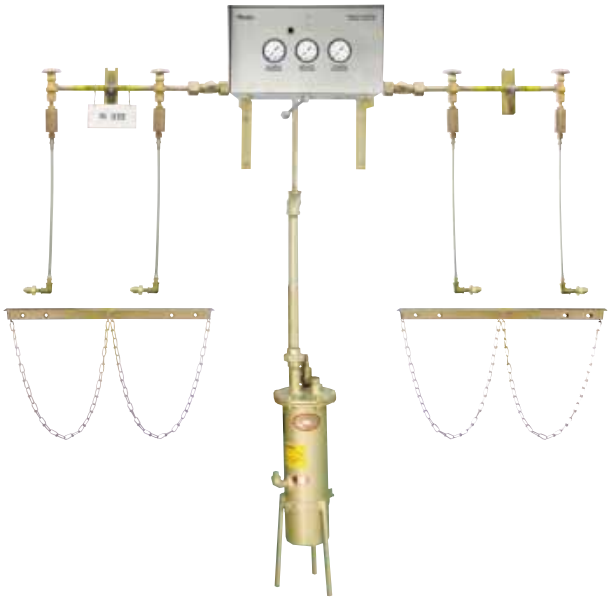
Safety is improved with the tighter cylinder control enabled by manifold use, and production is positively impacted by eliminating frequent downtime due to cylinder change-outs.
Gas consumption is also reduced since each cylinder is uniformly emptied.

Selecting the correct size acetylene manifold

To select the proper acetylene manifold for your operation, consider these points:

1. Calculate the flow (scfh) at each use point in the piping system. Add the cubic feet per hour flow rate of each. The total will give you the volume of fuel gas needed per hour.
2. The manifold should have enough cylinders to provide for at least one week's fuel gas requirements.
3. Acetylene withdrawals for continuous operation is 1/10th of the cylinder content per hour.

No. of Cylinders Per Manifold	Withdrawal Rate Per Hour			
	145 Cu. Ft. Cylinder	250 Cu. Ft. Cylinder	300 Cu. Ft. Cylinder	400 Cu. Ft. Cylinder
1	14	25	30	40
2	29	50	60	80
3	43	75	90	120
4	58	100	120	160
5	72	125	150	200
6	87	150	180	240
7	101	175	210	280
8	116	200	240	320
9	130	225	270	360
10	145	250	300	400
12	174	300	360	480
14	203	350	420	560
16	232	400	480	640
18	261	450	560	720
20	290	500	600	800

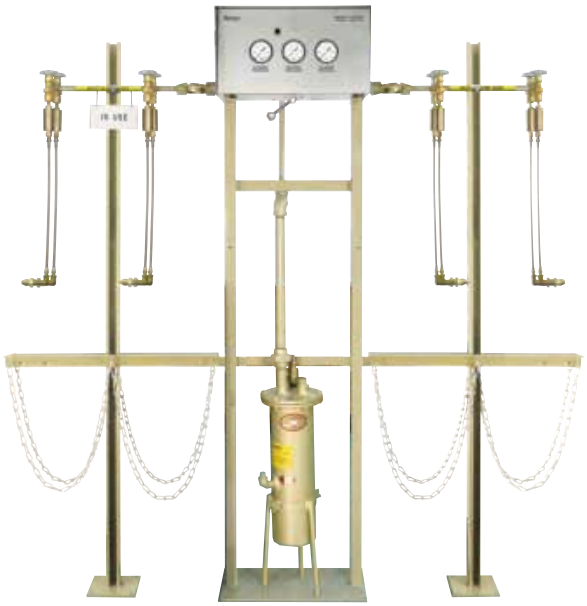


Fuel Gas – Automatic Changeover, Wall Mount

No. Cyl.	Part No. Acetylene*	Part No. LPG Type Gas**	Length	Approx. Shipping Wt. Lbs.
4	4-04-0136FR-CGA-4	4-04-0136FY-CGA-4	5'-5"	150
6	4-04-0136FR-CGA-6	4-04-0136FY-CGA-6	7'-7"	155
8	4-04-0136FR-CGA-8	4-04-0136FY-CGA-8	9'-9"	160
10	4-04-0136FR-CGA-10	4-04-0136FY-CGA-10	11'-11"	165
12	4-04-0136FR-CGA-12	4-04-0136FY-CGA-12	14'-1"	170
14	4-04-0136FR-CGA-14	4-04-0136FY-CGA-14	16'-3"	175
16	4-04-0136FR-CGA-16	4-04-0136FY-CGA-16	18'-5"	180

**Specify cylinder connections for acetylene (CGA 510 POL or CGA 300 Commercial)*
***Specify gas by name*

- Maximum flow rate:
  Acetylene – 250 scfh @ 13 psig
  LPG Type – 250 scfh @ 35 psig
- Manifold switches automatically from "in-use" to "reserve" bank.
- Changeover warning system is not included. If a changeover warning system is desired, an explosion-proof pressure switch kit must be ordered separately. See page 51.



Fuel Gas – Automatic Changeover, Floor Mount, Cross Type

No. Cyl.	Part No. Acetylene*	Part No. LPG Type Gas**	Length	Approx. Shipping Wt. Lbs.
8	4-04-0136JR-CGA-8	4-04-0136JY-CGA-8	5'-5"	185
12	4-04-0136JR-CGA-12	4-04-0136JY-CGA-12	7'-7"	195
16	4-04-0136JR-CGA-16	4-04-0136JY-CGA-16	9'-9"	205

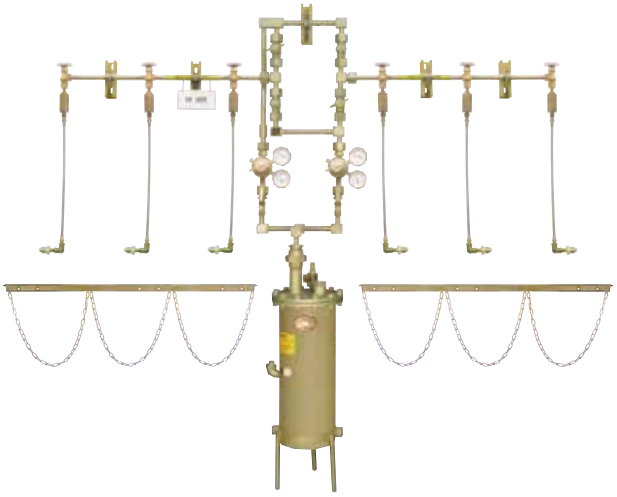
**Specify cylinder connections for acetylene (CGA 510 POL or CGA 300 Commercial)*
***Specify gas by name*

- Maximum flow rate:
  Acetylene – 250 scfh @ 13 psig
  LPG Type – 250 scfh @ 35 psig
- Manifold switches automatically from "in-use" to "reserve" bank.
- Changeover warning system is not included. If a changeover warning system is desired, an explosion-proof pressure switch kit must be ordered separately. See page 51.

Fuel Gas – Twin Regulator, Automatic Changeover, Wall Mount

No. Cyl.	Part No. Acetylene*	Part No. LPG Type Gas**	Length	Approx. Shipping Wt. Lbs.
4	4-04-0125R-CGA-4	4-04-0125Y-CGA-4	8'-3"	337
6	4-04-0125R-CGA-6	4-04-0125Y-CGA-6	10'-5"	352
8	4-04-0125R-CGA-8	4-04-0125Y-CGA-8	12'-7"	367
10	4-04-0125R-CGA-10	4-04-0125Y-CGA-10	14'-9"	382
12	4-04-0125R-CGA-12	4-04-0125Y-CGA-12	16'-11"	397
14	4-04-0125R-CGA-14	4-04-0125Y-CGA-14	19'-11"	412
16	4-04-0125R-CGA-16	4-04-0125Y-CGA-16	21'-3"	427
18	4-04-0125R-CGA-18	4-04-0125Y-CGA-18	23'-5"	442
20	4-04-0125R-CGA-20	4-04-0125Y-CGA-20	25'-7"	457

**Specify cylinder connections for acetylene (CGA 510 POL or CGA 300 Commercial)*
***Specify gas by name*

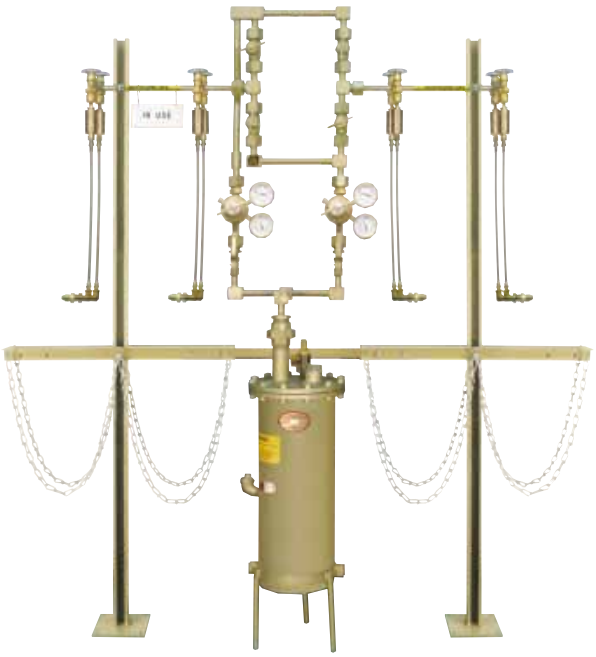


- Maximum flow rate:
  Acetylene – 1000 scfh @ 13 psig
  LPG Type – 1000 scfh @ 35 psig
- Manifold switches automatically from "in-use" to "reserve" bank.
- Changeover warning system is not included. If a changeover warning system is desired, an explosion-proof pressure switch kit must be ordered separately. See page 51.

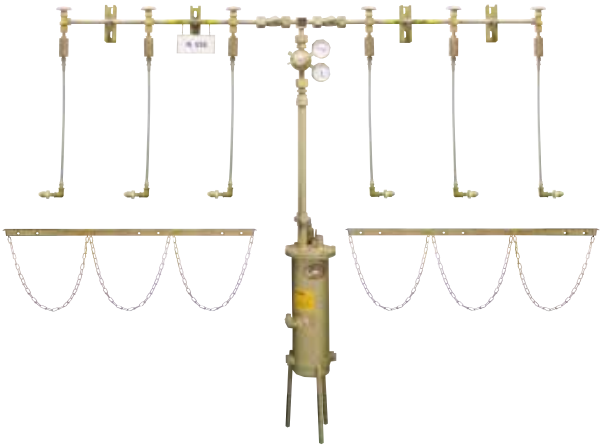
Fuel Gas – Twin Regulator, Automatic Changeover, Floor Mount, Cross Type

No. Cyl.	Part No. Acetylene*	Part No. LPG Type Gas**	Length	Approx. Shipping Wt. Lbs.
8	4-04-0126R-CGA-8	4-04-0126Y-CGA-8	8'-3"	337
12	4-04-0126R-CGA-12	4-04-0126Y-CGA-12	10'-5"	352
16	4-04-0126R-CGA-16	4-04-0126Y-CGA-16	12'-7"	367
20	4-04-0126R-CGA-20	4-04-0126Y-CGA-20	14'-9"	382

**Specify cylinder connections for acetylene (CGA 510 POL or CGA 300 Commercial)*
***Specify gas by name*



- Maximum flow rate:
  Acetylene – 1000 scfh @ 13 psig
  LPG Type – 1000 scfh @ 35 psig
- Manifold switches automatically from "in-use" to "reserve" bank.
- Changeover warning system is not included. If a changeover warning system is desired, an explosion-proof pressure switch kit must be ordered separately. See page 51.



Fuel Gas – Single Regulator, Twin Header, Wall Mount

No. Cyl.	Part No. Acetylene*	Part No. LPG Type Gas**	Length	Approx. Shipping Wt. Lbs.
4	3-04-0546R-CGA-4	3-04-0546Y-CGA-4	6'-9"	302
6	3-04-0546R-CGA-6	3-04-0546Y-CGA-6	8'-11"	317
8	3-04-0546R-CGA-8	3-04-0546Y-CGA-8	11'-1"	332
10	3-04-0546R-CGA-10	3-04-0546Y-CGA-10	13'-13"	347
12	3-04-0546R-CGA-12	3-04-0546Y-CGA-12	15'-5"	362
14	3-04-0546R-CGA-14	3-04-0546Y-CGA-14	17'-7"	377
16	3-04-0546R-CGA-16	3-04-0546Y-CGA-16	19'-9"	392
18	3-04-0546R-CGA-18	3-04-0546Y-CGA-18	21'-11"	407
20	3-04-0546R-CGA-20	3-04-0546Y-CGA-20	24'-1"	422

**Specify cylinder connections for acetylene (CGA 510 POL or CGA 300 Commercial)*
***Specify gas by name*

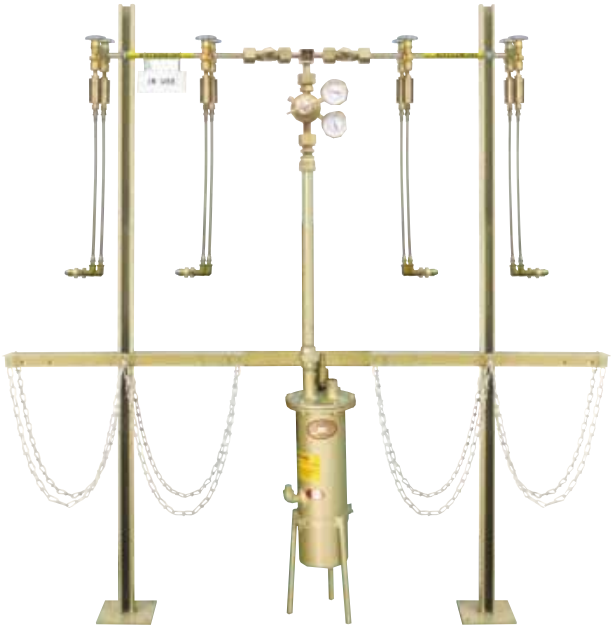
- Maximum flow rate:

  4 to 16 cylinders
  Acetylene – 300 scfh @ 13 psig
  LPG Type – 300 scfh @ 35 psig

  18 to 20 cylinders
  Acetylene – 1000 scfh @ 13 psig
  LPG Type – 1000 scfh @ 35 psig

- Manual changeover required to switch from "in-use" bank to "reserve" bank.

- Changeover warning system is not included. If a changeover warning system is desired, an explosion-proof pressure switch kit must be ordered separately. See page 51.



Fuel Gas – Single Regulator, Twin Header, Floor Mount, Cross Type

No. Cyl.	Part No. Acetylene*	Part No. LPG Type Gas**	Length	Approx. Shipping Wt. Lbs.
8	3-04-0548R-CGA-8	3-04-0548Y-CGA-8	6'-9"	302
12	3-04-0548R-CGA-12	3-04-0548Y-CGA-12	8'-11"	317
16	3-04-0548R-CGA-16	3-04-0548Y-CGA-16	11'-1"	332
20	3-04-0548R-CGA-20	3-04-0548Y-CGA-20	13'-13"	347

**Specify cylinder connections for acetylene (CGA 510 POL or CGA 300 Commercial)*
***Specify gas by name*

- Maximum flow rate:

  8 to 16 cylinders
  Acetylene – 300 scfh @ 13 psig
  LPG Type – 300 scfh @ 35 psig

  20 cylinders
  Acetylene – 1000 scfh @ 13 psig
  LPG Type – 1000 scfh @ 35 psig

- Manual changeover required to switch from "in-use" bank to "reserve" bank.

- Changeover warning system is not included. If a changeover warning system is desired, an explosion-proof pressure switch kit must be ordered separately. See page 51.

Fuel Gas – Single Regulator, Single Header, Wall Mount

No. Cyl.	Part No. Acetylene*	Part No. LPG Type Gas**	Length	Approx. Shipping Wt. Lbs.
2	3-04-0545R-CGA-2	3-04-0545Y-CGA-2	3'-8"	212
3	3-04-0545R-CGA-3	3-04-0545Y-CGA-3	4'-9"	223
4	3-04-0545R-CGA-4	3-04-0545Y-CGA-4	5'-10"	223
5	3-04-0545R-CGA-5	3-04-0545Y-CGA-5	6'-11"	243
6	3-04-0545R-CGA-6	3-04-0545Y-CGA-6	8'-0"	253
7	3-04-0545R-CGA-7	3-04-0545Y-CGA-7	9'-1"	263
8	3-04-0545R-CGA-8	3-04-0545Y-CGA-8	10'-2"	272
9	3-04-0545R-CGA-9	3-04-0545Y-CGA-9	11'-3"	280
10	3-04-0545R-CGA-10	3-04-0545Y-CGA-10	12'-4"	290

**Specify cylinder connections for acetylene (CGA 510 POL or CGA 300 Commercial)*
***Specify gas by name*

- Maximum flow rate:

  2 to 8 cylinders
  Acetylene – 300 scfh @ 13 psig
  LPG Type – 300 scfh @ 35 psig

  9 to 10 cylinders
  Acetylene – 1000 scfh @ 13 psig
  LPG Type – 1000 scfh @ 35 psig

- Temporary shutdown is required for cylinder changing.
- Changeover warning system is not included. If a changeover warning system is desired, an explosion-proof pressure switch kit must be ordered separately. See page 51.

Fuel Gas – Single Regulator, Single Header, Floor Mount, Cross Type

No. Cyl.	Part No. Acetylene*	Part No. LPG Type Gas**	Length	Approx. Shipping Wt. Lbs.
4	3-04-0547R-CGA-4	3-04-0547Y-CGA-4	3'-8"	228
6	3-04-0547R-CGA-6	3-04-0547Y-CGA-6	4'-9"	248
8	3-04-0547R-CGA-8	3-04-0547Y-CGA-8	5'-10"	264
10	3-04-0547R-CGA-10	3-04-0547Y-CGA-10	6'-11"	284

**Specify cylinder connections for acetylene (CGA 510 POL or CGA 300 Commercial)*
***Specify gas by name*

- Maximum flow rate:

  4 to 8 cylinders
  Acetylene – 300 scfh @ 13 psig
  LPG Type – 300 scfh @ 35 psig

  10 cylinders
  Acetylene – 1000 scfh @ 13 psig
  LPG Type – 1000 scfh @ 35 psig

- Temporary shutdown is required for cylinder changing.
- Changeover warning system is not included. If a changeover warning system is desired, an explosion-proof pressure switch kit must be ordered separately. See page 51.

Hydrogen, Methane Distribution Systems with Flashback Arresters

Rexarc manifold systems reduce cylinder handling costs and provide maximum safety.

Rexarc manifold systems allow better cylinder control, safety and performance in your production facility while reducing costs.

No more cylinders scattered about the workplace, thus saving time in replacing empties while reducing rental costs and record keeping.

Safety is improved with the tighter cylinder control enabled by manifold use, and production is positively impacted by eliminating frequent downtime due to cylinder change-outs.

Gas consumption is also reduced since each cylinder is uniformly emptied.

Description

Rexarc hydraulic flashback arresters are required when hydrogen, methane is used in conjunction with oxygen or compressed air.

Convoluted stainless steel cylinder pigtails are used due to the specific gravity of the gases.

Rexarc hydrogen, methane distribution systems comply to National Fire Protection Association Bulletin #51.

Selecting the correct size hydrogen, methane manifold:

1. Calculate the flow (scfh) at each use point in the piping system. Add the cubic feet per hour flow rate of each. The total will give you the volume of Hydrogen, Methane needed per hour.
2. The manifold should have enough cylinders to provide for at least one week's fuel gas requirements.

Hydrogen, Methane – Automatic Changeover, Wall Mount

No. Cyl.	Part No. Hydrogen	Part No. Methane	Length	Approx. Shipping Wt. Lbs.
2	4-04-0136FHY-2	4-04-0136FME-2	3'-3"	140
4	4-04-0136FHY-4	4-04-0136FME-4	5'-5"	150
6	4-04-0136FHY-6	4-04-0136FME-6	7'-7"	155
8	4-04-0136FHY-8	4-04-0136FME-8	9'-9"	160
10	4-04-0136FHY-10	4-04-0136FME-10	11'-11"	165
12	4-04-0136FHY-12	4-04-0136FME-12	14'-1"	170
14	4-04-0136FHY-14	4-04-0136FME-14	16'-3"	175
16	4-04-0136FHY-16	4-04-0136FME-16	18'-5"	180

- Maximum flow rate: 250 scfh @ 35 psig
- Manifold switches automatically from "in-use" to "reserve" bank.

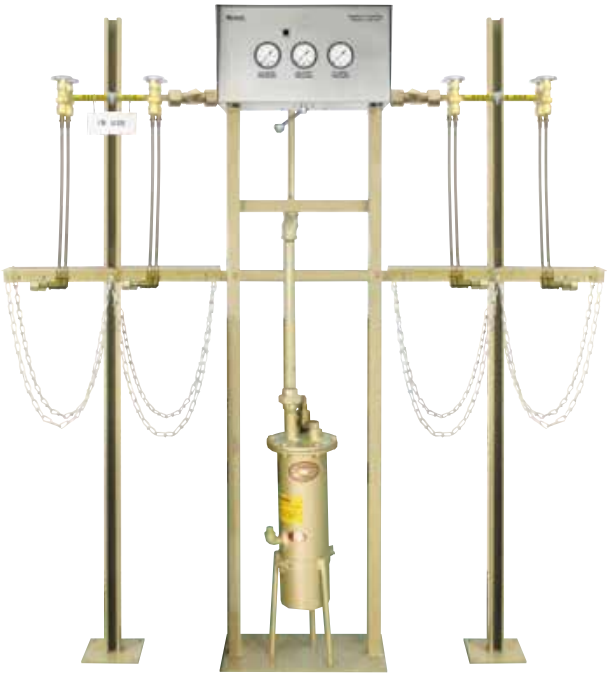
* Manifold is supplied with 24" convoluted pigtails

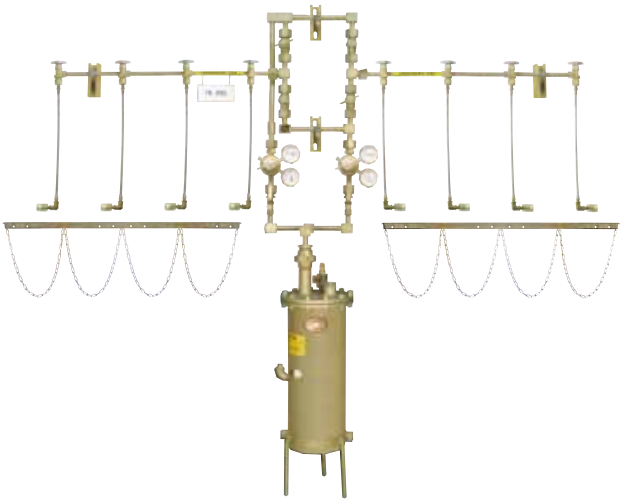
- Changeover warning system is not included. If a changeover warning system is desired, an explosion-proof pressure switch kit must be ordered separately. See page 51.

