

# VIGOUR™



## Product Catalog

VIGOUR CORPORATION

Already in 1991 when we started with VIGOUR our vision was to become the market leader for TIG, MIG, and gas delivery systems in the welding and cutting industry. The team itself, the great partnership with our customers and the combination of innovation, creativity and quality led us to VIGOUR today: An international well-known company with references all over Asia Pacific for standard and customized gas welding systems. A team of specialists work together on solutions with great benefit for our customers. Focusing on our vision, we will achieve our ambitious targets, to be the

### Pioneer spirit

We regards ourselves as a pioneer company, easily adapting to new situation and challenges.

### Innovation

configuration of the entire company.

### Experience

The experience of our team with a large variety of applications generates reliable solutions.

### Total reliability

This applies to our products as well as the partnership to our customers.

### 9 T M

Working together and using the synergy of both your and our experience. We develop favorable solutions for your particular application.

# VIGOUR<sup>TM</sup>

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# Cylinder Pressure Regulators

## VR-11 Series Single Stage Light Duty Regulators

### Product Application

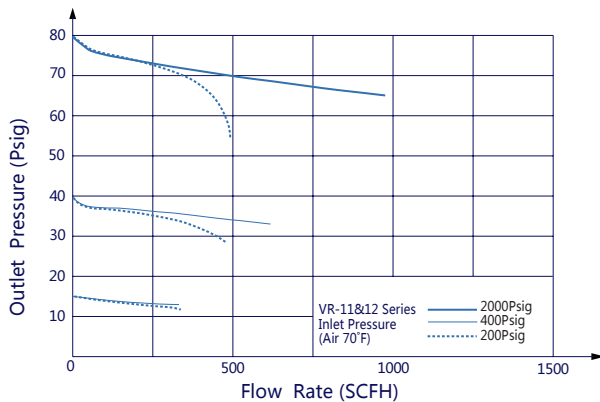
With lightweight, compact and single stage design, they are ideal for light to medium duty gas welding, cutting and heating applications.

### Product Features

- Body is machined from class "A" brass bar stock
- Chrome plated housing cap
- Internal safety pressure relief valve
- Sintered bronze inlet filter
- Stem type seat assembly for more reliable seating
- 2" gauges for easy reading
- 1-1/4" diaphragm
- Weight: 2 lbs 1 oz



### Flow Chart



### Ordering Information

Model NO.	Gas Service	Max. Inlet Pressure (Psi)	Max. Delivery Pressure (Psi)	Inlet Gauge	Outlet Gauge	Inlet Connection	Outlet Connection
VR-11F-80	L.P. Gas	400	4-80	2", 400PSI	2", 100PSI	CGA 510	9/16"-18LH(M)
VR-11X-80	Oxygen	3000	4-80	2", 4000PSI	2", 100PSI	CGA 540	9/16"-18RH(M)
VR-11Y-15	Acetylene	400	2-15	2", 400PSI	2", 30PSI,	CGA 510	9/16"-18LH(M)
VR-11Y-15-3	Acetylene	400	2-15	2", 400PSI	2", 30PSI,	CGA 300	9/16"-18LH(M)
VR-11Y-15-5	Acetylene	400	2-15	2", 400PSI	2", 30PSI,	CGA 520	9/16"-18RH(M)
VR-11IN-80	Ar, He, N2	3000	4-80	2", 4000PSI	2", 100PSI	CGA 580	5/8"-18RH(F)
VR-11IN-175	Ar, He, N2	3000	5-175	2", 4000PSI	2", 300PSI	CGA 580	5/8"-18RH(F)
VR-11IN-175-F	Ar, He, N2	3000	5-175	2", 4000PSI	2", 300PSI	CGA 580	1/4" SAME Flare
VR-11C-175	Carbon Dioxide	3000	5-175	2", 4000PSI	2", 300PSI	CGA 320	5/8"-18RH(F)
VR-11C-175-F	Carbon Dioxide	3000	5-175	2", 4000PSI	2", 300PSI	CGA 320	1/4" SAME Flare

Note: Others cylinder connections standard and Gauge's scale reading are available.

# Cylinder Pressure Regulators

## VR-12 Series Single Stage Light Duty Regulators

### Product Application