Hydrogen, Methane – Automatic Changeover, Floor Mount, Cross Type

No. Cyl.	Part No. Hydrogen	Part No. Methane	Length	Approx. Shipping Wt. Lbs.
8	4-04-0136JHY-8	4-04-0136JME-8	5'-5"	185
12	4-04-0136JHY-12	4-04-0136JME-12	7'-7"	195
16	4-04-0136JHY-16	4-04-0136JME-16	9'-9"	205

- Maximum flow rate: 250 scfh @ 35 psig
- Manifold switches automatically from "in-use" to "reserve" bank.
- Manifold is supplied with 24" convoluted pigtails
- Changeover warning system is not included. If a changeover warning system is desired, an explosion-proof pressure switch kit must be ordered separately. See page 51.

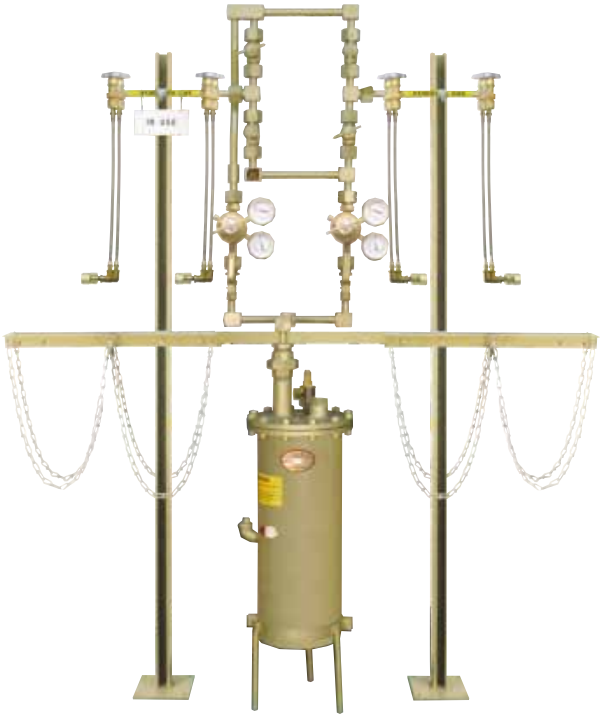




Hydrogen, Methane – Twin Regulator, Automatic Changeover, Wall Mount

No. Cyl.	Part No. Hydrogen	Part No. Methane	Length	Approx. Shipping Wt. Lbs.
4	4-04-0095HY-4	4-04-0095ME-4	5'-10"	337
6	4-04-0095HY-6	4-04-0095ME-6	7'-6"	352
8	4-04-0095HY-8	4-04-0095ME-8	9'-2"	367
10	4-04-0095HY-10	4-04-0095ME-10	10'-10"	382
12	4-04-0095HY-12	4-04-0095ME-12	12'-6"	397
14	4-04-0095HY-14	4-04-0095ME-14	14'-2"	412
16	4-04-0095HY-16	4-04-0095ME-16	15'-10"	427
18	4-04-0095HY-18	4-04-0095ME-18	17'-6"	442
20	4-04-0095HY-20	4-04-0095ME-20	19'-2"	457

- Maximum flow rate: 1000 scfh @ 35 psig
- Manifold switches automatically from "in-use" to "reserve" bank.
- Manifold is supplied with 24" convoluted pigtails
- Changeover warning system is not included. If a changeover warning system is desired, an explosion-proof pressure switch kit must be ordered separately. See page 51.



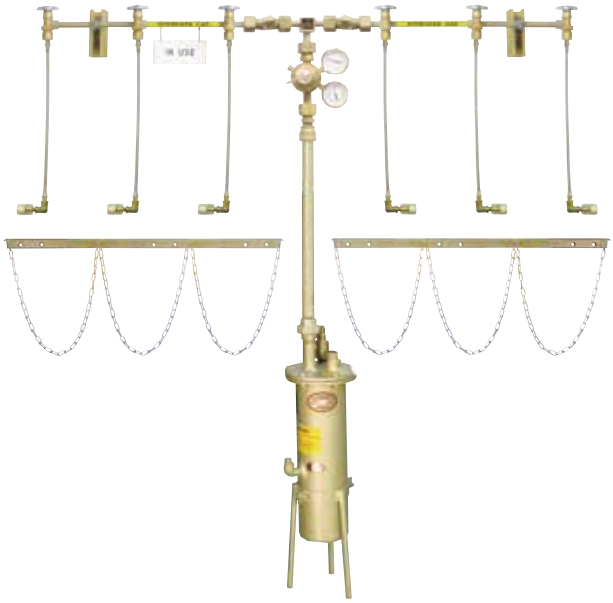
Hydrogen, Methane – Twin Regulator, Automatic Changeover, Floor Mount, Cross Type

No. Cyl.	Part No. Hydrogen	Part No. Methane	Length	Approx. Shipping Wt. Lbs.
8	4-04-0097HY-8	4-04-0097ME-8	5'-0"	377
12	4-04-0097HY-12	4-04-0097ME-12	6'-8"	407
16	4-04-0097HY-16	4-04-0097ME-16	8'-4"	437
20	4-04-0097HY-20	4-04-0097ME-20	10'-0"	467

- Maximum flow rate: 1000 scfh @ 35 psig
- Manifold switches automatically from "in-use" to "reserve" bank.
- Manifold is supplied with 24" convoluted pigtails
- Changeover warning system is not included. If a changeover warning system is desired, an explosion-proof pressure switch kit must be ordered separately. See page 51.

Hydrogen, Methane – Single Regulator, Twin Header, Wall Mount

No. Cyl.	Part No. Hydrogen	Part No. Methane	Length	Approx. Shipping Wt. Lbs.
4	3-04-0442HY-4	3-04-0442ME-4	4'-8"	302
6	3-04-0442HY-6	3-04-0442ME-6	6'-4"	317
8	3-04-0442HY-8	3-04-0442ME-8	8'-0"	332
10	3-04-0442HY-10	3-04-0442ME-10	9'-8"	347
12	3-04-0442HY-12	3-04-0442ME-12	11'-4"	362
14	3-04-0442HY-14	3-04-0442ME-14	13'-0"	377
16	3-04-0442HY-16	3-04-0442ME-16	14'-8"	392
18	3-04-0442HY-18	3-04-0442ME-18	16'-4"	407
20	3-04-0442HY-20	3-04-0442ME-20	18'-0"	422



- Maximum flow rate:

  4 to 16 cylinders – 300 scfh @ 35 psig

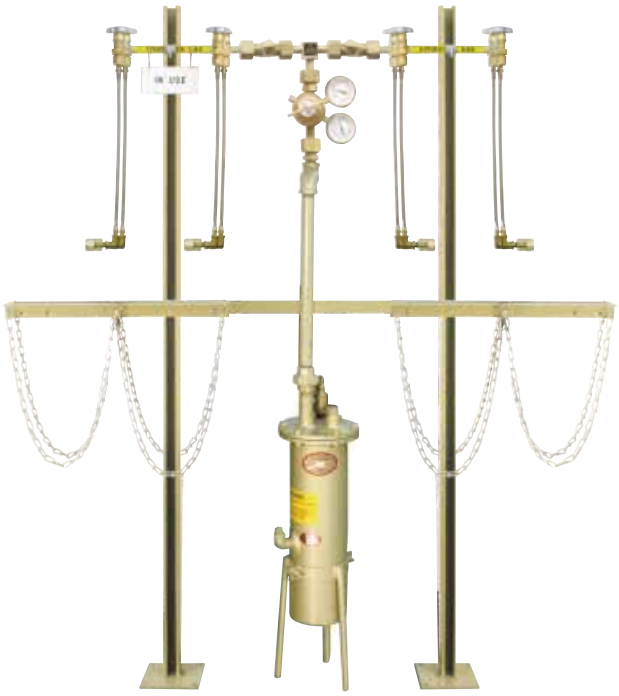
  18 to 20 cylinders – 1000 scfh @ 35 psig

- Manifold is supplied with with 24" pigtails
- Manual changeover required to switch from "in-use" bank to "reserve" bank.

* Changeover warning system is not included. If a changeover warning system is desired, an explosion-proof pressure switch kit must be ordered separately. See page 51.

Hydrogen, Methane – Single Regulator, Twin Header, Floor Mount, Cross Type

No. Cyl.	Part No. Hydrogen	Part No. Methane	Length	Approx. Shipping Wt. Lbs.
8	3-04-0455HY-8	3-04-0455ME-8	5'-0"	342
12	3-04-0455HY-12	3-04-0455ME-12	6'-8"	372
16	3-04-0455HY-16	3-04-0455ME-16	8'-4"	402
20	3-04-0455HY-20	3-04-0455ME-20	10'-0"	432



- Maximum flow rate:

  8 to 16 cylinders – 300 scfh @ 35 psig

  20 cylinders – 1000 scfh @ 35 psig

- Manual changeover required to switch from "in-use" bank to "reserve" bank.
- Manifold is supplied with 24" pigtails
- Changeover warning system is not included. If a changeover warning system is desired, an explosion-proof pressure switch kit must be ordered separately. See page 51.

Hydrogen, Methane – Single Regulator, Single Header, Wall Mount

No. Cyl.	Part No. Hydrogen	Part No. Methane	Length	Approx. Shipping Wt. Lbs.
2	3-04-0443HY-2	3-04-0443ME-2	2'-10"	212
3	3-04-0443HY-3	3-04-0443ME-3	3'-8"	223
4	3-04-0443HY-4	3-04-0443ME-4	4'-6"	233
5	3-04-0443HY-5	3-04-0443ME-5	5'-4"	243
6	3-04-0443HY-6	3-04-0443ME-6	6'-2"	253
7	3-04-0443HY-7	3-04-0443ME-7	7'-0"	263
8	3-04-0443HY-8	3-04-0443ME-8	7'-10"	272
9	3-04-0443HY-9	3-04-0443ME-9	8'-8"	280
10	3-04-0443HY-10	3-04-0443ME-10	9'-6"	290

- Maximum flow rate:

  2 to 8 cylinders – 300 scfh @ 35 psig

  9 to 10 cylinders – 1000 scfh @ 35 psig

- Temporary shutdown is required for cylinder changing.
- Manifold is supplied with 24" pigtails
- Changeover warning system is not included. If a changeover warning system is desired, an explosion-proof pressure switch kit must be ordered separately. See page 51.

Hydrogen, Methane – Single Regulator, Single Header, Floor Mount, Cross Type

No. Cyl.	Part No. Hydrogen	Part No. Methane	Length	Approx. Shipping Wt. Lbs.
4	3-04-0454HY-4	3-04-0454ME-4	3'-0"	238
6	3-04-0454HY-6	3-04-0454ME-6	3'-10"	258
8	3-04-0454HY-8	3-04-0454ME-8	4'-8"	277
10	3-04-0454HY-10	3-04-0454ME-10	5'-6"	295

- Maximum flow rate:

  4 to 8 cylinders – 300 scfh @ 35 psig

  10 cylinders – 1000 scfh @ 35 psig

- Temporary shutdown is required for cylinder changing.
- Manifold is supplied with 24" pigtails
- Changeover warning system is not included. If a changeover warning system is desired, an explosion-proof pressure switch kit must be ordered separately. See page 51.

Oxygen, Inert Gas Distribution Systems

Rexarc manifold systems reduce cylinder handling costs and provide maximum safety.

Rexarc manifold systems let you concentrate your cylinders in one location so they're not scattered throughout work areas. This reduces cylinder handling costs by giving you greater control over your gas supply.

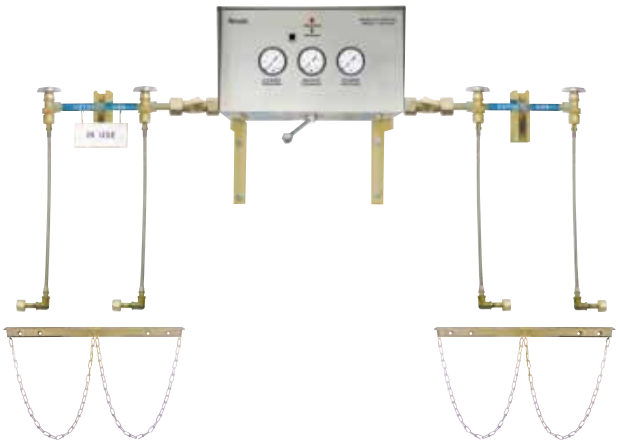
Since your cylinders are located in a central area, you always know where they are. Plant safety is improved, record keeping is kept to a minimum and labor costs are cut because only a few minutes of one person's time is necessary to service the manifold.

In addition, you increase production by eliminating interruptions at user stations to change cylinders and save gas as well, since all cylinders will be emptied uniformly.

Selecting the correct size oxygen, inert gas manifold.

1. Calculate the flow (scfh) at each use point in the piping system. Add the cubic feet per hour flow rate of each. The total will give you the volume of gas needed per hour.

2. The manifold should have enough cylinders to provide for at least one week's oxygen, inert gas requirements.

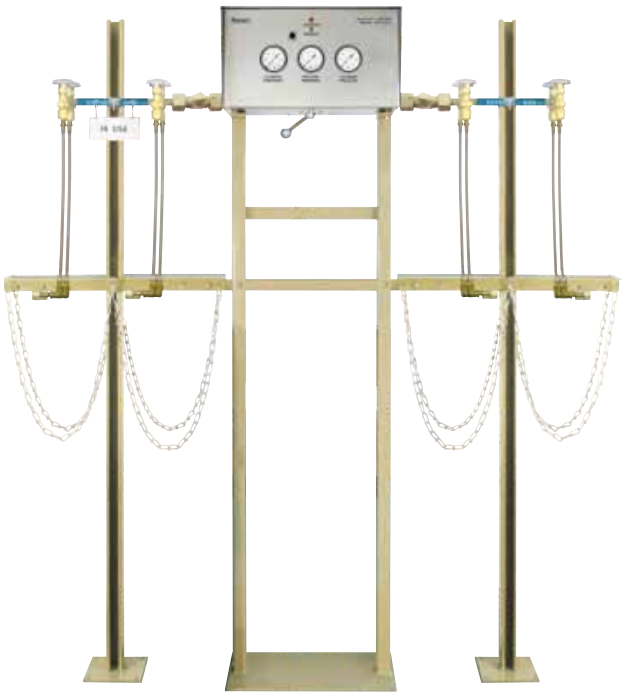


Oxygen, Inert Gas – Automatic Changeover, Wall Mount

No. Cyl.	Part No. Oxygen, Inert Gas* 110 psig Delivery Pressure	200 psig Delivery Pressure	Length	Approx. Shipping Wt. Lbs.
2	4-04-0136-2	4-04-0136HP-2	3'-3"	90
4	4-04-0136-4	4-04-0136HP-4	4'-7"	95
6	4-04-0136-6	4-04-0136HP-6	6'-3"	100
8	4-04-0136-8	4-04-0136HP-8	7'-11"	105
10	4-04-0136-10	4-04-0136HP-10	9'-7"	110
12	4-04-0136-12	4-04-0136HP-12	11'-3"	115
14	4-04-0136-14	4-04-0136HP-14	12'-11"	120
16	4-04-0136-16	4-04-0136HP-16	14'-7"	125
18	4-04-0136-18	4-04-0136HP-18	16'-3"	130
20	4-04-0136-20	4-04-0136HP-20	17'-11"	135

**Specify gas by name*

- Maximum flow rate: 550 scfh
- Manifold switches automatically from "in-use" to "reserve" bank.
- Visual changeover warning system is included
- Remote changeover warning systems can be found on page 51



Oxygen, Inert Gas – Automatic Changeover, Floor Mount, Cross Type

No. Cyl.	Gas part No. Oxygen, Inert Gas* 110 psig Delivery Pressure	200 psig Delivery Pressure	Length	Approx. Shipping Wt. Lbs.
4	4-04-0136S-4	4-04-0136SHP-4	3'-3"	120
8	4-04-0136S-8	4-04-0136SHP-8	4'-7"	130
12	4-04-0136S-12	4-04-0136SHP-12	6'-3"	140
16	4-04-0136S-16	4-04-0136SHP-16	7'-11"	150
20	4-04-0136S-20	4-04-0136SHP-20	9'-7"	160

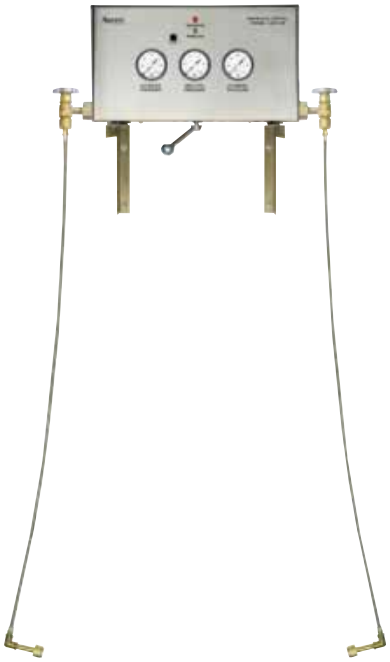
**Specify gas by name*

- Maximum flow rate: 550 scfh
- Manifold switches automatically from "in-use" to "reserve" bank.
- Visual changeover warning system is included
- Remote changeover warning systems can be found on page 51

Oxygen, Inert Gas – Automatic Changeover, Wall Mount for Manifolded Cylinder Pallets

No. Cyl.	Part No. Oxygen, Inert Gas* 110 psig Delivery Pressure	200 psig Delivery Pressure	Length	Approx. Shipping Wt. Lbs.
2	4-04-0170G-2	4-04-0170HPG-2	3'-3"	115
4	4-04-0170G-4	4-04-0170HPG-4	4'-7"	120
6	4-04-0170G-6	4-04-0170HPG-6	6'-3"	125
8	4-04-0170G-8	4-04-0170HPG-8	7'-11"	105

**Specify gas by name*



- Maximum flow rate: 550 scfh
- Manifold switches automatically from "in-use" to "reserve" bank.
- Visual changeover warning system is included
- Remote changeover warning systems can be found on page 51

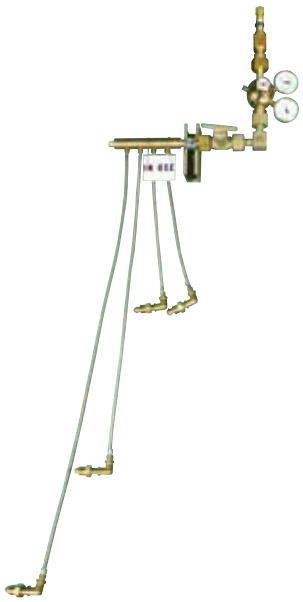
Oxygen, Inert Gas – Automatic Changeover, Floor Mount, Cross Type for Manifolded Cylinder Pallets

No. Cyl.	Part No. Oxygen, Inert Gas* 110 psig Delivery Pressure	200 psig Delivery Pressure	Length	Approx. Shipping Wt. Lbs.
2	4-04-0169SG-2	4-04-0169SHPG-2	3'-3"	120
4	4-04-0169SG-4	4-04-0169SHPG-4	4'-7"	130
6	4-04-0169SG-6	4-04-0169SHPG-6	6'-3"	140
8	4-04-0169SG-8	4-04-0169SHPG-8	7'-11"	150

**Specify gas by name*

- Maximum flow rate: 550 scfh
- Manifold switches automatically from "in-use" to "reserve" bank.
- Visual changeover warning system is included
- Remote changeover warning systems can be found on page 51

Oxygen, Insert Gas - Single Regulator, Single Header, Wall Mount Value Line



No. Cyl	Oxygen	Nitrogen	Argon	Approx.t Shipping Wt. Lbs.
4	3-04-0651G-4	3-04-0651N-4	3-04-0651A-4	25
6	3-04-0651G-6	3-04-0651N-6	3-04-0651A-6	25
8	3-04-0651G-8	3-04-0651N-8	3-04-0651A-8	25

- Maximum flow rate: 6500 scfh
- Maximum Delivery Pressure: 200 psig
- Temporary shutdown is required for cylinder changing
- Changeover warning system is not included.
  If a changeover warning system is desired a pressure switch kit must be ordered seperately. See page 51.

Oxygen, Insert Gas - Single Regulator, Twin Header, Wall Mount Value Line

No. Cyl	Oxygen	Nitrogen	Argon	Approx.t Shipping Wt. Lbs.
2	3-04-0653G-2	3-04-0653N-2	3-04-0653A-2	35
4	3-04-0653G-4	3-04-0653N-4	3-04-0653A-4	35
6	3-04-0653G-6	3-04-0653N-6	3-04-0653A-6	35
8	3-04-0653G-8	3-04-0653N-8	3-04-0653A-8	35

- Maximum flow rate: 6500 scfh
- Maximum Delivery Pressure: 200 psig
- Manual changeover requto switch from "in-use" bank to "reserve" bank.
- Changeover warning system is not included. See page 51.

Light Industrial Oxygen, Inert Gas – Wall Mount

No. Cyl.	Part No. Oxygen, Inert Gas*			Approx. Shipping Wt. Lbs.
	Oxygen	Nitrogen	Argon	
4	4-04-0166G-4	4-04-0166N-4	4-04-0166N-4	
6	4-04-0166G-6	4-04-0166N-6	4-04-0166N-6	
8	4-04-0166G-8	4-04-0166N-8	4-04-0166N-8	

*Specify gas by name

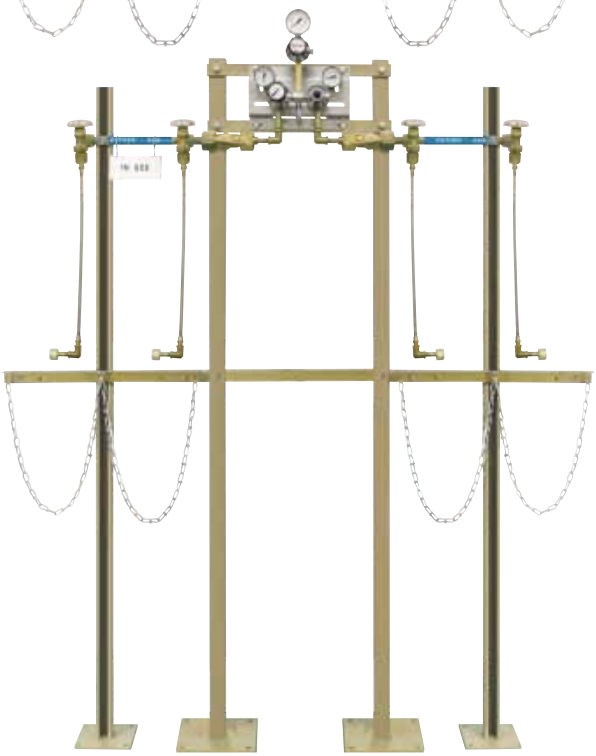
- 10 - 130 psig delivery
- Maximum flow rate: 500 scfh
- Manifold switches automatically from “in-use” to “reserve” bank.
- Changeover warning system is not included. If a changeover warning system is desired, inquire. See page 51.

Light Industrial Oxygen, Inert Gas – Floor Mount

No. Cyl.	Part No. Oxygen, Inert Gas*			Approx. Shipping Wt. Lbs.
	Oxygen	Nitrogen	Argon	
2	4-04-0165G-2	4-04-0165N-2	4-04-0165A-2	
4	4-04-0165G-4	4-04-0165N-4	4-04-0165A-4	

*Specify gas by name

- 10 - 130 psig delivery
- Maximum flow rate: 500 scfh
- Manifold switches automatically from “in-use” to “reserve” bank.
- Changeover warning system is not included. If a changeover warning system is desired, inquire. See page 51.



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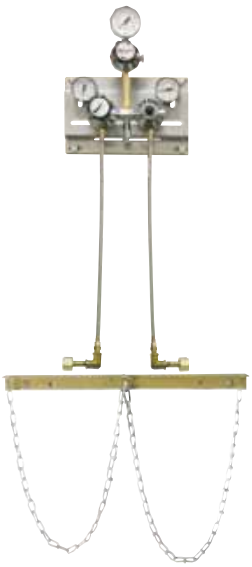
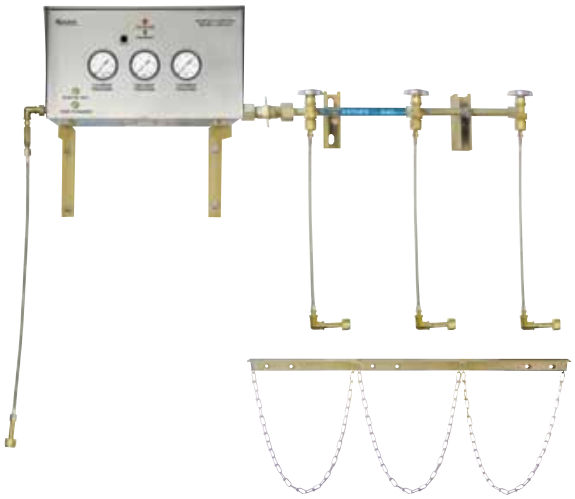
Light Industrial Two Cylinder – Wall Mount

No. Cyl.	Part No. Oxygen, Inert Gas*			Approx. Shipping Wt. Lbs.
	Oxygen	Nitrogen	Argon	
2	4-04-0166G-2	4-04-0166N-2	4-04-0166A-2	

*Specify gas by name

- 10 - 130 psig delivery
- Manifold switches automatically from “in-use” to “reserve” bank.
- Changeover warning system is not included. If a changeover warning system is desired, inquire. See page 51.





Oxygen and Inert Gas – Wall Mount Automatic Changeover, Dual Alarms Cryogenic Liquid Primary/High Pressure Reserve

110 psig

No. HP Cyl.	Part No. Oxygen	Nitrogen	Argon	Length	Approx. Shipping Wt. Lbs.
2	4-04-0151G-2	4-04-0151N-2	4-04-0151A-2	3'-0"	58
3	4-04-0151G-3	4-04-0151N-3	4-04-0151A-3	4'-5"	64
4	4-04-0151G-4	4-04-0151N-4	4-04-0151A-4	5'-4"	70
5	4-04-0151G-5	4-04-0151N-5	4-04-0151A-5	6'-3"	76
6	4-04-0151G-6	4-04-0151N-6	4-04-0151A-6	7'-1"	82

- Maximum flow rate: 500 scfh @ 100 psig delivery
- Manifold switches automatically from "in-use" to "reserve" bank.
- Visual and audible changeover warning system is activated when reserve high pressure cylinders are in use

200 psig

No. HP Cyl.	Part No. Oxygen	Nitrogen	Argon	Length	Approx. Shipping Wt. Lbs.
2	4-04-0151HPG-2	4-04-0151HPN-2	4-04-0151HPA-2	3'-0"	58
3	4-04-0151HPG-3	4-04-0151HPN-3	4-04-0151HPA-3	4'-5"	64
4	4-04-0151HPG-4	4-04-0151HPN-4	4-04-0151HPA-4	5'-4"	70
5	4-04-0151HPG-5	4-04-0151HPN-5	4-04-0151HPA-5	6'-3"	76
6	4-04-0151HPG-6	4-04-0151HPN-6	4-04-0151HPA-6	7'-1"	82

- Maximum flow rate: 500 scfh @ 100 psig delivery
- Manifold switches automatically from "in-use" to "reserve" bank.
- Visual and audible changeover warning system is activated when reserve high pressure cylinders are in use
- 350-500 psig liquid cylinder is required

Oxygen and Inert Gas – Floor Mount Automatic Changeover, Dual Alarms Cryogenic Liquid Primary/High Pressure Reserve

110 psig

No. HP Cyl.	Part No. Oxygen	Nitrogen	Argon	Length	Approx. Shipping Wt. Lbs.
4	4-04-0151SG-4	4-04-0151SN-4	4-04-0151SA-4	3'-9"	74
6	4-04-0151SG-6	4-04-0151SN-6	4-04-0151SA-6	4'-8"	80

- Maximum flow rate: 500 scfh @ 100 psig delivery
- Manifold switches automatically from "in-use" to "reserve" bank.
- Visual and audible changeover warning system is activated when reserve high pressure cylinders are in use

200 psig

No. HP Cyl.	Part No. Oxygen	Nitrogen	Argon	Length	Approx. Shipping Wt. Lbs.
4	4-04-0151SHPG-4	4-04-0151SHPN-4	4-04-0151SHPA-4	3'-9"	74
6	4-04-0151SHPG-6	4-04-0151SHPN-6	4-04-0151SHPA-6	4'-8"	80

- Maximum flow rate: 500 scfh @ 100 psig delivery
- Manifold switches automatically from "in-use" to "reserve" bank.
- Visual and audible changeover warning system is activated when reserve high pressure cylinders are in use
- 350-500 psig liquid cylinder is required

Econ-O-Flow Oxygen, Inert Gas – Cryogenic Liquid Primary & Reserve, Automatic Changeover, Wall Mount

100 psig

No. Cyl.	Part No. Oxygen	Nitrogen	Argon	Length	Approx. Shipping Wt. Lbs.
2	4-04-0147G-2	4-04-0147N-2	4-04-0147A-2	3'-3"	100
4	4-04-0147G-4	4-04-0147N-4	4-04-0147A-4	4'-7"	105
6	4-04-0147G-6	4-04-0147N-6	4-04-0147A-6	6'-3"	110

- Maximum flow rate: 500 scfh with two or more cylinders per side @ 100 psig
- Manifold switches automatically from "in-use" to "reserve" bank.
- Visual changeover warning system is included
- Cryogenic vent kits are not included, see page 77.

200 psig

No. Cyl.	Part No. Oxygen	Nitrogen	Argon	Length	Approx. Shipping Wt. Lbs.
2	4-04-0147HPG-2	4-04-0147HPN-2	4-04-0147HPA-2	3'-3"	100
4	4-04-0147HPG-4	4-04-0147HPN-4	4-04-0147HPA-4	4'-7"	105
6	4-04-0147HPG-6	4-04-0147HPN-6	4-04-0147HPA-6	6'-3"	110

- Maximum flow rate: 500 scfh with two or more cylinders per side @ 200 psig delivery
- Manifold switches automatically from "in-use" to "reserve" bank.
- Visual changeover warning system is included
- 350 psig delivery cylinder required, see page 77.

Econ-O-Flow Oxygen, Inert Gas – Cryogenic Liquid Primary & Reserve, Automatic Changeover, Floor Mount

100 psig

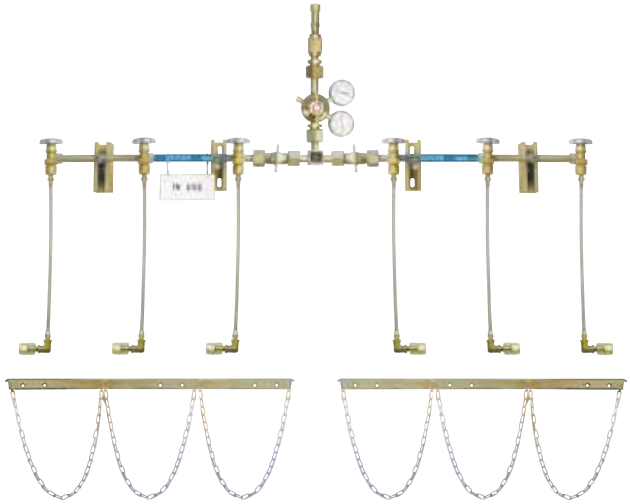
No. Cyl.	Part No. Oxygen	Nitrogen	Argon	Length	Approx. Shipping Wt. Lbs.
2	4-04-0147SG-2	4-04-0147SN-2	4-04-0147SA-2	3'-3"	135
4	4-04-0147SG-4	4-04-0147SN-4	4-04-0147SA-4	4'-7"	145
6	4-04-0147SG-6	4-04-0147SN-6	4-04-0147SA-6	6'-3"	150

- Maximum flow rate: 500 scfh with two or more cylinders per side @ 100 psig
- Visual changeover warning system is included
- Cryogenic vent kits are not included, see page 77.

200 psig

No. Cyl.	Part No. Oxygen	Nitrogen	Argon	Length	Approx. Shipping Wt. Lbs.
2	4-04-0147SHPG-2	4-04-0147SHPN-2	4-04-0147SHPA-2	3'-3"	135
4	4-04-0147SHPG-4	4-04-0147SHPN-4	4-04-0147SHPA-4	4'-7"	145
6	4-04-0147SHPG-6	4-04-0147SHPN-6	4-04-0147SHPA-6	6'-3"	150

- Maximum flow rate: 500 scfh with two or more cylinders per side @ 200 psig delivery
- Manifold switches automatically from "in-use" to "reserve" bank.
- Visual changeover warning system is included
- 350 psig delivery cylinder required
- Cryogenic vent kits are not included, see page 77.



Oxygen, Inert Gas – Single Regulator, Twin Header, Wall Mount

No. Cyl.	Part No. Oxygen	Part No. Nitrogen	Part No. Argon	Length	Approx. Shipping Wt. Lbs.
4	3-04-0414G-4	3-04-0414N-4	3-04-0414A-4	3'-4"	156
6	3-04-0414G-6	3-04-0414N-6	3-04-0414A-6	5'-0"	172
8	3-04-0414G-8	3-04-0414N-8	3-04-0414A-8	6'-10"	191
10	3-04-0414G-10	3-04-0414N-10	3-04-0414A-10	8'-4"	208
12	3-04-0414G-12	3-04-0414N-12	3-04-0414A-12	10'-0"	261
14	3-04-0414G-14	3-04-0414N-14	3-04-0414A-14	11'-8"	276
16	3-04-0414G-16	3-04-0414N-16	3-04-0414A-16	13'-4"	291
18	3-04-0414G-18	3-04-0414N-18	3-04-0414A-18	15'-0"	306
20	3-04-0414G-20	3-04-0414N-20	3-04-0414A-20	16'-8"	322

- Maximum flow rate: 6500 scfh
- Manual changeover required to switch from "in-use" bank to "reserve" bank.
- Maximum delivery pressure: 200 psig
- Changeover warning system is not included. If a changeover warning system is desired, a pressure switch kit must be ordered separately. See page 51.

Oxygen, Inert Gas – Single Regulator, Twin Header, Floor Mount, Cross Type

No. Cyl.	Part No. Oxygen	Part No. Nitrogen	Part No. Argon	Length	Approx. Shipping Wt. Lbs.
8	3-04-0431G-8	3-04-0431N-8	3-04-0431A-8	4'-10"	165
12	3-04-0431G-12	3-04-0431N-12	3-04-0431A-12	6'-6"	184
16	3-04-0431G-16	3-04-0431N-16	3-04-0431A-16	8'-2"	205
20	3-04-0431G-20	3-04-0431N-20	3-04-0431A-20	9'-10"	228

- Maximum flow rate: 6500 scfh
- Manual changeover required to switch from "in-use" bank to "reserve" bank.
- Maximum delivery pressure: 200 psig
- Changeover warning system is not included. If a changeover warning system is desired, a pressure switch kit must be ordered separately. See page 51.

Oxygen, Inert Gas – Single Regulator, Single Header, Wall Mount

No. Cyl.	Part No. Oxygen	Part No. Nitrogen	Part No. Argon	Length	Approx. Shipping Wt. Lbs.
2	3-04-0417G-2	3-04-0417N-2	3-04-0417A-2	2'-1"	88
3	3-04-0417G-3	3-04-0417N-3	3-04-0417A-3	2'-11"	98
4	3-04-0417G-4	3-04-0417N-4	3-04-0417A-4	3'-9"	107
5	3-04-0417G-5	3-04-0417N-5	3-04-0417A-5	4'-7"	119
6	3-04-0417G-6	3-04-0417N-6	3-04-0417A-6	5'-5"	150
7	3-04-0417G-7	3-04-0417N-7	3-04-0417A-7	6'-3"	150
8	3-04-0417G-8	3-04-0417N-8	3-04-0417A-8	7'-1"	169
9	3-04-0417G-9	3-04-0417N-9	3-04-0417A-9	7'-11"	178
10	3-04-0417G-10	3-04-0417N-10	3-04-0417A-10	8'-9"	187

- Maximum flow rate: 6500 scfh
- Temporary shutdown is required for cylinder changing.
- Maximum delivery pressure: 200 psig
- Changeover warning system is not included. If a changeover warning system is desired, a pressure switch kit must be ordered separately. See page 51.

Oxygen, Inert Gas – Single Regulator, Single Header, Floor Mount, Cross Type

No. Cyl.	Part No. Oxygen	Part No. Nitrogen	Part No. Argon	Length	Approx. Shipping Wt. Lbs.
4	3-04-0430G-4	3-04-0430N-4	3-04-0430A-4	2'-0"	92
6	3-04-0430G-6	3-04-0430N-6	3-04-0430A-6	2'-10"	104
8	3-04-0430G-8	3-04-0430N-8	3-04-0430A-8	3'-8"	118
10	3-04-0430G-10	3-04-0430N-10	3-04-0430A-10	4'-6"	129

- Maximum flow rate: 6500 scfh
- Temporary shutdown is required for cylinder changing.
- Maximum delivery pressure: 200 psig
- Changeover warning system is not included. If a changeover warning system is desired, a pressure switch kit must be ordered separately. See page 51.

Carbon Dioxide Distribution Systems

Rexarc manifold systems reduce cylinder handling costs and provide maximum safety.

Rexarc manifold systems let you concentrate your cylinders in one location so they're not scattered throughout work areas. This reduces cylinder handling costs by giving you greater control over your fuel gas supply.

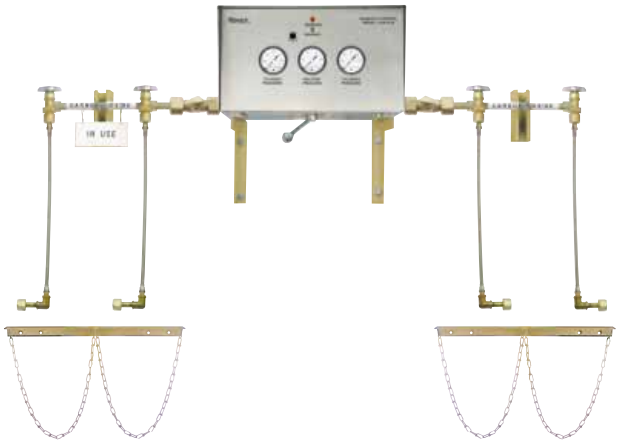
Since your cylinders are located in a central area, you always know where they are. Plant safety is improved, record keeping is kept to a minimum and labor costs are cut because only a few minutes of one person's time is necessary to service the manifold.

In addition, you increase production by eliminating interruptions at user stations to change cylinders and save gas as well, since all cylinders will be emptied uniformly.

No. of Cylinders Per Manifold	Cylinder Size in Pounds	Withdrawal Rate Pounds Per Hour	Withdrawal Rate Std. Cu. Feet Per Hour	Total Useable Cu. Ft. of Gas	Continued Usage Approx Hours
1	50	6-1/4	54	436	8
2	50	12-1/2	108	872	8
3	50	18-3/4	162	1,308	8
4	50	25	216	1,744	8
5	50	31-1/4	270	2,180	8
6	50	37-1/2	324	2,616	8
7	50	43-3/4	378	3,052	8
8	50	50	432	3,488	8
9	50	56-1/4	486	3,924	8
10	50	62-1/2	540	4,360	8
11	50	68-3/4	594	4,796	8
12	50	75	648	5,232	8
13	50	81-1/4	702	5,668	8
14	50	87-1/2	756	6,104	8
15	50	93-3/4	810	6,540	8
16	50	100	864	6,976	8
17	50	106-1/4	918	7,412	8
18	50	112-1/2	972	7,848	8
19	50	118-3/4	1,026	8,248	8
20	50	125	1,080	8,720	8

Selecting the correct carbon dioxide manifold.

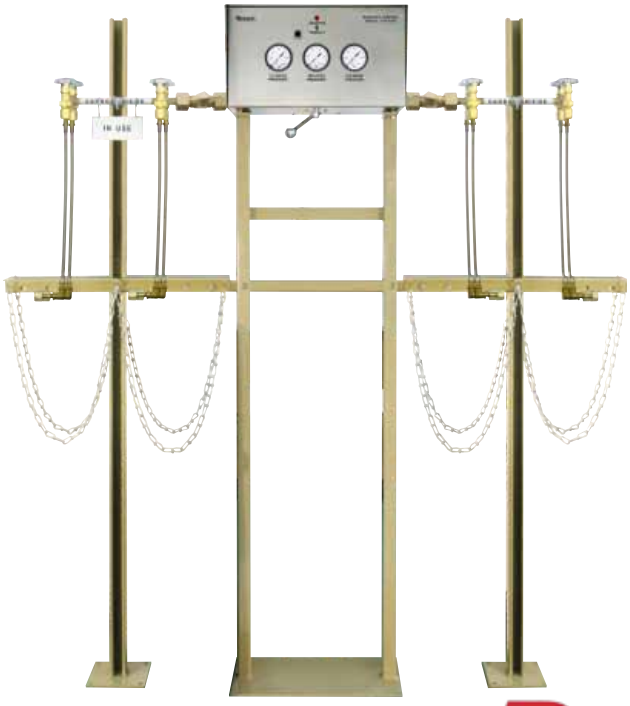
1. Calculate the flow (scfh) at each use point in the piping system. Add the cubic feet per hour flow rate of each. The total will give you the volume needed per hour.
2. The manifold should have enough cylinders to provide for at least one week's carbon dioxide gas requirements.
3. Heaters are recommended for withdraw rates above 35 scfh.



Carbon Dioxide – Automatic Changeover, Wall Mount

No. Cyl.	Part No. Carbon Dioxide Less Heater	Part No. Carbon Dioxide With Heater	Length	Approx. Shipping Wt. Lbs.
2	4-04-0136C-2	4-04-0136HC-2	3'-3"	90
4	4-04-0136C-4	4-04-0136HC-4	4'-7"	95
6	4-04-0136C-6	4-04-0136HC-6	6'-3"	100
8	4-04-0136C-8	4-04-0136HC-8	7'-11"	105
10	4-04-0136C-10	4-04-0136HC-10	9'-7"	110
12	4-04-0136C-12	4-04-0136HC-12	11'-3"	115
14	4-04-0136C-14	4-04-0136HC-14	12'-11"	120
16	4-04-0136C-16	4-04-0136HC-16	14'-7"	125
18	4-04-0136C-18	4-04-0136HC-18	16'-3"	130
20	4-04-0136C-20	4-04-0136HC-20	17'-11"	135

- Maximum flow rate: 500 scfh @ 100 psig with heater
- Manifold switches automatically from "in-use" to "reserve" bank.
- Heater recommended if flow rate exceeds 35 scfh
- Visual changeover warning system is included
- Remote changeover warning systems can be found on page 51



Carbon Dioxide – Automatic Changeover, Floor Mount, Cross Type

No. Cyl.	Part No. Carbon Dioxide Less Heater	Part No. Carbon Dioxide With Heater	Length	Approx. Shipping Wt. Lbs.
4	4-04-0136SC-4	4-04-0136SHC-4	3'-3"	120
8	4-04-0136SC-8	4-04-0136SHC-8	4'-7"	130
12	4-04-0136SC-12	4-04-0136SHC-12	6'-3"	140
16	4-04-0136SC-16	4-04-0136SHC-16	7'-11"	150
20	4-04-0136SC-20	4-04-0136SHC-20	9'-7"	160

- Maximum flow rate: 500 scfh @ 100 psig with heater
- Manifold switches automatically from "in-use" to "reserve" bank.
- Heater recommended if flow rate exceeds 35 scfh
- Visual changeover warning system is included
- Remote changeover warning systems can be found on page 51

Carbon Dioxide – Twin Regulator, Automatic Changeover, Wall Mount

No. Cyl.	Part No. Carbon Dioxide Less Heaters	Part No. Carbon Dioxide With Heaters	Length	Approx. Shipping Wt. Lbs.
4	4-04-0086C-4	4-04-0094-4	5'-1"	229
6	4-04-0086C-6	4-04-0094-6	6'-9"	249
8	4-04-0086C-8	4-04-0094-8	8'-5"	269
10	4-04-0086C-10	4-04-0094-10	10'-1"	289
12	4-04-0086C-12	4-04-0094-12	11'-9"	335
14	4-04-0086C-14	4-04-0094-14	13'-5"	350
16	4-04-0086C-16	4-04-0094-16	15'-1"	365
18	4-04-0086C-18	4-04-0094-18	16'-9"	380
20	4-04-0086C-20	4-04-0094-20	18'-5"	396

- Maximum flow rate: 500 scfh
- Manifold switches automatically from "in-use" to "reserve" bank.
- Maximum Delivery Pressure: 200 psig
- Model 4-04-0094-4 with heaters is shown at right
- Heater specs: 480 watts, 115 volts, 4.37 amps

Carbon Dioxide – Twin Regulator, Automatic Changeover, Floor Mount, Cross Type

No. Cyl.	Part No. Carbon Dioxide Less Heaters	Part No. Carbon Dioxide With Heaters	Length	Approx. Shipping Wt. Lbs.
8	4-04-0088C-8	4-04-0093-8	5'-0"	235
12	4-04-0088C-12	4-04-0093-12	6'-8"	255
16	4-04-0088C-16	4-04-0093-16	8'-4"	275
20	4-04-0088C-20	4-04-0093-20	10'-0"	295

- Maximum flow rate: 500 scfh
- Manifold switches automatically from "in-use" to "reserve" bank.
- Maximum Delivery Pressure: 200 psig
- Model -04-0093-8 with heaters is shown at right
- Heater specs: 480 watts, 115 volts, 4.37 amps

Carbon Dioxide – Single Regulator, Twin Header, Wall Mount

No. Cyl.	Part No. Carbon Dioxide Less Heater	With Heater	Length	Approx. Shipping Wt. Lbs.
4	3-04-0414C-4	3-04-0436-4	3'-11"	166
6	3-04-0414C-6	3-04-0436-6	5'-7"	182
8	3-04-0414C-8	3-04-0436-8	7'-3"	201
10	3-04-0414C-10	3-04-0436-10	8'-11"	218
12	3-04-0414C-12	3-04-0436-12	10'-7"	271
14	3-04-0414C-14	3-04-0436-14	12'-3"	286
16	3-04-0414C-16	3-04-0436-16	13'-11"	301
18	3-04-0414C-18	3-04-0436-18	15'-7"	316
20	3-04-0414C-20	3-04-0436-20	17'-13"	332

- Maximum flow rate: 500 scfh
- Manual changeover required to switch from "in-use" bank to "reserve" bank.
- Maximum Delivery Pressure: 200 psig
- Model 3-04-0436-4 with heater is shown at left
- Heater specs: 480 watts, 115 volts, 4.37 amps

Carbon Dioxide – Single Regulator, Twin Header, Floor Mount, Cross Type

No. Cyl.	Part No. Carbon Dioxide Less Heater	With Heater	Length	Approx. Shipping Wt. Lbs.
8	3-04-0431C-8	3-04-0434-8	4'-10"	175
12	3-04-0431C-12	3-04-0434-12	6'-6"	195
16	3-04-0431C-16	3-04-0434-16	8'-2"	215
20	3-04-0431C-20	3-04-0434-20	9'-10"	235

- Maximum flow rate: 500 scfh
- Manual changeover required to switch from "in-use" bank to "reserve" bank.
- Maximum Delivery Pressure: 200 psig
- Model 3-04-0434-8 with heater is shown at left
- Heater specs: 480 watts, 115 volts, 4.37 amps

Carbon Dioxide – Single Regulator, Single Header, Wall Mount

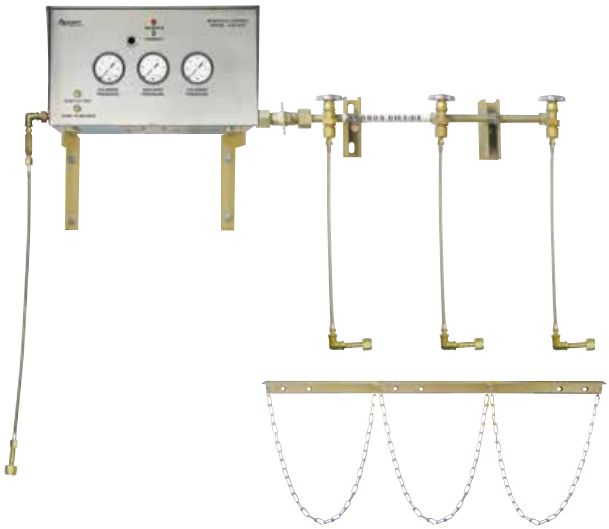
No. Cyl.	Part No. Carbon Dioxide Less Heater	Part No. Carbon Dioxide With Heater	Length	Approx. Shipping Wt. Lbs.
2	3-04-0417C-2	3-04-0435-2	2'-1"	88
3	3-04-0417C-3	3-04-0435-3	2'-11"	98
4	3-04-0417C-4	3-04-0435-4	3'-9"	107
5	3-04-0417C-5	3-04-0435-5	4'-7"	119
6	3-04-0417C-6	3-04-0435-6	5'-5"	150
7	3-04-0417C-7	3-04-0435-7	6'-3"	159
8	3-04-0417C-8	3-04-0435-8	7'-1"	169
9	3-04-0417C-9	3-04-0435-9	7'-11"	178
10	3-04-0417C-10	3-04-0435-10	8'-9"	187

- Maximum flow rate: 500 scfh
- Temporary shutdown is required for cylinder changing.
- Maximum Delivery Pressure: 200 psig
- Model 3-04-0435-4 with heater is shown at right
- Heater specs: 480 watts, 115 volts, 4.37 amps

Carbon Dioxide – Single Regulator, Single Header, Floor Mount, Cross Type

No. Cyl.	Part No. Carbon Dioxide Less Heater	Part No. Carbon Dioxide With Heater	Length	Approx. Shipping Wt. Lbs.
4	3-04-0430C-4	3-04-0433-4	2'-9"	100
6	3-04-0430C-6	3-04-0433-6	3'-7"	112
8	3-04-0430C-8	3-04-0433-8	4'-5"	126
10	3-04-0430C-10	3-04-0433-10	5'-3"	138

- Maximum flow rate: 500 scfh
- Temporary shutdown is required for cylinder changing.
- Maximum Delivery Pressure: 200 psig
- Model 3-04-0433-4 with heater is shown at right
- Heater specs: 480 watts, 115 volts, 4.37 amps



Carbon Dioxide – High Pressure Reserve, Automatic Changeover, Wall Mount

No. HP Cyl.	Part No. Carbon Dioxide	Length	Approx. Shipping Wt. Lbs.
2	4-04-0151C-2	3'-0"	58
3	4-04-0151C-3	4'-5"	64
4	4-04-0151C-4	5'-4"	70
5	4-04-0151C-5	6'-3"	76
6	4-04-0151C-6	7'-1"	82

- Maximum flow rate: 150 scfh from a liquid cylinder @ 100 psig
- Manifold switches automatically from "in-use" to "reserve" bank.
- Internal heater supplied as standard
- Visual and audible changeover warning system is activated when reserve high pressure cylinders are in use

Carbon Dioxide – High Pressure Reserve, Automatic Changeover, Floor Mount

No. HP Cyl.	Part No. Carbon Dioxide	Length	Approx. Shipping Wt. Lbs.
4	4-04-0151SC-4	3'-9"	74
6	4-04-0151SC-6	4'-8"	80

- Maximum flow rate: 150 scfh from a liquid cylinder @ 100 psig
- Manifold switches automatically from "in-use" to "reserve" bank.
- Internal heater supplied as standard
- Visual and audible changeover warning system is activated when reserve high pressure cylinders are in use

Carbon Dioxide – Low Pressure Reserve, Automatic Changeover, Wall Mount

No. Cyl.	Part No. Carbon Dioxide Less Heater	Part No. Carbon Dioxide With Heater	Length	Approx. Shipping Wt. Lbs.
2	4-04-0147C-2	4-04-0147HC-2	3'-3"	100
4	4-04-0147C-4	4-04-0147HC-4	4'-7"	105
6	4-04-0147C-6	4-04-0147HC-6	6'-3"	110

- Maximum flow rate: 150 scfh from a liquid cylinder @ 100 psig
- Manifold switches automatically from "in-use" to "reserve" bank.
- Heater recommended if flow rate exceeds 35 scfh
- Visual changeover warning system is included

Carbon Dioxide – Low Pressure Reserve, Automatic Changeover, Floor Mount

No. Cyl.	Part No. Carbon Dioxide Less Heater	Part No. Carbon Dioxide With Heater	Length	Approx. Shipping Wt. Lbs.
2	4-04-0147SC-2	4-04-0147SHC-2	3'-3"	135
4	4-04-0147SC-4	4-04-0147SHC-4	4'-7"	145
6	4-04-0147SC-6	4-04-0147SHC-6	6'-3"	150

- Maximum flow rate: 150 scfh from a liquid cylinder @ 100 psig
- Manifold switches automatically from "in-use" to "reserve" bank.
- Heater recommended if flow rate exceeds 35 scfh
- Visual changeover warning system is included

Heater for Carbon Dioxide Gas, 110 Volts

The Rexarc CO2 heater is ideal for applications where carbon dioxide is used at a rate higher than 35 standard cubic feet per hour.

The utilization of a heater allows for increased safety, better efficiency, and longer life cycles for the regulators of this cold gas. This heater is capable of flows of 500 scfh at 200 psig.

The dual coil heating system allows for twice as much heating surface to ensure gas is adequately warmed as it travels through the Rexarc CO2 heating unit. Save valuable down time and gas by reducing the risk of regulator damage with the purchase of the Rexarc CO2 Heating Unit.

Heater for Carbon Dioxide Gas, 110 Volts

Part No.	Inlet	Outlet	Approx. Shipping Wt. Lbs.
2-04-1660	1” NPSM male	1” NPSM female	12

Helium, Hydrogen, Methane Distribution Systems without Flashback Arresters

Rexarc manifold systems reduce cylinder handling costs and provide maximum safety.

Rexarc manifold systems let you concentrate your cylinders in one location so they're not scattered throughout work areas. This reduces cylinder handling costs by giving you greater control over your fuel gas supply.

Since your cylinders are located in a central area, you always know where they are. Plant safety is improved, record keeping is kept to a minimum and labor costs are cut because only a few minutes of one person's time is necessary to service the manifold.

In addition, you increase production by eliminating interruptions at user stations to change cylinders and save gas as well, since all cylinders will be emptied uniformly.

Description

Rexarc hydraulic flashback arresters are not required when hydrogen, methane is used without oxygen or compressed air.

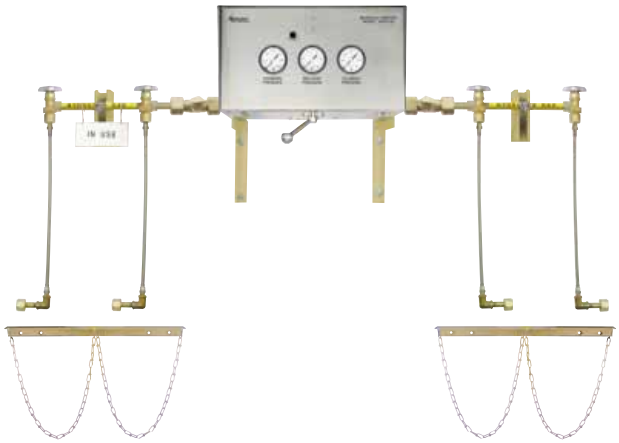
Convoluted stainless steel cylinder pigtails are used due to the specific gravity of the gases.

Rexarc helium, hydrogen, methane distribution systems comply to National Fire Protection Association Bulletin #51.

Selecting the correct size helium, hydrogen, methane manifold.

To select the proper manifold for your operation, consider these points:

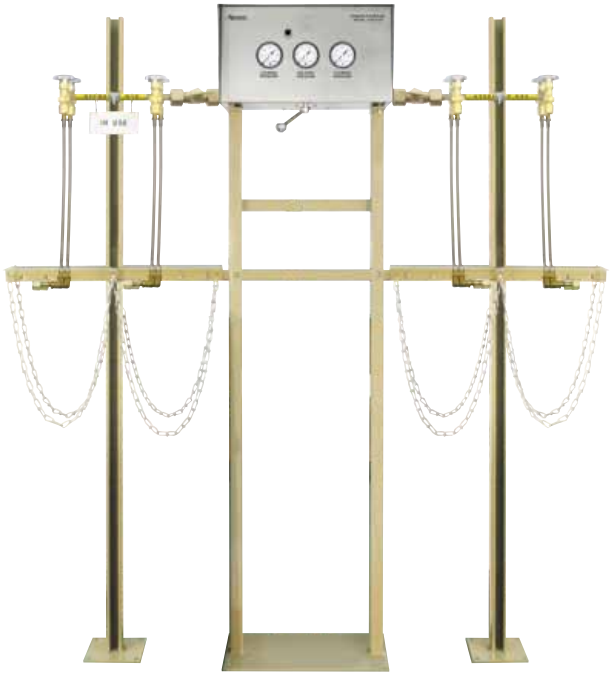
1. Calculate the flow (scfh) at each use point in the piping system. Add the cubic feet per hour flow rate of each. The total will give you the volume of helium, hydrogen, methane needed per hour.
2. The manifold should have enough cylinders to provide for at least one week's gas requirements.



Hydrogen, Methane – Automatic Changeover, Wall Mount

No. Cyl.	Part No. Hydrogen	Part No. Methane	Length	Approx. Shipping Wt. Lbs.
2	4-04-0136HY-2	4-04-0136ME-2	3'-3"	90
4	4-04-0136HY-4	4-04-0136ME-4	4'-7"	95
6	4-04-0136HY-6	4-04-0136ME-6	6'-3"	100
8	4-04-0136HY-8	4-04-0136ME-8	7'-11"	105
10	4-04-0136HY10	4-04-0136ME-10	9'-17"	110
12	4-04-0136HY-12	4-04-0136ME-12	11'-3"	115
14	4-04-0136HY-14	4-04-0136ME-14	12'-11"	120
16	4-04-0136HY-16	4-04-0136ME-16	14'-7"	125
18	4-04-0136HY-18	4-04-0136ME-18	16'-3"	130
20	4-04-0136HY-20	4-04-0136ME-20	17'-11"	135

- Maximum flow rate: 500 scfh @ 100 psig
- Manifold switches automatically from "in-use" to "reserve" bank.
- Manifold supplied with 24" convoluted pigtails
- Changeover warning system is not included. If a changeover warning system is desired, an explosion-proof pressure switch kit must be ordered separately. See page 51.



Hydrogen, Methane – Automatic Changeover, Floor Mount, Cross Type

No. Cyl.	Part No. Hydrogen	Part No. Methane	Length	Approx. Shipping Wt. Lbs.
8	4-04-0136SHY-8	4-04-0136SME-8	4'-4"	130
12	4-04-0136SHY-12	4-04-0136SME-12	6'-3"	140
16	4-04-0136SHY-16	4-04-0136SME-16	7'-11"	150
20	4-04-0136SHY-20	4-04-0136SME-20	9'-7"	160

- Maximum flow rate: 500 scfh @ 100 psig
- Manifold switches automatically from "in-use" to "reserve" bank.
- Manifold supplied with 24" convoluted pigtails
- Changeover warning system is not included. If a changeover warning system is desired, an explosion-proof pressure switch kit must be ordered separately. See page 51.

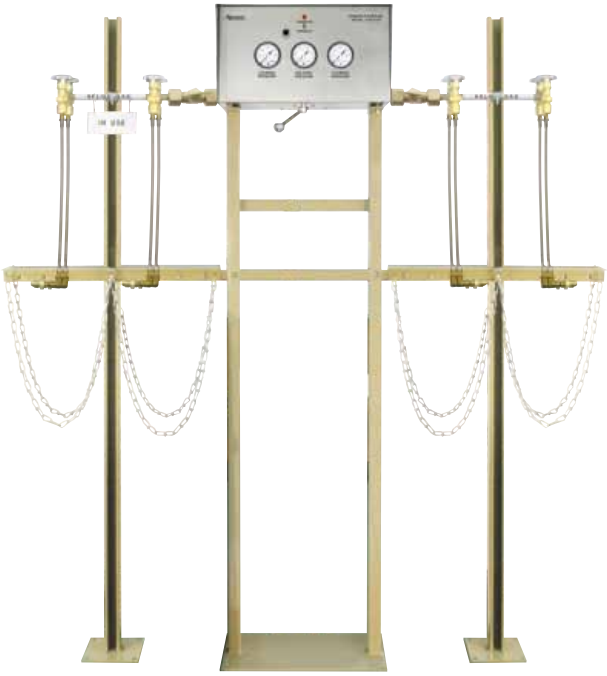
Helium – Automatic Changeover, Wall Mount

No. Cyl.	Helium Gas Part No. 100 psig Delivery Pressure	Helium Gas Part No. 200 psig Delivery Pressure	Length	Approx. Shipping Wt. Lbs.
2	4-04-0136HE-2	4-04-0136HPHE-2	3'-3"	90
4	4-04-0136HE-4	4-04-0136HPHE-4	4'-7"	95
6	4-04-0136HE-6	4-04-0136HPHE-6	6'-3"	100
8	4-04-0136HE-8	4-04-0136HPHE-8	7'-11"	105
10	4-04-0136HE-10	4-04-0136HPHE-10	9'-7"	110
12	4-04-0136HE-12	4-04-0136HPHE-12	11'-3"	115
14	4-04-0136HE-14	4-04-0136HPHE-14	12'-11"	120
16	4-04-0136HE-16	4-04-0136HPHE-16	14'-7"	125
18	4-04-0136HE-18	4-04-0136HPHE-18	16'-3"	130
20	4-04-0136HE-20	4-04-0136HPHE-20	17'-11"	135

- Maximum flow rate: 500 scfh
- Manifold switches automatically from "in-use" to "reserve" bank.
- Manifold supplied with 24" convoluted pigtails
- Visual changeover warning system is included
- Remote changeover warning systems can be found on page 51

Helium – Automatic Changeover, Floor Mount, Cross Type

No. Cyl.	Helium Gas Part No. 100 psig Delivery Pressure	Helium Gas Part No. 200 psig Delivery Pressure	Length	Approx. Shipping Wt. Lbs.
4	4-04-0136SHE-4	4-04-0136SHPHE-4	3'-3"	120
8	4-04-0136SHE-8	4-04-0136SHPHE-8	4'-7"	130
12	4-04-0136SHE-12	4-04-0136SHPHE-12	6'-3"	140
16	4-04-0136SHE-16	4-04-0136SHPHE-16	7'-11"	150
20	4-04-0136SHE-20	4-04-0136SHPHE-20	9'-7"	160



- Maximum flow rate: 500 scfh
- Manifold switches automatically from "in-use" to "reserve" bank.
- Manifold supplied with 24" convoluted pigtails
- Visual changeover warning system is included
- Remote changeover warning systems can be found on page 51

Helium, Hydrogen, Methane – Twin Regulator, Automatic Changeover, Wall Mount

No. Cyl.	Part No. Helium	Hydrogen	Methane	Length	Approx. Shipping Wt. Lbs.
4	4-04-0096HE-4	4-04-0096HY-4	4-04-0096ME-4	5’-10”	209
6	4-04-0096HE-6	4-04-0096HY-6	4-04-0096ME-6	7’-6”	225
8	4-04-0096HE-8	4-04-0096HY-8	4-04-0096ME-8	9’-2”	243
10	4-04-0096HE-10	4-04-0096HY-10	4-04-0096ME-10	10’-10”	261
12	4-04-0096HE-12	4-04-0096HY-12	4-04-0096ME-12	12’-6”	315
14	4-04-0096HE-14	4-04-0096HY-14	4-04-0096ME-14	14’-2”	330
16	4-04-0096HE-16	4-04-0096HY-16	4-04-0096ME-16	15’-10”	345
18	4-04-0096HE-18	4-04-0096HY-18	4-04-0096ME-18	17’-6”	360
20	4-04-0096HE-20	4-04-0096HY-20	4-04-0096ME-20	19’-2”	376

- Maximum flow rate: 6500 scfh
- Manifold switches automatically from “in-use” to “reserve” bank.
- Maximum delivery pressure: 200 psig
- Manifold supplied with 24” convoluted pigtails

Helium, Hydrogen, Methane – Twin Regulator, Automatic Changeover, Floor Mount, Cross Type

No. Cyl.	Part No. Helium	Hydrogen	Methane	Length	Approx. Shipping Wt. Lbs.
8	4-04-0089HE-8	4-04-0089HY-8	4-04-0089ME-8	5’-0”	215
12	4-04-0089HE-12	4-04-0089HY-12	4-04-0089ME-12	5’-8”	234
16	4-04-0089HE-16	4-04-0089HY-16	4-04-0089ME-16	8’-4”	257
20	4-04-0089HE-20	4-04-0089HY-20	4-04-0089ME-20	10’-0”	275

- Maximum flow rate: 6500 scfh
- Manifold switches automatically from “in-use” to “reserve” bank.
- Maximum delivery pressure: 200 psig
- Manifold supplied with 24” convoluted pigtails

Helium, Hydrogen, Methane – Single Regulator, Twin Header, Wall Mount

No. Cyl.	Part No. Helium	Part No. Hydrogen	Part No. Methane	Length	Approx. Shipping Wt. Lbs.
4	3-04-0444HE-4	3-04-0444HY-4	3-04-0444ME-4	4'-8"	156
6	3-04-0444HE-6	3-04-0444HY-6	3-04-0444ME-6	6'-4"	172
8	3-04-0444HE-8	3-04-0444HY-8	3-04-0444ME-8	8'-0"	191
10	3-04-0444HE-10	3-04-0444HY-10	3-04-0444ME-10	9'-8"	208
12	3-04-0444HE-12	3-04-0444HY-12	3-04-0444ME-12	11'-4"	261
14	3-04-0444HE-14	3-04-0444HY-14	3-04-0444ME-14	13'-0"	276
16	3-04-0444HE-16	3-04-0444HY-16	3-04-0444ME-16	14'-8"	291
18	3-04-0444HE-18	3-04-0444HY-18	3-04-0444ME-18	16'-4"	306
20	3-04-0444HE-20	3-04-0444HY-20	3-04-0444ME-20	18'-0"	322

- Maximum flow rate: 6500 scfh
- Manual changeover required to switch from "in-use" bank to "reserve" bank.
- Maximum delivery pressure: 200 psig
- Manifold supplied with 24" convoluted pigtails

Helium, Hydrogen, Methane – Single Regulator, Twin Header, Floor Mount, Cross Type

No. Cyl.	Part No. Helium	Part No. Hydrogen	Part No. Methane	Length	Approx. Shipping Wt. Lbs.
8	3-04-0453HE-8	3-04-0453HY-8	3-04-0453ME-8	5'-0"	165
12	3-04-0453HE-12	3-04-0453HY-12	3-04-0453ME-12	6'-8"	184
16	3-04-0453HE-16	3-04-0453HY-16	3-04-0453ME-16	8'-4"	205
20	3-04-0453HE-20	3-04-0453HY-20	3-04-0453ME-20	10'-0"	228

- Maximum flow rate: 6500 scfh
- Manual changeover required to switch from "in-use" bank to "reserve" bank.
- Maximum delivery pressure: 200 psig
- Manifold supplied with 24" convoluted pigtails

Helium, Hydrogen, Methane – Single Regulator, Single Header, Wall Mount

No. Cyl.	Part No. Helium	Part No. Hydrogen	Part No. Methane	Length	Approx. Shipping Wt. Lbs.
2	3-04-0445HE-2	3-04-0445HY-2	3-04-0445ME-2	2'-10"	90
3	3-04-0445HE-3	3-04-0445HY-3	3-04-0445ME-3	3'-8"	100
4	3-04-0445HE-4	3-04-0445HY-4	3-04-0445ME-4	4'-6"	110
5	3-04-0445HE-5	3-04-0445HY-5	3-04-0445ME-5	5'-4"	120
6	3-04-0445HE-6	3-04-0445HY-6	3-04-0445ME-6	6'-2"	150
7	3-04-0445HE-7	3-04-0445HY-7	3-04-0445ME-7	7'-0"	160
8	3-04-0445HE-8	3-04-0445HY-8	3-04-0445ME-8	7'-10"	170
9	3-04-0445HE-9	3-04-0445HY-9	3-04-0445ME-9	8'-8"	180
10	3-04-0445HE-10	3-04-0445HY-10	3-04-0445ME-10	9'-6"	190

- Maximum flow rate: 6500 scfh
- Temporary shutdown is required for cylinder changing.
- Maximum delivery pressure: 200 psig
- Manifold supplied with 24" convoluted pigtails

Helium, Hydrogen, Methane – Single Regulator, Single Header, Floor Mount, Cross Type

No. Cyl.	Part No. Helium	Part No. Hydrogen	Part No. Methane	Length	Approx. Shipping Wt. Lbs.
4	3-04-0452HE-4	3-04-0452HY-4	3-04-0452ME-4	3'-0"	92
6	3-04-0452HE-6	3-04-0452HY-6	3-04-0452ME-6	3'-10"	104
8	3-04-0452HE-8	3-04-0452HY-8	3-04-0452ME-8	4'-8"	118
10	3-04-0452HE-10	3-04-0452HY-10	3-04-0452ME-10	5'-6"	129

- Maximum flow rate: 6500 scfh
- Temporary shutdown is required for cylinder changing.
- Maximum delivery pressure: 200 psig
- Manifold supplied with 24" convoluted pigtails

Two Cylinder Discharging Manifolds

General

Rexarc two cylinder manifolds are designed for a wide variety of applications such as weld shops, restaurants and schools.

Rexarc two cylinder manifolds comply with standards recommended by the National Fire Protection Association Bulletin #51.

Two Cylinder - Twin Regulator - Wall Mount

Part No.			Approx.t Shipping Wt. Lbs.
Argon 2-04-1541A	CO_2 2-04-1541C	Argon/CO_2 2-04-1541AC	50
Compresed Air 2-04-1541CA	Industrial Air 2-04-1541IA	Oxygen 2-04-1541G	50
Nitrogen 2-04-1541N	Nitrous Oxide 2-04-1541N0		50
*MAPP 2-04-1541MA	*Methane 2-04-1541ME	*Propylene 2-04-1541PE	50
* Acetylene - CGA300 2-04-1541R-300	* Acetylene - CGA510 2-04-1541R-150		50

• Maximum Delivery pressure: 200 psig / 15 psig Acetylene

* Fuel Gas - Requires liquid flashback arrester if use with an oxidzer

Two Cylinder –
Fuel Gas, Single Regulator, Wall Mount

Part No.		Approx. Shipping Wt. Lbs.
Acetylene*	LPG Type Gas**	
2-04-1535R-CGA	2-04-1535Y-CGA	212

**Specify cylinder connections for acetylene (CGA 510 POL or CGA 300 Commercial)* ***Specify gas by name*

- Maximum flow rate Acetylene (SCFH) = cylinder capacity (Cu. Ft.) divided by 10
- Manual changeover required to switch from “in-use” bank to “reserve” bank.
- Maximum delivery pressure: 200 psig / 15 psig Acetylene
- Length 32”
- Height 5’ 4”

Two Cylinder
Oxygen - Inert, Single Regulator, Wall Mount

Part No.			Approx. Shipping Wt. Lbs.
Argon 2-04-1520A	CO_2 2-04-1520C	Argon/CO_2 2-04-1520AC	40
Compresed Air 2-04-1520CA	Industrial Air 2-04-1520IA	Compressed Air 2-04-1520CA	40
Nitrogen 2-04-1520N	Oxygen 2-04-1520G		40

- Manual changeover required to switch from “in-use” bank to “reserve” bank.
- Maximum delivery pressure: 200 psig / 15 psig Acetylene

Two Cylinder –
Helium - Fuel Gas, Single Regulator, Wall Mount

Part No.			Approx. Shipping Wt. Lbs.
Helium	Hydrogen	Methane	
2-04-1583HE	2-04-1583HY	2-04-1520 ME	40
*MAPP 2-04-1520MA	*Propylene 2-04-1520PE		40
* Acetylene - CGA300 2-04-1520R-300	* Acetylene - CGA510 2-04-1520R-150		40

- Manual changeover required to switch from “reserve” bank.
- Maximum delivery pressure: 200 psig / 15 psig Acetylene

* Fuel gases must use a flashback arrester if used with an oxidizer.

Breathing Air, Oxygen Manifolds (Cascade Type)

General

The Rexarc breathing air and oxygen manifolds are designed for trans-filling to small breathing air cylinders or breathing apparatus such as firemen's air packs.

Breathing Air, Oxygen Manifolds – 3000 psig Inlet, (Cascade Type), Wall Mount

No. Cyl.	Part No. Breathing Air	Part No. Oxygen	Length	Approx. Shipping Wt. Lbs.
2	2-04-0319-2	2-04-0319G-2	2'-2"	173
3	2-04-0319-3	2-04-0319G-3	3'-2"	177
4	2-04-0319-4	2-04-0319G-4	4'-2"	181
5	2-04-0319-5	2-04-0319G-5	5'-2"	185
6	2-04-0319-6	2-04-0319G-6	6'-2"	189
7	2-04-0319-7	2-04-0319G-7	7'-2"	193
8	2-04-0319-8	2-04-0319G-8	8'-2"	197
9	2-04-0319-9	2-04-0319G-9	9'-2"	201
10	2-04-0319-10	2-04-0319G-10	10'-2"	205

• Filling Container is included

Breathing Air, Oxygen Manifolds – 4500 psig Inlet, (Cascade Type), Wall Mount

No. Cyl.	Part No. Breathing Air	Part No. Oxygen	Length	Approx. Shipping Wt. Lbs.
2	2-04-0319HP-2	2-04-0319GHP-2	2'-2"	175
3	2-04-0319HP-3	2-04-0319GHP-3	3'-2"	179
4	2-04-0319HP-4	2-04-0319GHP-4	4'-2"	183
5	2-04-0319HP-5	2-04-0319GHP-5	5'-2"	187
6	2-04-0319HP-6	2-04-0319GHP-6	6'-2"	191
7	2-04-0319HP-7	2-04-0319GHP-7	7'-2"	195
8	2-04-0319HP-8	2-04-0319GHP-8	8'-2"	199
9	2-04-0319HP-9	2-04-0319GHP-9	9'-2"	203
10	2-04-0319HP-10	2-04-0319GHP-10	10'-2"	207

• Filling Container is included

PalletMaster 639

Palletized Cylinder Distribution System

General

One Rexarc PalletMaster does the work of two cradles, and provides an immediate return on investment. PalletMaster can be moved from pallet to pallet without tools, and is designed to reduce labor and cylinder handling costs. Use PalletMaster to connect to 4, 8, 12, or 16 cylinders. Works with oxygen, inert, and fuel gases such as acetylene.

PalletMaster 639 is fully adjustable to fit your pallets. Shown here with 12 cylinders

PalletMaster
Palletized Cylinder Distribution System

No Cyl.	Description	Part No.	Approx. Shipping Wt. Lbs.
4	PalletMaster, 4 cylinders	3-04-0639-4-CGA	51
	PalletMaster with shield, 4 cylinders	3-04-0639S-4-CGA	72
8	PalletMaster, 8 cylinders	3-04-0639-8-CGA	51
	PalletMaster with shield, 8 cylinders	3-04-0639S-8-CGA	72
12	PalletMaster, 12 cylinders	3-04-0639-12-CGA	51
	PalletMaster with shield, 12 cylinders	3-04-0639S-12-CGA	72
16	PalletMaster, 16 cylinders	3-04-0639-16-CGA	51
	PalletMaster with shield, 16 cylinders	3-04-0639S-16-CGA	72

PalletMaster 639S models include a shield to protect the manifold and cylinders.

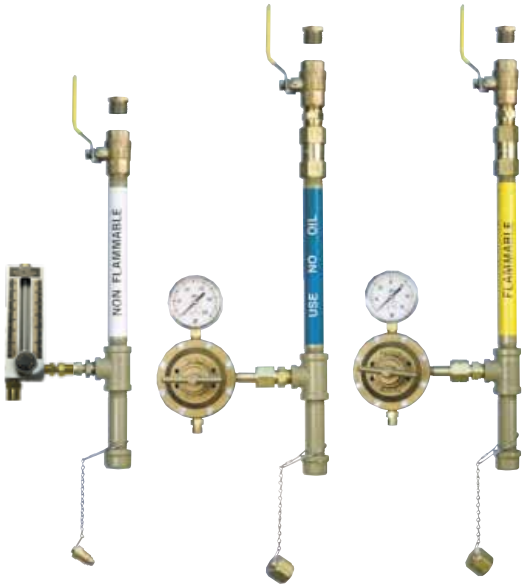
Product Questions?
Contact Us: 1-937-839-4604

Rexarc Station Outlets

Rexarc station outlets comply with National Fire Protection Association Bulletin #51, and are designed to supply efficient gas volume with minimum pressure reduction.

Each station outlet is in compliance with ANSI standard, marked with a positive identification label naming the gas being used as well as being color coded. Each outlet is a preassem-

Before installing station outlets, piping should be cleaned, dried and tested in accordance with National Fire Protection Booklet #51. Station outlets should be installed at a height and location that affords protection as well as easy operator access to the station supply valve. Apply appropriate pipe sealant on the male threads only. Test system for leaks. If leaks are found, relieve pressure, repair and retest. Purge system before use.

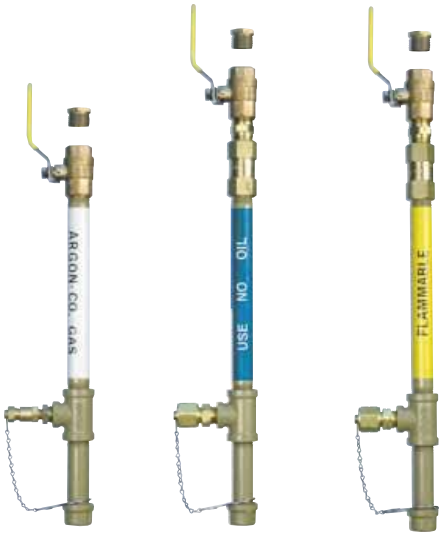


Single Station Outlets – with Regulator for Inert, Oxygen, Fuel Gas, and Flowmeter for Inert Gas

Gas	Part No.	Regulator or Flowmeter Connection	Length	Approx. Shipping Wt. Lbs.
Inert w/Flowmeter*	2-04-1604	5/8”-18RH	19”	10
Inert w/Regulator*	2-04-1600	9/16”-18RH	19”	10
Oxygen w/Regulator	2-04-1608G	9/16”-18RH	22”	12
Acetylene w/Regulator	2-04-1608R	9/16”-18LH	22”	12
LPG Type w/Regulator*	2-04-1608Y	9/16”-18LH	22”	12

**Specify gas by name*

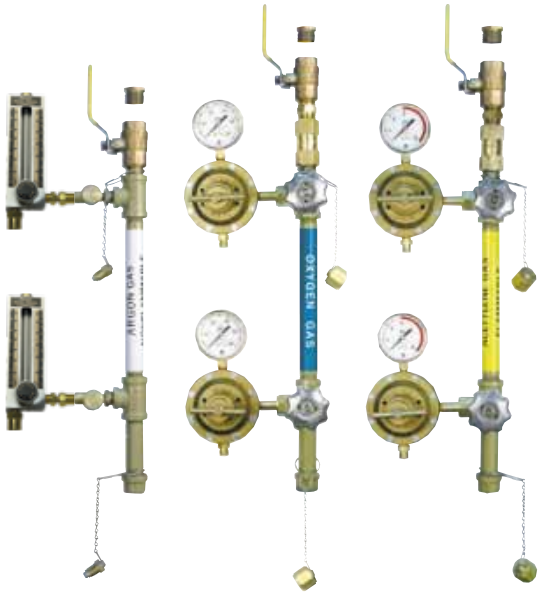
- Specify delivery pressure for all station outlets with regulator. Options are 15, 40, 80, and 150 psi.
- Fits 3/4” or 1/2” piping systems (reducing bushing supplied)
- For service requiring station regulators or flowmeters.



Single Station Outlets – with “C” Size Regulator Connection for Inert, Oxygen, and Fuel Gas, and 5/8-18RH Flowmeter Connection for Inert Gas

Gas	Part No.	Station Outlet Connection	Length	Approx. Shipping Wt. Lbs.
Inert Gas*	2-04-1626	5/8”-18RH	22”	7
Oxygen	2-04-0477G	7/8”-14RH	25”	8
Acetylene	2-04-0477R	7/8”-14LH	25”	8
LPG Type Gas*	2-04-0477Y	7/8”-14LH	25”	8

- Fits 3/4” or 1/2” piping systems (reducing bushing supplied)
- For service requiring station regulators or flowmeters
- For service up to 200 psig.

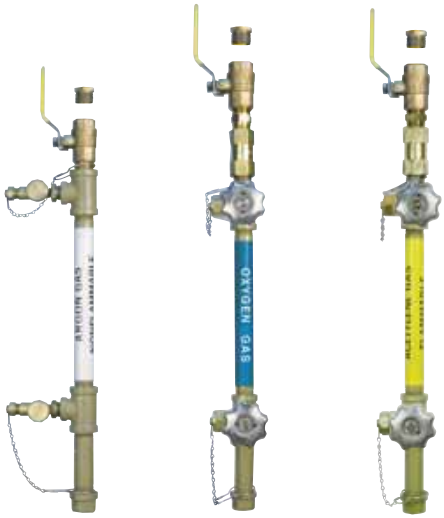


Double Station Outlets – with Regulators for Inert, Oxygen, Fuel Gas, and Flowmeters for Inert Gas

Gas	Part No.	Regulator or Flowmeter Connections	Length	Approx. Shipping Wt. Lbs.
Inert w/Flowmeters*	2-04-1605	5/8”-18RH	22”	11
Inert w/Regulators*	2-04-1601	9/16”-18RH	22”	11
Oxygen w/Regulators	2-04-1609G	9/16”-18RH	25”	15
Acetylene w/Regulators	2-04-1609R	9/16”-18LH	25”	15
LPG Type w/Regulators*	2-04-1609Y	9/16”-18LH	25”	15

**Specify gas by name*

- Specify delivery pressure for all station outlets with regulators. Options are 15, 40, 80, and 150 psi.
- Fits 3/4” or 1/2” piping systems (reducing bushing supplied)
- For service requiring station regulators or flowmeters.

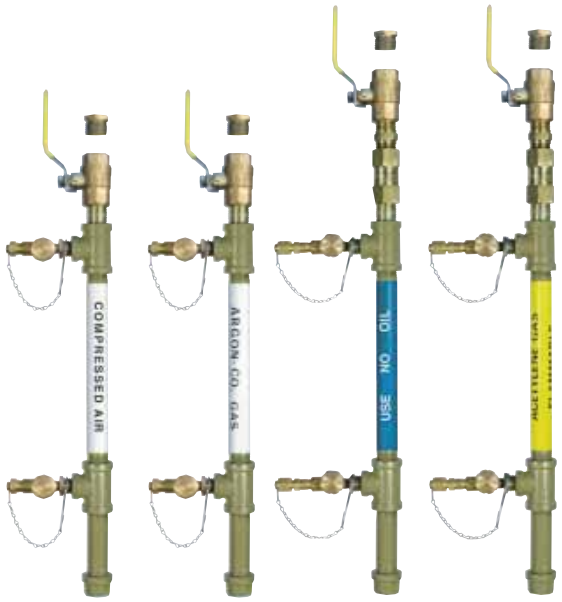


Double Station Outlets – with “C” Size Regulator Connections for Inert, Oxygen and Fuel Gas, and 5/8-18RH Flowmeter Connections for Inert Gas

Gas	Part No.	Station Outlet Connections	Length	Approx. Shipping Wt. Lbs.
Inert Gas*	2-04-0490	5/8”-18RH	22”	9
Inert Gas*	2-04-0522	7/8”-14RH (034)	22”	9
Oxygen	2-04-0522G	7/8”-14RH (024)	25”	9
Acetylene	2-04-0522R	7/8”-14LH (025)	25”	9
LPG Type Gas*	2-04-0522Y	7/8”-14LH (025)	25”	9

**Specify gas by name*

- Fits 3/4” or 1/2” piping systems (reducing bushing supplied)
- For service requiring station regulators or flowmeters.
- For service up to 200 psig.

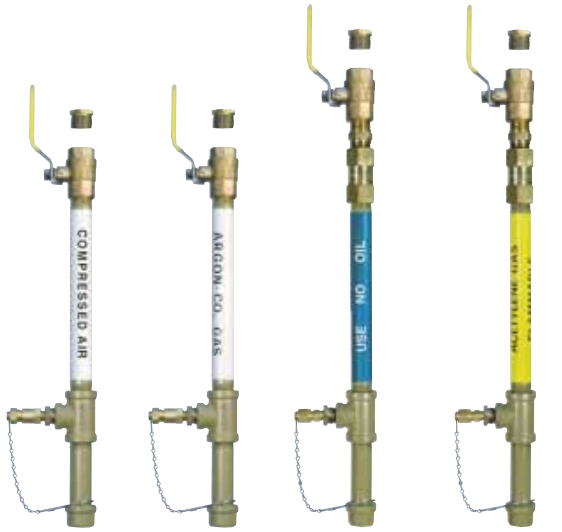


Double Station Outlets – with “B” Size Hose Connections for Air, Inert, Oxygen, Fuel Gas

Gas	Part No.	Inlet	Hose Connection	Length	Approx. Shipping Wt. Lbs.
Air	2-04-0597	3/4” NPT	5/8”-18RH	18-1/2”	4
Inert*	2-04-0490	3/4” NPT	5/8”-18RH	18-1/2”	4
Oxygen	2-04-0478G	3/4” NPT	9/16”-18RH	22”	5
Acetylene	2-04-0478R	3/4” NPT	9/16”-18LH	22”	5
LPG Type Gas*	2-04-0478Y	3/4” NPT	9/16”-18LH	22”	5

**Specify gas by name*

- Fits 3/4” or 1/2” piping systems (reducing bushing supplied)
- For service not requiring station regulators.



Single Station Outlets – with “B” Size Hose Connection for Air, Inert, Oxygen, Fuel Gas

Gas	Part No.	Inlet	Hose Connection	Length	Approx. Shipping Wt. Lbs.
Air	2-04-0588	3/4” NPT	5/8”-18LH	18-1/2”	4
Inert*	2-04-0406	3/4” NPT	5/8”-18RH	18-1/2”	4
Oxygen	2-04-0146G	3/4” NPT	9/16”-18RH	22”	5
Acetylene	2-04-0146R	3/4” NPT	9/16”-18LH	22”	5
LPG Type Gas*	2-04-0146Y	3/4” NPT	9/16”-18LH	22”	5

**Specify gas by name*

- Fits 3/4” or 1/2” piping systems (reducing bushing supplied)
- For service not requiring station regulators.

General

Rexarc portable distribution systems are intended for outdoor use.

Components and material used are approved for the gases for which they were designed.

Rexarc portable distribution systems comply with National Fire Protection Association Bulletin #51.

Portable Multi-Gas Distribution Center with Regulators for Oxygen, Fuel Gas, Flowmeters for Inert Gas, and Quick-Disconnects for Air

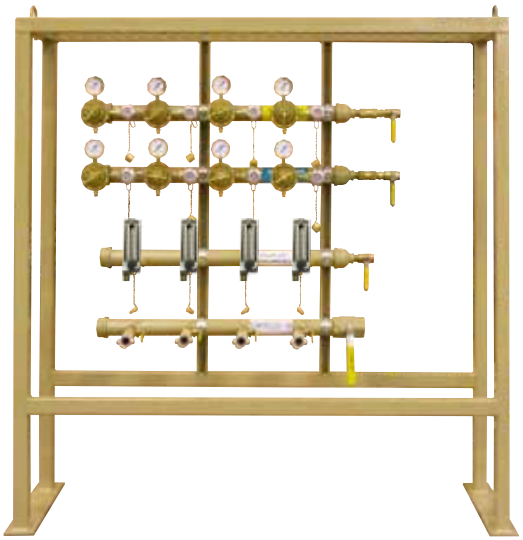
Part No.	Height	Length	Depth	Approx. Shipping Wt. Lbs.
3-04-0465	70”	55”	24”	290

Individual Station Outlets

Gas	Part No.	Inlet	Connection	Length	Approx. Shipping Wt. Lbs.
Inert*	2-04-1321	3/4” NPT	5/8”-18RH	49”	36
Oxygen	2-04-1319G	3/4” NPT	9/16”-18RH	46”	32
Acetylene	2-04-1319R	3/4” NPT	9/16”-18LH	46”	32
LPG Type Gas*	2-04-1319Y	3/4” NPT	9/16”-18LH	46”	32
Air	2-04-1320	2” NPT	3/4” NPT	43”	32

**Specify gas by name*

- Specify delivery pressure for all station outlets. Options are 15, 40, 80, and 150 psi.



Mini Distribution Center

Part No.	Gas	Height	Length	Dept
3-04-0651	Acetylene/Oxygen	24”	36”	12”
3-04-0651 HY	Hydrogen/Oxygen	**Intel**	**Manifold Length**	
3-04-0651 MA	MAPP/Oxygen	3/4” NPT	31”	
3-04-0651 ME	Methane/Oxygen	**Fuel Gas Connection**		
3-04-0651 NG	Natural Gas/Oxygen	9/16 - 18(LH) “B” Connection		
3-04-0651 PA	Propane/Oxygen	**Oxygen Connection**		
3-04-0651 PE	Propylene/Oxygen	9/16 - 18(RH) “B” Connection		

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Product Questions?
Contact Us: 1-937-839-4604

Multi-Gas Distribution Center with Regulators for Oxygen, Fuel Gas, Flowmeters for Inert Gas, and Quick-Disconnects for Air

Complete Assembly

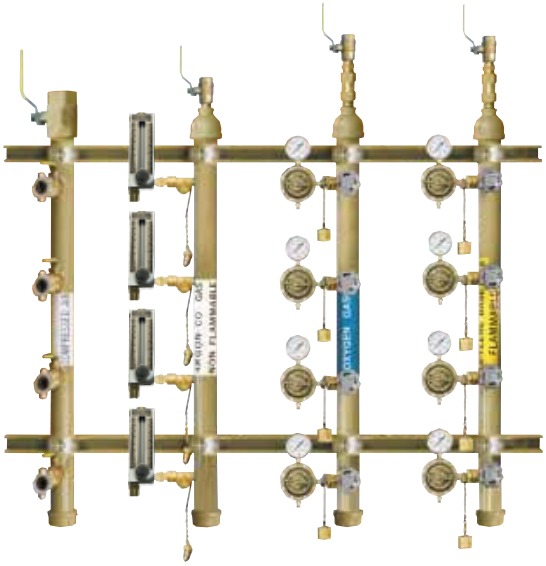
Part No.	Height	Length	Depth	Approx. Shipping Wt. Lbs.
3-04-0413	49”	40”	N/A	156

Individual Station Outlets

Gas	Part No.	Inlet	Connection	Length	Approx. Shipping Wt. Lbs.
Inert*	2-04-1321VA	3/4” NPT	5/8”-18RH	49”	36
Oxygen	2-04-1319VG-150	3/4” NPT	9/16”-18RH	46”	32
Acetylene	2-04-1319VR-15	3/4” NPT	9/16”-18LH	46”	32
LPG Type Gas*	2-04-1319VY-PSI	3/4” NPT	9/16”-18LH	46”	32
Air	2-04-1320V	2” NPT	3/4” NPT	43”	32

*Specify gas by name

- Specify delivery pressure for all station outlets. Options are 15, 40, 80, and 150 psi.



Multi-Torch Station with “B” Size Hose Connections for Air, Inert, Oxygen, Fuel Gas

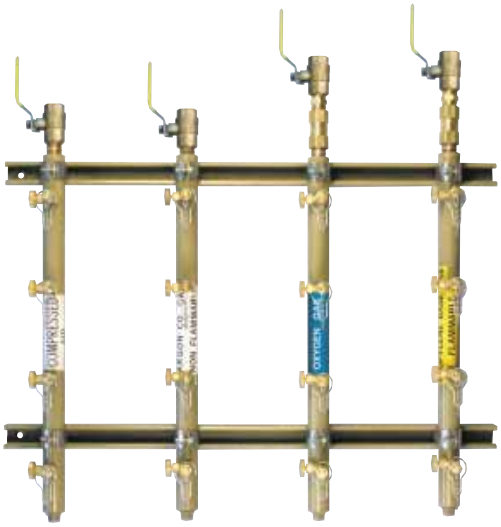
Complete Assembly

Part No.	Inlet	Length	Width	Approx. Shipping Wt. Lbs.
3-04-0200	3/4”	31”	34”	157

Individual Station Outlets

Gas	Part No.	Connection	Length	Approx. Shipping Wt. Lbs.
Air	3-04-0187	5/8”-18RH	28”	31
Inert*	3-04-0186A	5/8”-18RH	28”	31
Oxygen	3-04-0185G	9/16”-18RH	31”	30
Acetylene	3-04-0185R	9/16”-18LH	31”	30
LPG Type Gas*	3-04-0185Y	9/16”-18LH	31”	30

- Specify delivery pressure for all station outlets
- For service not requiring station regulators.
- Complies with ANSI A13.1, B32.2, B57.1, CSAB96-1965, NFPA 51 and CGA V-1.



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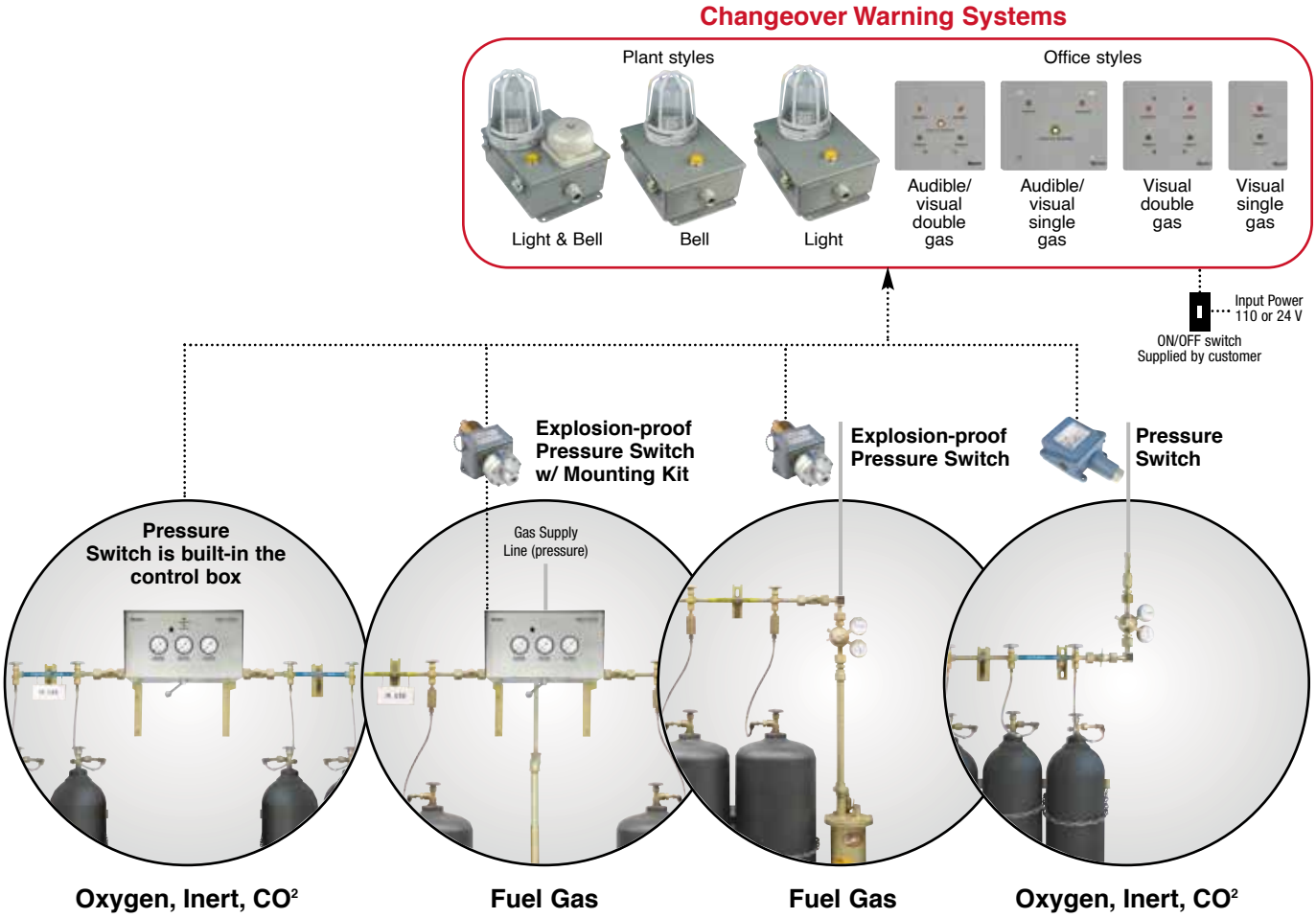
Product Questions?
Contact Us: 1-937-839-4604

Rexarc Changeover Warning Systems

General

Rexarc changeover warning systems let the operator know when the predetermined setting has been reached on gas supply.

When cylinder pressure falls below minimum pressure setting, the pressure switch activates a changeover warning system. Remote warning systems can be a warning bell, light, or both.



Audible Remote Changeover Warning Box, Double Gas

Description	Part No.	Approx. Shipping Wt. Lbs.
Audible Remote Warning, Double Gas* – 24 volts	2-04-1710-24	5
Audible Remote Warning, Double Gas* – 110 volts	2-04-1710-110	5

Audible Remote Changeover Warning Box, Single Gas

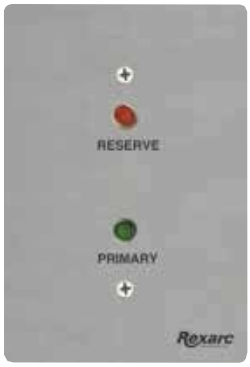
Description	Part No.	Approx. Shipping Wt. Lbs.
Audible Remote Warning, Single Gas* – 24 volts	2-04-1495-24	5
Audible Remote Warning, Single Gas* – 110 volts	2-04-1495-110	5

Specify gas by name

Remote Changeover Warning Box, Double Gas

Description	Part No.	Approx. Shipping Wt. Lbs.
Remote Warning, Double Gas* – 24 volts	2-04-1522-24	5
Remote Warning, Double Gas* – 110 volts	2-04-1522-110	5

Specify gas by name



Remote Changeover Warning Box, Single Gas

Description	Part No.	Approx. Shipping Wt. Lbs.
Remote Warning, Single Gas* – 24 volts	2-04-1521-24	3
Remote Warning, Single Gas* – 110 volts	2-04-1521-110	3

Specify gas by name

Explosion-Proof Pressure Switch for Fuel Gas

Description	Part No.	Approx. Shipping Wt. Lbs.
Explosion-proof Pressure Switch, 4-15 psig	1-04-0255	12
Explosion-proof Pressure Switch, 15-40 psig	1-04-0445	12
Explosion-proof Pressure Switch, 5-140 psig	1-04-1037	12
Explosion-proof Pressure Switch, 10-350 psig	1-06-0297	12

Explosion-Proof Pressure Switch with Mounting Kit – for Fuel Gas Manifolds with Control Boxes

Description	Part No.	Approx. Shipping Wt. Lbs.
Explosion-proof Kit, 4-15 psig	2-04-1593-17	12
Explosion-proof Kit, 15-40 psig	2-04-1593-55	12
Explosion-proof Kit, 5-140 psig	2-04-1593-130	12

Pressure Switch for Oxygen and Inert Gas

Description	Part No.	Approx. Shipping Wt. Lbs.
Pressure Switch, 30-100 psig	1-04-1814-100	12
Pressure Switch, 30-300 psig	1-04-1814-300	12

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Product Questions?
Contact Us: 1-937-839-4604

Changeover Warning Systems – Light & Bell for Fuel Gas

Description	Part No.	Approx. Shipping Wt. Lbs.
Warning System w/Light & Bell, 4-15 psig	2-04-0567	32
Warning System w/Light & Bell, 15-40 psig	2-04-0599	32
Warning System w/Light & Bell, 5-140 psig	2-04-1059	32
Warning System w/Light & Bell, 10-350 psig	2-04-0879	32

Changeover Warning Systems – Light for Fuel Gas

Description	Part No.	Approx. Shipping Wt. Lbs.
Warning System w/Light, 4-15 psig	2-04-0371	28
Warning System w/Light, 15-40 psig	2-04-0495	28
Warning System w/Light, 5-140 psig	2-04-1058	28
Warning System w/Light, 10-350 psig	2-04-1292	28

Changeover Warning Systems – Bell for Fuel Gas

Description	Part No.	Approx. Shipping Wt. Lbs.
Warning System w/Bell, 4-15 psig	2-04-0370	28
Warning System w/Bell, 15-40 psig	2-04-0494	28
Warning System w/Bell, 5-140 psig	2-04-1057	28
Warning System w/Bell, 10-350 psig	2-04-1291	28

Changeover Warning Systems – Light & Bell for Oxygen and Inert Gas

Description	Part No.	Approx. Shipping Wt. Lbs.
Warning System w/Light & Bell, 30-300 psig	2-04-0561	32
Warning Box w/Light & Bell	2-04-0780	17

Changeover Warning Systems – Light for Oxygen and Inert Gas

Description	Part No.	Approx. Shipping Wt. Lbs.
Warning System w/Light, 30-300 psig	2-04-0374	28
Warning Box w/Light	2-04-0883	17

Changeover Warning Systems – Bell for Oxygen and Inert Gas

Description	Part No.	Approx. Shipping Wt. Lbs.
Warning System w/Bell, 30-300 psig	2-04-0373	28
Warning Box w/Bell	2-04-0882	17

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Product Questions?
Contact Us: 1-937-839-4604

Liquid Flashback Arresters and Relief Valves

Liquid Flashback Arresters

Rexarc liquid flashback arresters are designed to operate in medium pressure fuel gas piping systems. Arresters protect the main gas supply from dangers of reverse flow and flashbacks.

Maintenance

To service your Rexarc liquid flashback arrester, or to check it's liquid level, close the shut-off valves on both the inlet and outlet. Relieve pressure by operating the pressure relief valve.

Installation should comply with National Fire Protection Association Booklet #51 and local codes.

Relief Valves

Pressure relief valves are required in fuel gas systems to prevent excessive pressure build-up within the system. Rexarc fuel gas relief valves will vent automatically at preset pressures or may be manually operated to relieve pressure within the system.

Pressure relief valves are required in oxygen, inert gas systems to prevent excessive build-up within the system. The Rexarc oxygen, inert gas relief valve will vent automatically at preset pressure.

Liquid Flashback Arresters – 100 scfh "#100"

Gas	Part No.	Inlet and Outlet	Vent Pressure psig	Approx. Shipping Wt. Lbs.
Acetylene	3-01-0118	3/4" NPT	15	39
LPG Type Gas	3-01-0118S	3/4" NPT	40	39
Hydrogen	3-01-0118S	3/4" NPT	40	39
Natural Gas	3-01-0118SF	3/4" NPT	10	39
Natural Gas	3-01-0118SL	3/4" NPT	2	39

- Flashback fluid is included
- 0.37 GAL. FBA LIQUID CAPACITY (1-01-0408)
- MANUAL: 1-39-0142

Liquid Flashback Arresters – 300 scfh "#3"

Gas	Part No.	Inlet and Outlet	Vent Pressure psig	Approx. Shipping Wt. Lbs.
Acetylene	3-01-0109	1" NPT	15	55
LPG Type Gas	3-01-0109S	1" NPT	40	55
Hydrogen	3-01-0109S	1" NPT	40	55
Natural Gas	3-01-0071SF	1" NPT	10	55
Natural Gas	3-01-0071SL	1" NPT	2	55

- Floor stand and flashback fluid are included
- 0.73 GAL. FBA LIQUID CAPACITY (1-01-0408)
- MANUAL: 1-39-0143

Liquid Flashback Arresters – 1000 scfh "#10"

Gas	Part No.	Inlet and Outlet	Vent Pressure psig	Approx. Shipping Wt. Lbs.
Acetylene	3-01-0110	1-1/2" NPT	15	123
LPG Type Gas	3-01-0110S	1-1/2" NPT	40	123
Hydrogen	3-01-0110S	1-1/2" NPT	40	123
Natural Gas	3-01-0070SF	1-1/2" NPT	10	123
Natural Gas	3-01-0070SL	1-1/2" NPT	2	123

- Floor stand and flashback fluid are included
- 2.3 GAL. FBA LIQUID CAPACITY (1-01-0408)
- MANUAL: 1-39-0144

Liquid Flashback Arrester – 200 psig/1000 scfh

Gas	Part No.	Inlet and Outlet	Vent Pressure psig	Approx. Shipping Wt. Lbs.
All Except Acetylene	3-01-0110-1	1-1/2" NPT	200	145

- Floor stand and flashback fluid are included
- 2.3 GAL. FBA LIQUID CAPACITY (1-01-0408)
- MANUAL: 1-39-0144-1

Liquid Flashback Arresters – 2500 scfh

Gas	Part No.	Inlet and Outlet	Vent Pressure psig	Approx. Shipping Wt. Lbs.
Acetylene	3-01-0111	2" NPT	15	463
LPG Type Gas	3-01-0111S	2" NPT	40	463
Hydrogen	3-01-0111S	2" NPT	40	463
Natural Gas	3-01-0069SF	2" NPT	10	463
Natural Gas	3-01-0069SL	2" NPT	2	463

- Floor stand and flashback fluid are included
- 7.2 GAL. FBA LIQUID CAPACITY (1-01-0408)
- MANUAL: 1-39-0144-1

Liquid Flashback Arresters – 5000 scfh

Gas	Part No.	Inlet and Outlet	Vent Pressure psig	Approx. Shipping Wt. Lbs.
Acetylene	3-01-0081	4” NPT	15	563
LPG Type Gas	3-01-0081S	4” NPT	40	563
Hydrogen	3-01-0081S	4” NPT	40	563
Natural Gas	3-01-0081SF	4” NPT	10	563
Natural Gas	3-01-0081SL	4” NPT	2	563

- Floor stand and flashback fluid are included
- 6 GAL. FBA LIQUID CAPACITY (1-01-0408)
- MANUAL: 1-39-0173

Liquid Flashback Arresters – 15000 scfh

Gas	Part No.	Inlet and Outlet	Vent Pressure psig	Approx. Shipping Wt. Lbs.
Acetylene	3-01-0089SC-15	4” Flange	15	1700
LPG Type Gas	3-01-0089S-40	4” Flange	40	1700
Natural Gas	3-01-0089SF-10	4” Flange	10	1700
Natural Gas	3-01-0089SL	4” Flange	2	1700

- Floor stand and flashback fluid are included
- 6 GAL. FBA LIQUID CAPACITY (1-01-0408)
- MANUAL: 1-39-0174

Rexarc
Product Questions?
Contact Us: 1-937-839-4604

Fuel Gas Relief Valve — Not Field Repairable

Gas	Part No.	Vent Pressure psig	Inlet	Outlet	Approx. Shipping Wt. Lbs.
Acetylene	1-05-0160P	15	3/4”	3/4”	2-1/2
LPG Type Gas	1-05-0160P	15	3/4”	3/4”	2-1/2
LPG Type Gas	1-05-0161P	40	3/4”	3/4”	2-1/2
Hydrogen	1-05-0161P	40	3/4”	3/4”	2-1/2

Relief Valve for all Fuel Gases except Acetylene — Not Field Repairable

Part No.	Vent Pressure psig	Inlet	Outlet	Approx. Shipping Wt. Lbs.
1-25-0813-2	200	1/2”	3/4”	2-1/2

Fuel Gas Relief Valve — Not Field Repairable

Gas	Part No.	Vent Pressure psig	Inlet	Outlet	Approx. Shipping Wt. Lbs.
Natural Gas	3-05-0025SF	10	3/4”	1”	10-1/2
Natural Gas	3-05-0025SL	2	3/4”	1”	10-1/2

Oxygen, Inert Gas Relief Valve — Not Field Repairable

Part No.	Operating Pressure psig	Inlet	Outlet	Approx. Shipping Wt. Lbs.
1-04-1915	0-600	1/2”	1/2”	1

• Specify gas by name and operating pressure

Flashback Arrester Fluid -1 gallon

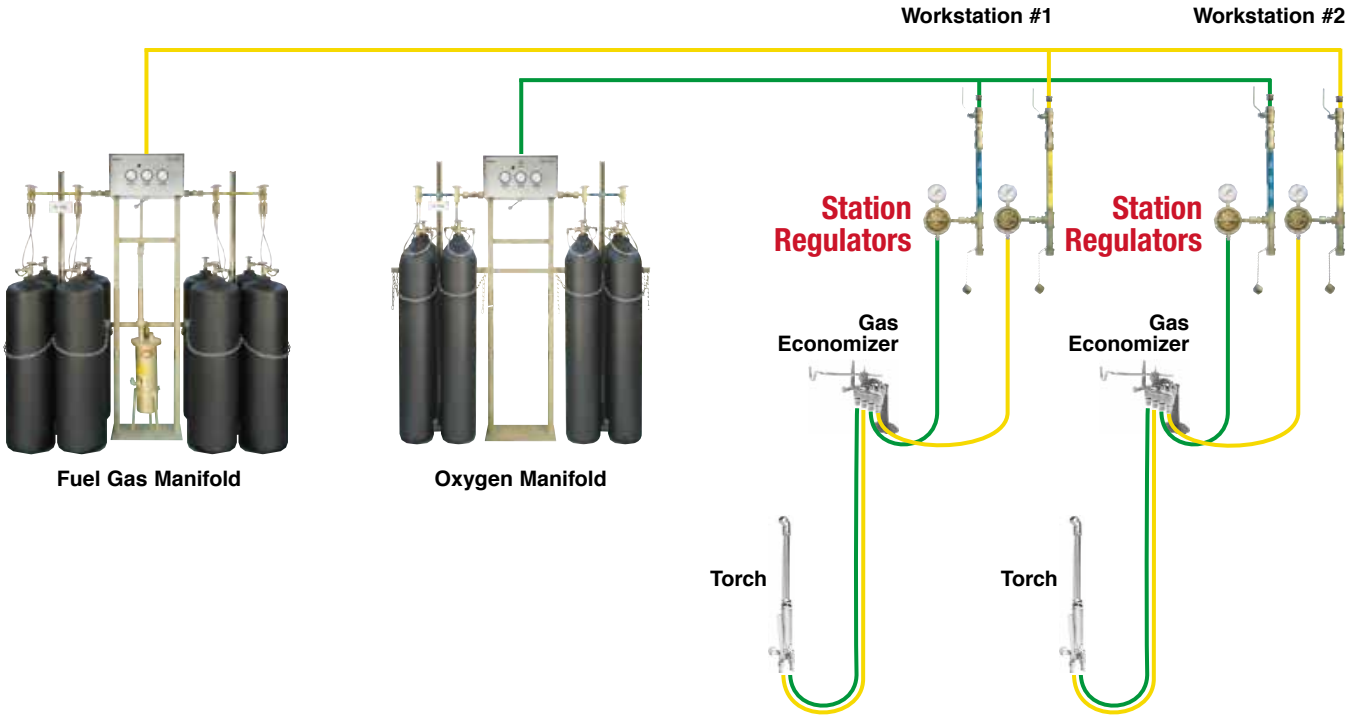
Part No.	Dimensions	Approx. Shipping Wt. Lbs.
1-01-0408	7.25” x 3” x 12”	9.2

Station Regulators, Single Stage

General

A station regulator is used in a gas manifold delivery system to reduce pipe line pressure to that which is required by an individual operator at a workstation.

Station regulators are listed by the maximum capacity recommended for applications.



Flow tests are conducted with Air at 70º F. To determine the flow rate for a specific gas, multiply test results by the correction factor in the table below.

Acetylene	1.05
Mapp Gas	.82
Natural Gas	1.28
Oxygen	.95
Propane	.80

Single Stage Station Regulators –
6200 Series

Acetylene 0-15 psig
LPG, Hydrogen 0-40 psig
Oxygen, Argon, Carbon Dioxide, Helium, Nitrogen up to 150 psig

The 6200 Series is used in a gas manifold delivery system to reduce pipe line pressure to that which is required by an individual operator at a workstation.

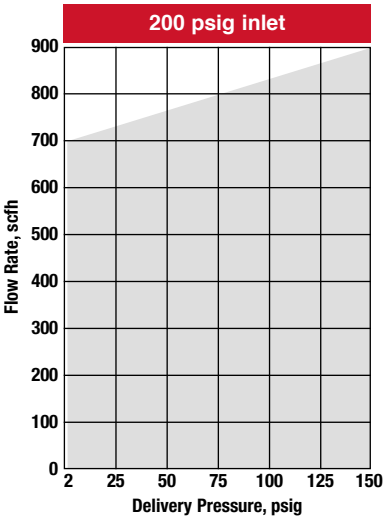
Body: Solid forged brass, machined

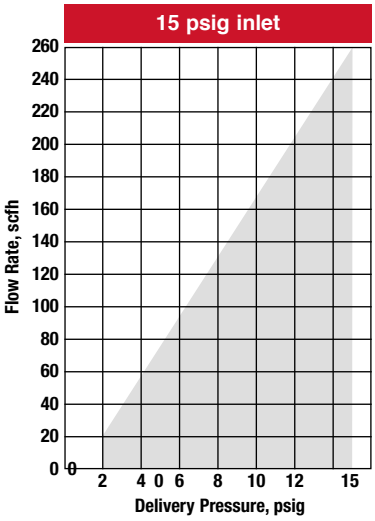
Diaphragm: Neoprene

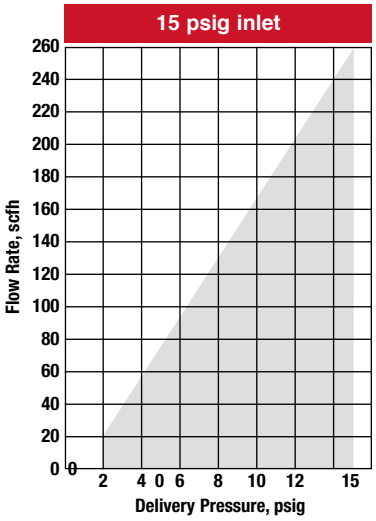
Seat: Neoprene

Inlet filter: Screen

Max. inlet pressure: 200 psig







Ordering Information

Tested with air at 70° Fahrenheit.

Gas	Part No.	Operating Range psig	Connections Inlet	Connections Outlet	Approx. Shipping Wt. Lbs.
Acetylene	000006203	0-15	7/8”-14LH Int.	9/16”-18LH Ext.	6
LPG Type Fuel Gases	000006208	0-15			
	000006207	0-40			
Oxygen	000006211	0-15	7/8”-14RH Int.	9/16”-18RH Ext.	
	000006204	0-40			
	000006210	0-80			
	000006200	0-150			
Hydrogen	000006208	15	7/8”-14LH Int.	9/16”-18LH Ext.	
	000006207	40			
Argon, Carbon Dioxide Helium or Nitrogen	000006212	15	7/8”-14RH Ext.	5/8”-18RH Ext	
	000006205	40			
	000006209	80			
	000006201	150			

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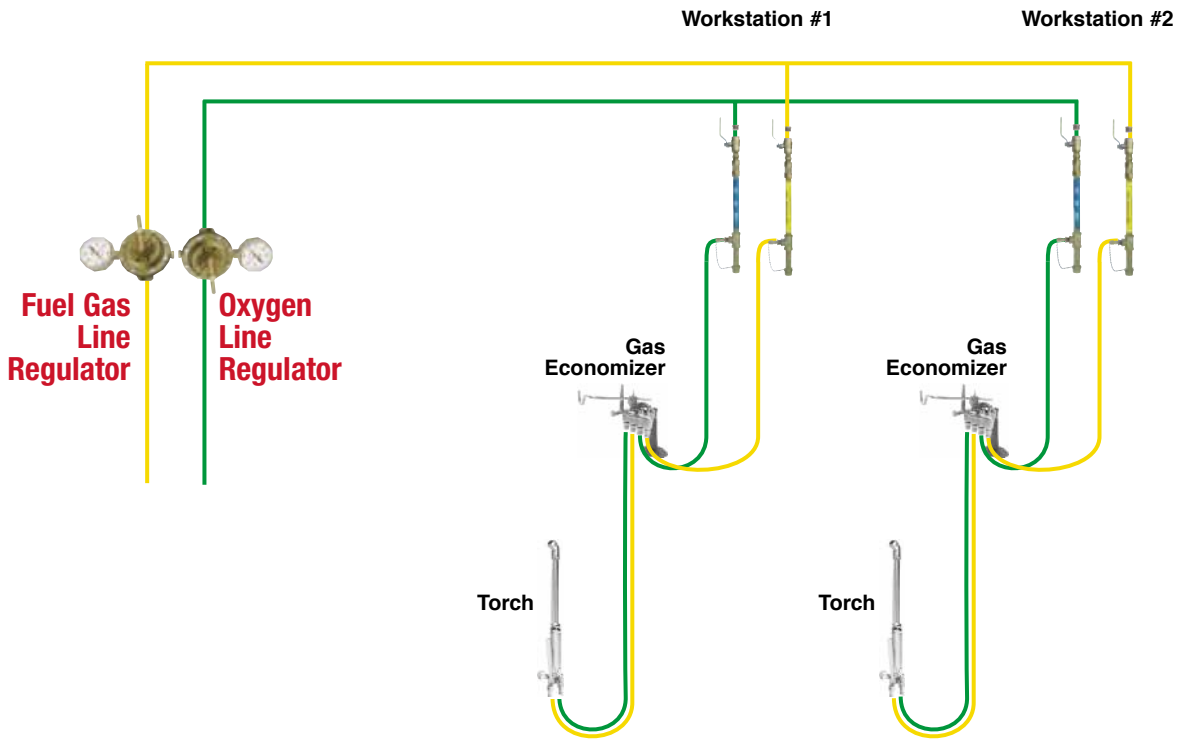
Product Questions?
Contact Us: 1-937-839-4604

Line Regulators, Single Stage

General

A line regulator is used in a gas delivery system to reduce the pipe line pressure to the same for all workstations.

Line regulators are listed by the maximum capacity recommended for applications.



Flow tests are conducted with Air at 70º F. To determine the flow rate for a specific gas, multiply test results by the correction factor in the table below.

Acetylene	1.05
Mapp Gas	.82
Natural Gas	1.28
Oxygen	.95
Propane	.80

Single Stage Line Regulators –
RXA7200 Series

Acetylene 0-15 psig
LPG type gas 0-40 psig
Oxygen 0-150 psig

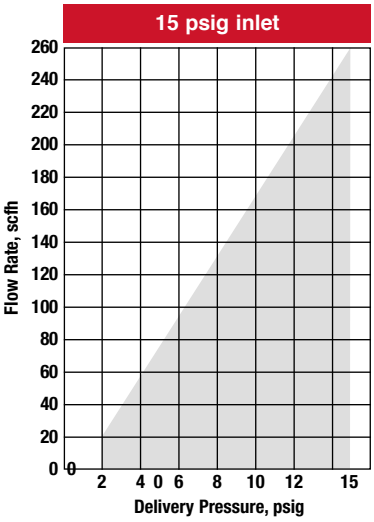
The RXA7200 Series is used in a gas delivery system to reduce pipe line pressure to the same for all workstations.

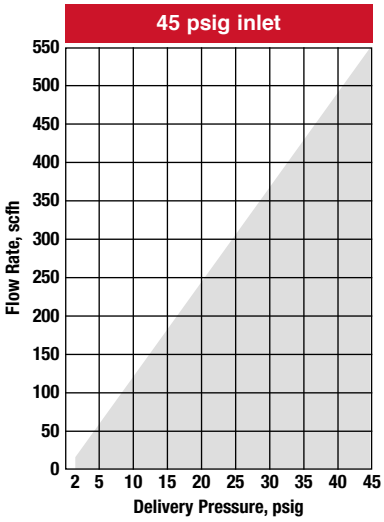
Body: Solid forged brass, machined

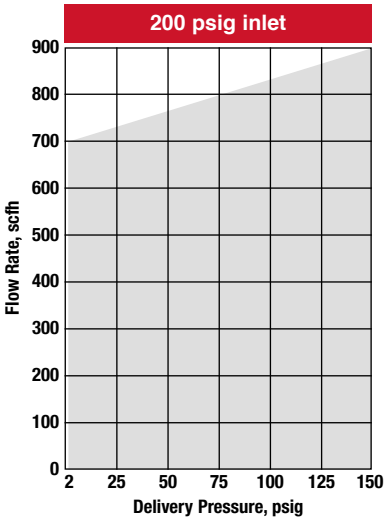
Diaphragm: Neoprene

Seat: Neoprene

Max. inlet pressure: 350 psig







Tested with air at 70° Fahrenheit.

Ordering Information

Gas	Part No.	Operating Range psig	Connections Inlet	Connections Outlet	Approx. Shipping Wt. Lbs.
Acetylene	RXA007203	0-15	1/2" NPT Int.	1/2" NPT Int.	5-1/2
LPG Type Fuel Gases	RXA007204	0-40			
Oxygen	RXA007201	0-80			
	RXA007200	0-150			

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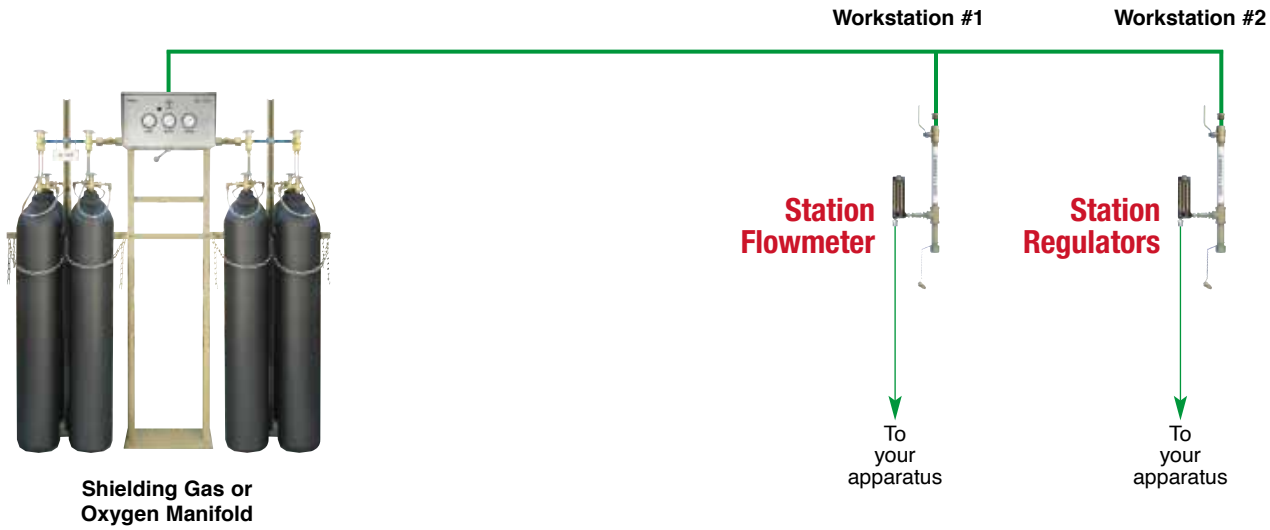
Station Flowmeters

General

A station flowmeter is used in a gas manifold delivery system to reduce pipe line gas flow to that which is required by an individual workstation.

Station flowmeters are listed by the maximum capacity recommended for oxygen and shielding gas applications.



Flow tests are conducted with Air at 70º F. To determine the flow rate for a specific gas, multiply test results by the correction factor in the table below.

Argon	.85
Carbon Dioxide	.81
Helium	2.69
Hydrogen	3.79
Nitrogen	1.02
Oxygen	.95

Single Stage Station Flowmeters –
FM0005559A

Argon 1-60 scfh
Helium 1-180 scfh
Nitrogen 1-70 scfh
Carbon Dioxide 1-60 scfh

The FM0005559A flowmeter is used in a gas distribution system to supply shielding gas to an individual operator at a workstation. It is designed for easy adjustment and precise measurement of gas flows.

Flowmeter: Impact resistant pyrex® flow tube with easy to read scfh scales for Argon, Helium, Nitrogen and Carbon Dioxide

Maximum inlet pressure: 50 psig

Ordering Information

Gas	Part No.	Operating Range scfh	Connections Inlet	Connections Outlet	Approx. Shipping Wt. Lbs.
Argon	FM0005559A	1-60	5/8”-18RH Ext.	5/8”-18RH Int.	1
Helium		1-180			
Nitrogen		1-70			
Carbon Dioxide		1-60			

Special Application Regulators

Rexarc 3070 Series high flow regulators are the industry performance standard – with operating pressures up to 200 psig and flow rates up to 35,000 scfh.

These regulators are designed for manifolds, tube trailers, and other applications within the operating specifications.

Flow tests are conducted with Air at 70º F. To determine the flow rate for a specific gas, multiply test results by the correction factor in the table below.

Argon	.85
Carbon Dioxide	.81
Helium	2.69
Hydrogen	3.79
Nitrogen	1.02
Oxygen	.95

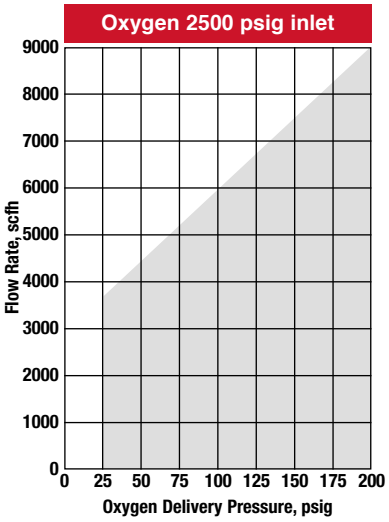
Two Stage Regulators – 9000 scfh

3070 Series

Air, Argon, Carbon Dioxide, Helium Nitrogen and Oxygen 25-200 psig

The 3070 Series high flow regulators are the industry performance standard – with operating pressures up to 200 psig and flow rates up to 9,000 scfh. These regulators are designed for manifolds, tube trailers, and other applications within the operating specifications.

Body and bonnet: Solid forged brass, machined
Diaphragm: Neoprene reinforced with Nylon
1st stage seat: Kel F on Acetylene Nylon all others, stem type
2nd stage seat: Rubber, stem type
Relief valve: Spring loaded
Inlet filter: 50 micron
Maximum inlet pressure: 3000 psig



Tested with air at 70° Fahrenheit.

Ordering Information

Gas	Part No.	Operating Range psig	Connections 1"-11½ NPS Union Inlet	Outlet	Approx. Shipping Wt. Lbs.
Air	000003070A	25-200	RH Ext.	RH Int.	12-1/2
Argon	000003070A				
Carbon Dioxide	000003070CD				
Helium	000003070A				
Nitrogen	000003070A				
Oxygen	000003070A				

Two Stage Regulators – 35000 scfh

3070 Series

Hydrogen 2-50 psig
Hydrogen and Natural Gas 25-200 psig

The 3070 Series high flow regulators are the industry performance standard – with operating pressures up to 200 psig and flow rates up to 35,000 scfh. These regulators are designed for manifolds, tube trailers, and other applications within the operating specifications.

Body and bonnet: Solid forged brass, machined

Diaphragm: Neoprene reinforced with Nylon

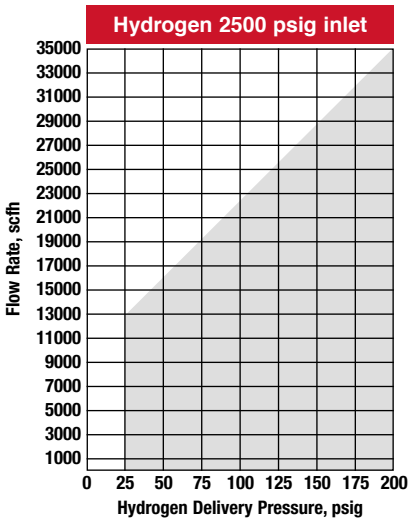
1st stage seat: Nylon, stem type

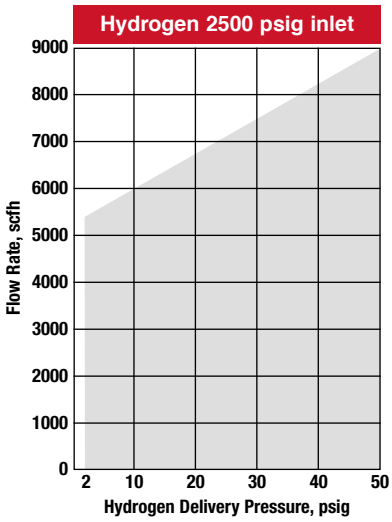
2nd stage seat: Rubber, stem type

Relief valve: Spring loaded

Inlet filter: 50 micron

Maximum inlet pressure: 3000 psig





Ordering Information

Gas	Part No.	Operating Range psig	Connections 1"-11½ NPS Union Inlet	Outlet	Approx. Shipping Wt. Lbs.
Hydrogen	000003070BL	2-50	LH Ext.	LH Int.	12-1/2
	000003070B	25-200t			

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In-Line Ball Valves, In-Line Check Valves, and Labels

Ball Valves

Unibody bronze ball valves, rated 300 W.O.G., plated brass ball with Teflon seats, reinforced stem packing and ball thrust washer with adjustable stem packing gland.

Check Valves

Small particles of solid materials often flow through the line along with the gas. They sometimes stick and build-up in valves with flat seats, making a tight seal impossible.

Here's why Rexarc valves give added protection: The shape of the rounded Rexarc inner valve tends to be self-cleaning so particles are less likely to be trapped.

You save money too, with Rexarc Valves. The armored inner valve is replaceable. This means you no longer have to put in an entirely new valve after a severe flashback. In many cases a simple cleaning is all that's necessary.

Labels

Labels assist in identifying materials conveyed in piping systems. Installation of Rexarc pipe line labels should comply with ANSI Bulletin A13.1 and local codes.

In-Line Ball Valves

In-Line Ball Valves

Gas	Part No.	Size NPT (F)	Approx. Shipping Wt. Lbs.
Fuel Gas Oxygen Inert & Air	1-02-1238-1P	1/4”	1
Fuel Gas Oxygen Inert & Air	1-02-1238-2P	1/2”	1-1/4
Fuel Gas Oxygen Inert & Air	1-02-1238-3P	3/4”	2
Self-venting, Air only	1-02-1009-3		
Fuel Gas Oxygen Inert & Air	1-02-1238-4P	1”	2-1/4
Fuel Gas Oxygen Inert & Air	1-02-1238-5P	1-1/4”	2-3/4
Fuel Gas Oxygen Inert & Air	1-02-1238-6P	1-1/2”	3-1/4
Fuel Gas Oxygen Inert & Air	1-02-1238-8P	2”	5

Check Valves

Operating Pressure 1 to 500 psig

Check Valves — Male to Female 1/4" NPT

Gas	Part No.	Size	Weight
Acetylene	2-01-0020	2-1/4" x 3/4"	4 oz
LPG Type Gas	2-01-0020	2-1/4" x 3/4"	4 oz
Oxygen	2-01-0020	2-1/4" x 3/4"	4 oz

Replacement parts

Gas	Spring	Valve	Washer
Acetylene	1-01-0164	1-01-0153	1-01-0591
LPG Type Gas	1-01-0164	1-01-0153Y	1-01-0591
Oxygen	1-01-0164	1-01-0153Y	1-01-0591

Operating Pressure 1 to 3000 psig

Check Valves — Male to Female 1/4" NPT

Gas	Part No.	Size	Weight
Acetylene	2-01-0142	2-1/4" x 3/4"	4.5 oz
LPG Type Gas	2-01-0142	2-1/4" x 3/4"	4.5 oz
Oxygen	2-01-0142	2-1/4" x 3/4"	4.5 oz

Replacement parts

Gas	Spring	S.S. Ball	Washer
Acetylene	1-01-0164	1-01-0472	1-01-0591
LPG Type Gas	1-01-0164	1-01-0472	1-01-0591
Oxygen	1-01-0164	1-01-0472	1-01-0591

Operating Pressure 1 to 3000 psig

Check Valves — Male to Female 3/4" NPT

Gas	Part No.	Size	Weight
Acetylene	2-01-0170-3	4" x 1-1/4"	17 oz
LPG Type Gas	2-01-0170-3	4" x 1-1/4"	17 oz
Oxygen	2-01-0170-3	4" x 1-1/4"	17 oz

Replacement parts

Gas	Spring	S.S. Ball	Washer
Acetylene	1-01-0149A	1-01-0506	1-01-0636
LPG Type Gas	1-01-0149A	1-01-0506	1-01-0636
Oxygen	1-01-0149A	1-01-0506	1-01-0636

Operating Pressure 1 to 200 psig

Check Valves — Male to Female 3/8" NPT

Gas	Part No.	Size	Weight
Acetylene	2-01-0038	3-1/2" x 2-3/8"	16 oz

Replacement parts

Gas	Spring	Valve	Washer
Acetylene	1-01-0149	1-01-0072	1-01-0636

Check Valves

Check Valves — Female to Female 1/4” NPT

Gas	Part No.	Size	Weight
Acetylene	2-01-0080-1	4-3/4” x 1-1/4”	17 oz
LPG Type Gas	2-01-0080-1	4-3/4" x 1-1/4”	17 oz
Oxygen	2-01-0080-1	4-3/4” x 1-1/4”	17 oz

Replacement parts

Gas	Spring	Valve	Washer
Acetylene	1-01-0149A	1-01-0072Y	1-01-0636
LPG Type Gas	1-01-0149A	1-01-0072Y	1-01-0636
Oxygen	1-01-0149A	1-01-0072Y	1-01-0636

Operating Pressure 1 to 500 psig

Check Valves — Female 1/4” to Female 1/2” NPT

Gas	Part No.	Size	Weight
Acetylene	2-01-0080-1-2	4” x 1-1/4”	17 oz
LPG Type Gas	2-01-0080-1-2	4” x 1-1/4”	17 oz
Oxygen	2-01-0080-1-2	4” x 1-1/4”	17 oz

Replacement parts

Gas	Spring	Valve	Washer
Acetylene	1-01-0149A	1-01-0072Y	1-01-0636
LPG Type Gas	1-01-0149A	1-01-0072Y	1-01-0636
Oxygen	1-01-0149A	1-01-0072Y	1-01-0636

Operating Pressure 1 to 500 psig

Check Valves — Male 1/2” to Female 3/4” NPT

Gas	Part No.	Size	Weight
Acetylene	2-01-0080-2-3	4” x 1-1/4”	17 oz
LPG Type Gas	2-01-0080-2-3	4” x 1-1/4”	17 oz
Oxygen	2-01-0080-2-3	4” x 1-1/4”	17 oz

Replacement parts

Gas	Spring	Valve	Washer
Acetylene	1-01-0149A	1-01-0072Y	1-01-0636
LPG Type Gas	1-01-0149A	1-01-7002Y	1-01-0636
Oxygen	1-01-0149A	1-01-0072Y	1-01-0636

Operating Pressure 1 to 500 psig

Check Valves – Male to Female 1/2” NPT

Gas	Part No.	Size	Weight
Acetylene	2-01-0080-2	4” x 1-1/4”	17 oz
LPG Type Gas	2-01-0080-2	4” x 1-1/4”	17 oz
Oxygen	2-01-0080-2	4” x 1-1/4”	17 oz

Replacement parts

Gas	Spring	Valve	Washer
Acetylene	1-01-0149A	1-01-0072Y	1-01-0636
LPG Type Gas	1-01-0149A	1-01-0072Y	1-01-0636
Oxygen	1-01-0149A	1-01-0072Y	1-01-0636

Operating Pressure 1 to 500 psig

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Check Valves

Check Valves – Male to Female 3/4” NPT

Operating Pressure 1 to 500 psig

Gas	Part No.	Size	Weight
Acetylene	2-01-0080-3	4” x 1-1/4”	17 oz
LPG Type Gas	2-01-0080-3	4” x 1-1/4”	17 oz
Oxygen	2-01-0080-3	4” x 1-1/4”	17 oz

Replacement parts

Gas	Spring	Valve	Washer
Acetylene	1-01-0149A	1-01-0072Y	1-01-0636
LPG Type Gas	1-01-0149A	1-01-0072Y	1-01-0636
Oxygen	1-01-0149A	1-01-0072Y	1-01-0636

Check Valves – Male 1/4” NPT to Male 9/16”-18

Operating Pressure 3 oz. to 200 psig

Gas	Part No.	Size	Weight
Acetylene	2-01-0240LH	2-1/4” x 3/4”	2.3 oz
LPG Type Gas	2-01-0240LH	2-1/4” x 3/4”	2.3 oz
Oxygen	2-01-0240RH	2-1/4” x 3/4”	2.3 oz

Check Valves – Female to Male 9/16”-18

Operating Pressure 3 oz. to 200 psig

Gas	Part No.	Size	Weight
Acetylene	2-01-0241LH	2-1/4” x 3/4”	2.5 oz
LPG Type Gas	2-01-0241LH	2-1/4” x 3/4”	2.5 oz
Oxygen	2-01-0241RH	2-1/4” x 3/4”	2.5 oz

Check Valves – Male to Male 1/4” NPT

Operating Pressure 3 oz. to 200 psig

Gas	Part No.	Size	Weight
Cryogenic Liquid	1-04-2075	2-1/4” x 3/4”	2.5 oz

Labels

Labels – Mylar Self-Adherent

Description	Part No.	Color Code	Legend
Acetone	1-03-0083	Yellow	Black
Acetylene	1-03-0081	Yellow	Black
Anhydrous Ammonia	1-03-0201	Yellow	Black
Argon	1-03-0107	White	Black
Argon-CO^2	1-03-0238	White	Black
Argon-Hydrogen	1-03-0600	Yellow	Black
Argon-Oxygen	1-03-0318	Yellow	Black
Arrow	1-03-0132	Yellow	Black
Breathing Air	1-03-0113	White	Black
Carbon Dioxide	1-03-0108	White	Black
Carbon Monoxide	1-03-0255	Yellow	Black
Compressed Acetylene	1-03-0082	Yellow	Black
Compressed Air	1-03-0105	White	Black
Freon 12	1-03-0205	White	Black
Hef Gas	1-03-0249	Yellow	Black
Helium-Argon-CO^2	1-03-0239	White	Black
Helium Gas	1-03-0115	White	Black
HPG Gas	1-03-0273	Yellow	Black
Hydrogen	1-03-0104	Yellow	Black
Hydrogen-Nitrogen	1-03-0157	Yellow	Black
Liquid Air Fuel Gas	1-03-0279	Yellow	Black
LPG Liquid Petroleum Gas	1-03-0112	Yellow	Black
Mapp	1-03-0094	Yellow	Black
Methane	1-03-0162	Yellow	Black
Mison	1-03-0792	Yellow	Black
Natural Gas	1-03-0101	Yellow	Black
Nitrogen	1-03-0106	White	Black
Nitrous Oxide	1-03-0110	White	Black
Oxygen	1-03-0093	Blue	White
Prestolene	1-03-0257	Yellow	Black
Propane	1-03-0100	Yellow	Black
Propylene Base Gas	1-03-0111	Yellow	Black
P-5	1-03-0409	Yellow	Black
P-10	1-03-0220	Yellow	Black
Sulfur Dioxide	1-03-0200	Yellow	Black

For Piping 3/4” to 1 ” O.D.
Label Size 8” x 3”
Letter Legend Size 1/2”

Description	Part No.	Color Code	Legend
Acetylene	1-03-0116	Yellow	Black
Argon	1-03-0133	White	Black
Carbon Dioxide	1-03-0135	White	Black
Compressed Air	1-03-0131	White	Black
LPG Liquid Petroleum Gas	1-03-0118	Yellow	Black
Mapp	1-03-0117	Yellow	Black
Natural Gas	1-03-0128	Yellow	Black
Oxygen	1-03-0126	Blue	White
Propane	1-03-0129	Yellow	Black
Propylene Base Gas	1-03-0254	Yellow	Black
Vacuum	1-03-0150	White	Black

For Piping 1-1/2” to 2” O.D.
Label Size 8” x 4”
Letter Legend Size 3/4”

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Contact Us: 1-937-839-4604

Elbows, Extensions, Cylinder Racks, Cylinder Pigtails, and CGA Fittings

Cylinder Pigtails

Flexible stainless steel braided cylinder pigtails are designed for 3,000 psig applications. Pigtails are constructed of 304 stainless steel braided covering over a 1/4” ID Teflon liner. End fit-tings are brass or stainless steel where brass is not compatible.

Operating pressure	3,000 psig
Bursting pressure rating	10,000 psig

Convoluted stainless steel braided cylinder pigtails should be used with helium and hydrogen applications. Pigtails are constructed of 321 stainless steel double braided covering over a 1/4” ID 316 stainless steel annular convoluted inner core. End fittings are stainless steel.

Operating pressure	3,000 psig
Bursting pressure rating	12,000 psig

6,000 psig PTFE core stainless steel braided cylinder pigtails are designed for 6,000 psig oxygen, inert gas applications. Pigtails are constructed of stainless steel double braided covering over a 1/4” ID PTFE inner core. End fittings are stainless steel.

Operating pressure	6,000 psig
Bursting pressure rating	24,600 psig

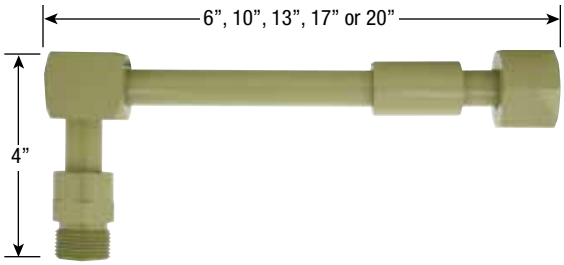
Cryogenic Vent Kits – recommended for 4 and 6 cylinder Econ-O-Flow manifolds

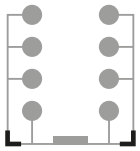
No. Cyl.	Description	Part No. Oxygen	Part No. Inert
4	Vent jumper for Econ-O-Flow	2-04-1686-440-2	2-04-1686-295-2
6	Vent jumper for Econ-O-Flow	2-04-1686-440-3	2-04-1686-295-3

• Two cryogenic vent kits are required per manifold, one per side

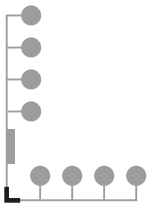
Elbow – Header, All Gases

Description	Size	Part No.	Approx. Shipping Wt. Lbs.
Elbow, Brass	1/2” x 4” x 6”	2-04-1212-6	15
	1/2” x 4” x 10”	2-04-1212-10	18
	1/2” x 4” x 13”	2-04-1212-13	21
	1/2” x 4” x 17”	2-04-1212-17	24
	1/2” x 4” x 20”	2-04-1212-20	27





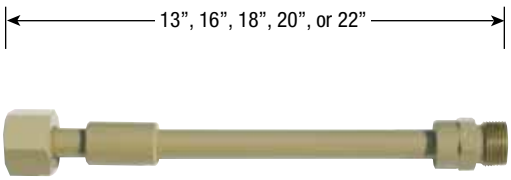
Two elbows for U shape



One elbow for L shape

Extension – Header, All Gases

Description	Size	Part No.	Approx. Shipping Wt. Lbs.
Extension, Brass	1/2” x 13”	2-04-1444-13	15
	1/2” x 16”	2-04-1444-16	18
	1/2” x 18”	2-04-1444-18	21
	1/2” x 20”	2-04-1444-20	24
	1/2” x 22”	2-04-1444-22	27



Manifold Mounting Assemblies

Complete assemblies include 2 Support Posts, 4 cylinder racks and 2 center bars

Description	Part No. 13" Spacing	Part No. 10" Spacing	Approx. Shipping Wt. Lbs.
8-Cylinder Mounting Assembly	2-04-1302-8	2-04-1299-8	35
12-Cylinder Mounting Assembly	2-04-1302-12	2-04-1299-12	47
16-Cylinder Mounting Assembly	2-04-1302-16	2-04-1299-16	59
20-Cylinder Mounting Assembly	2-04-1302-20	2-04-1299-20	71
	(Acetylene)	(HP Cylinders)	

Cylinder Racks – Wall Mounted

No. Cyl.	Part No. 13" Spacing	Part No. 10" Spacing	Length	Approx. Shipping Wt. Lbs.
2	2-04-1185-2	2-04-1184-2	27"	6
3	2-04-1185-3	2-04-1184-3	40"	7
4	2-04-1185-4	2-04-1184-4	53"	8
5	2-04-1185-5	2-04-1184-5	66"	9
	(Acetylene)	(HP Cylinders)		

Cylinder Pigtails

0083 Series

0862 Series

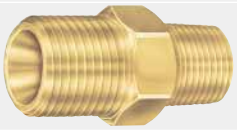
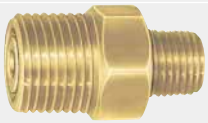
1845 Series

2254 Series

Description	Length	3000 psig Flexible Stainless Steel Braided Cylinder Pigtails w/ Brass Ends	3000 psig Flexible Stainless Steel Braided Cylinder Pigtails w/ Stainless Steel Ends	3000 psig Convoluted Stainless Steel Braided Cylinder Pigtails w/ Stainless Steel Ends	6000 psig PTFE core Stainless Steel Braided Cylinder Pigtails w/ Stainless Steel Ends
Male to Male, 1/4” NPT	12”	1-02-0083-12MM	1-04-0862-12MM	1-04-1845-12MM	1-04-2254-12MM
	18”	1-02-0083-18MM	1-04-0862-18MM	1-04-1845-18MM	1-04-2254-18MM
	24”	1-02-0083-24MM	1-04-0862-24MM	1-04-1845-24MM	1-04-2254-24MM
	36”	1-02-0083-36MM	1-04-0862-36MM	1-04-1845-36MM	1-04-2254-36MM
	48”	1-02-0083-48MM	1-04-0862-48MM	1-04-1845-48MM	1-04-2254-48MM
	60”	1-02-0083-60MM	1-04-0862-60MM	1-04-1845-60MM	1-04-2254-60MM
	72”	1-02-0083-72MM	1-04-0862-72MM	1-04-1845-72MM	1-04-2254-72MM
Male to Female, 1/4” NPT	12”	1-02-0083-12MF	1-04-0862-12MF	1-04-1845-12MF	1-04-2254-12MF
	18”	1-02-0083-18MF	1-04-0862-18MF	1-04-1845-18MF	1-04-2254-18MF
	24”	1-02-0083-24MF	1-04-0862-24MF	1-04-1845-24MF	1-04-2254-24MF
	36”	1-02-0083-36MF	1-04-0862-36MF	1-04-1845-36MF	1-04-2254-36MF
	48”	1-02-0083-48MF	1-04-0862-48MF	1-04-1845-48MF	1-04-2254-48MF
	60”	1-02-0083-60MF	1-04-0862-60MF	1-04-1845-60MF	1-04-2254-60MF
	72”	1-02-0083-72MF	1-04-0862-72MF	1-04-1845-72MF	1-04-2254-72MF
Female to Female, 1/4” NPT	12”	1-02-0083-12FF	1-04-0862-12FF	1-04-1845-12FF	1-04-2254-12FF
	18”	1-02-0083-18FF	1-04-0862-18FF	1-04-1845-18FF	1-04-2254-18FF
	24”	1-02-0083-24FF	1-04-0862-24FF	1-04-1845-24FF	1-04-2254-24FF
	36”	1-02-0083-36FF	1-04-0862-36FF	1-04-1845-36FF	1-04-2254-36FF
	48”	1-02-0083-48FF	1-04-0862-48FF	1-04-1845-48FF	1-04-2254-48FF
	60”	1-02-0083-60FF	1-04-0862-60FF	1-04-1845-60FF	1-04-2254-60FF
	72”	1-02-0083-72FF	1-04-0862-72FF	1-04-1845-72FF	1-04-2254-72FF

Rexarc
Product Questions?
Contact Us: 1-937-839-4604

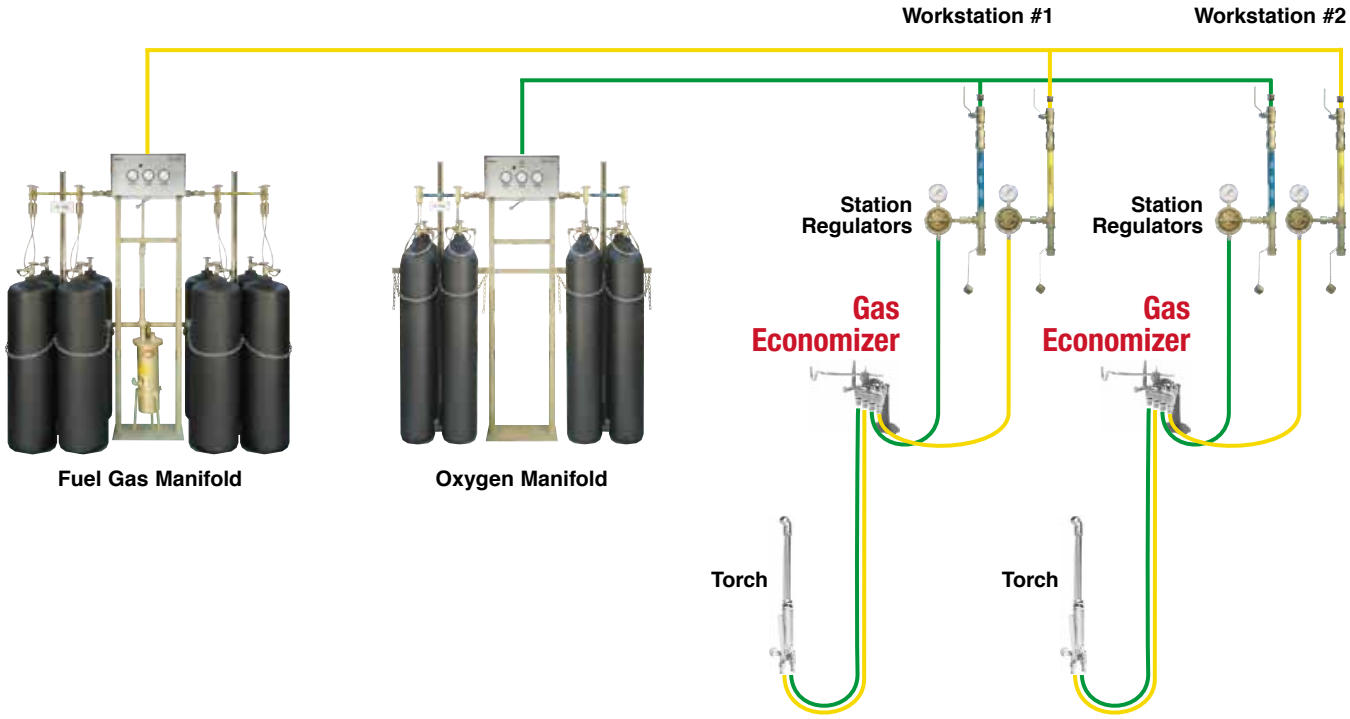
CGA Adapters – Manifold Pipeline Outlet

	From / To	1/4” NPT	1/2” NPT	3/4” NPT
	**CGA 200** Acetylene 10 Cu. Ft. (MC) .625”-20 NGO-RH	1-04-0999	–	–
	CGA 296 Industrial Oxygen Mixes .803”-14 UNS-2B-RH	1-04-1000	–	–
	CGA 300 Commercial Acetylene .825”-14 NGO-RH	1-04-0082-0	1-04-0082-2	1-04-0082-3
	**CGA 320** Carbon Dioxide .825”-14 NGO-RH	1-04-0467-0	1-04-0467-2	1-04-0467-3
	CGA 326 Nitrous Oxide .825”-14 NGO-RH	1-04-0505-0	1-04-0505-2	1-04-0505-3
	CGA 346 Air up to 3,000 psig .825”-14 NGO-RH	1-04-0816-0	1-04-0816-2	1-04-0816-3
	CGA 350 Hydrogen, Methane 825”-14 NGO-LH	1-04-0309-0	1-04-0309-2	1-04-0309-3
	CGA 410 Acetylene Canadian .850”-14 NGO-LH	1-04-1001	–	–
	CGA 510 Propane (Gas Withdrawal) .885”-14 NGO-LH	1-04-0071-0	1-04-0071-2	1-04-0071-3
	CGA 520 Acetylene 40 Cu. Ft. (B) .895”-18 NGO-RH	1-04-1002	–	–
	CGA 540 Oxygen .903”-14 NGO-RH	1-04-0308-0	1-04-0308-2	1-04-0308-3
	CGA 555 Propane (Liquid Withdrawal) .903”-14 NGO-LH	1-04-0481-0	1-04-0481-2	1-04-0481-3
	CGA 580 Argon, Helium, Nitrogen (Water Pumped) .965”-14 NGO-RH	1-04-0307-0	1-04-0307-2	1-04-0307-3
	CGA 590 Air, Nitrogen .965”-14 NGO-LH	1-04-0553-0	1-04-0553-2	1-04-0553-3

Specialty Hand Torches and Gas Economizer

The Rexarc 000000042 Torch can be used with any Fuel gas and oxygen where delicate brazing or soldering work is required. These torches are ideal for radiator repair shops and jewelers.

The Gas Economizer, also known in the industry as a “gas saver”, is used in pipe line applications that require the operator to stop work for short periods of time. They let the operator shut down the torch, and then re-ignite it without the need to re-adjust valves. An automatic gas shutoff valve saves the operator time required to re-adjust a torch with each restart, as well as the gas consumed to reset a neutral flame.



Specialty Hand Torch –
000000042

The style and design of this torch gives the operator all the quality features expected in a specialty torch such as neutral flame adjustments. From a fine pointed cone for delicate jewelry work to larger cone for battery and radiator shops this torch has earned an outstanding reputation.

Features:

- Compact, forged body overall size is 7-3/4", weighs just 8 oz
- Easy to adjust up front “Thumb” gas valves
- Operates with oxygen /acetylene or natural gas and LPG type gases
- 000000042 Torch has slip-on 3/16” hose connections, 000000043 Torch has 3/8-24 RH oxygen and 3/8-24 LH fuel gas connection
- 60° gooseneck standard, 90° and 180° available

Ordering Information

Description	Part No.	Gooseneck Angle*	Length	Approx. Shipping Wt. Lbs.
W/slip-on connections	000000042	60°	7-3/4”	1/2

* H00000000-17C gooseneck included with torch

See next page for Goosenecks and Tips.

Goosenecks and Tips for 000000042 and 000000043 Torch

H00000000-17A gooseneck
5-1/8” long, 180° angle

H00000000-17C gooseneck
4-1/2” long, 60° angle

180 Series

acetylene, natural and LPG type gas welding tips

Used for light brazing and soldering by jewelers, radiator repair and battery shops

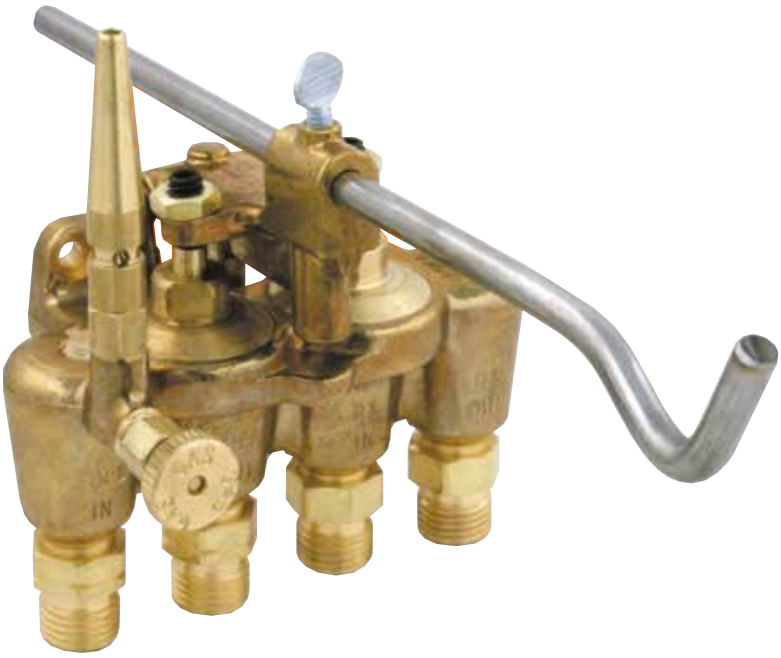
Tip Part No.	Thickness of Metal	Fuel Gas Operating psig	Fuel Gas Operating scfh	No. Cyl. @ 34 scfh	Oxygen Operating psig	Oxygen Operating scfh
000000180-76	.030” (22ga.)	2-3	.5-3	1	2-3	.5-3
000000180-72	.048” (18ga.)	2-3	1-5	1	2-3	1-5
000000180-65	.060” (16ga.)	2-4	1.5-7	1	2-4	1.5-7
000000180-60	3/32”	2-4	2-11	1	2-4	2-11
000000180-60F**	3/32”	2-4	2-11	1	2-4	2-11
000000180-55	5/32”	2-5	5-20	1	2-5	5-20
000000180-55F**	5/32”	2-5	5-20	1	2-5	5-20
000000180-45	5/16”	3-8	15-44	**2***	3-8	15-44
000000180-45F**	5/16”	3-8	15-44	**2***	3-8	15-44
000000180-38	5/8”	4-10	30-87	**3***	4-10	30-87
000000180-38F**	5/8”	4-10	30-87	**3***	4-10	30-87

* Tips shaded in blue require a Fuel Gas Manifold System to withdraw gas from multiple cylinders.
** Use F Series tips with LPG gas.

000004360A
Gas Economizer

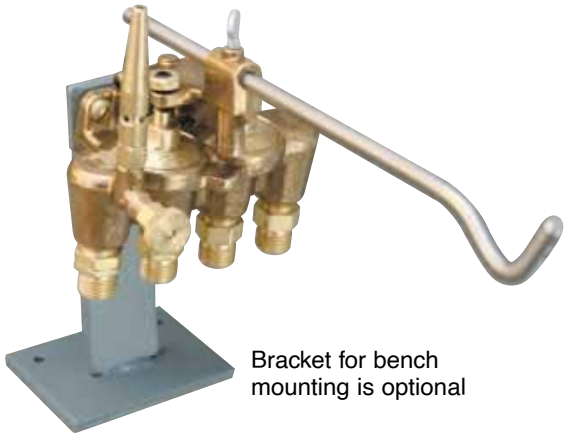
An automatic shutoff valve that saves gas and time.

To shut off gas supply to the torch, just hang it on the handle. To restart, lift the torch off the handle and re-ignite it with the pilot flame. The Economizer eliminates repeated adjustment of the torch valves.



Features:

- Easy to operate – torch weight shuts off the gas
- No need to re-adjust gas control knobs on the torch
- Used with all fuel gases



Bracket for bench mounting is optional

Ordering Information

Description	Part No.	Approx. Shipping Wt. Lbs.
Gas Economizer with Acetylene pilot base, less bracket	000004360A	4
Optional pilot base for Natural and LPG type fuel gas	000004360-24	1/2
Optional bracket for bench mounting	000003360-21	1/2

Rexarc INTERNATIONAL, INC. LIMITED WARRANTY

(1) Rexarc International, Inc. ("Rexarc") warrants that the products purchased from Rexarc (the "Products") are free from defects in material and workmanship. This warranty is given only to the original purchaser from Rexarc. The duration of this warranty is ninety (90) days for electrical components and one year for other parts and components, in each case starting from the date of shipment to the original purchaser.

(2) Rexarc's liability in connection with this warranty or other claim relating to the Products shall be limited to the repair, or at Rexarc's option, the replacement or refund of the purchase price, of any Product that is returned to Rexarc in West Alexandria, Ohio, freight prepaid, and is determined to be defective after examination by Rexarc. No product or parts or components may be returned to Rexarc without first receiving return authorization from Rexarc. Products or parts or components thereof which are repaired or replaced by Rexarc will be returned to the purchaser freight collect.

(3) Rexarc does not warrant any Product, components or parts not manufactured by Rexarc. Also, the Rexarc warranty does not apply to defects or damage caused by or arising from: (a) use of a Product for purposes other than those for which it was designed, (b) improper installation, (c) accidents or disasters such as fire or flood, (d) unauthorized attachments or modification, (e) shipment, (f) normal wear or tear, or (g) any abuse or misuse of the Product.

(4) EXCEPT AS EXPRESSLY STATED HEREIN, REXARC MAKES NO WARRANTY, EXPRESS OR IMPLIED, WHETHER OF MERCHANTABILITY OR FITNESS FOR ANY PARTICULAR PURPOSE OR USE OR OTHERWISE, ON THE PRODUCTS, OR ON ANY PARTS OR LABOR FURNISHED DURING THE SALE, DELIVERY OR SERVICING OF THE PRODUCTS.

(5) This warranty is not intended to cover consumer products, as defined in the Magnuson-Moss Warranty-Federal Trade Commission Improvement Act, which are purchased by the purchaser for purposes other than resale. If the purchaser does not intend to resell the Products, and if the Products are consumer products as defined in the Magnuson-Moss Act, the foregoing warranty, but not the limitation of Rexarc's liability, shall be null and void.

(6) Any action for breach of this warranty must be commenced within 15 months following shipment of the Product to the original purchaser.

(7) IN NO EVENT SHALL REXARC BE LIABLE TO THE PURCHASER FOR ANY SPECIAL, INDIRECT, INCIDENTAL OR CONSEQUENTIAL DAMAGES ARISING OUT OF, OR AS THE RESULT OF, THE SALE, DELIVERY, NON-DELIVERY, SERVICING, USE OR LOSS OF USE OF THE PRODUCTS OR ANY PART THEREOF, OR FOR ANY CHARGES OR EXPENSES OF ANY NATURE INCURRED WITHOUT REXARC'S WRITTEN CONSENT, REGARDLESS OF WHETHER SUCH CLAIM THEREFOR IS BASED UPON BREACH OF WARRANTY, BREACH OF CONTRACT, NEGLIGENCE, STRICT TORT OR ANY OTHER LEGAL THEORY. IN NO EVENT SHALL REXARC'S LIABILITY UNDER ANY CLAIM MADE BY THE PURCHASER EXCEED THE PURCHASE PRICE OF THE PRODUCTS IN RESPECT OF WHICH DAMAGES ARE CLAIMED.

(8) Some states do not allow limits on warranties or on remedies for breach in certain transactions. In such states, the limits in paragraphs (4) and (7) may not apply.

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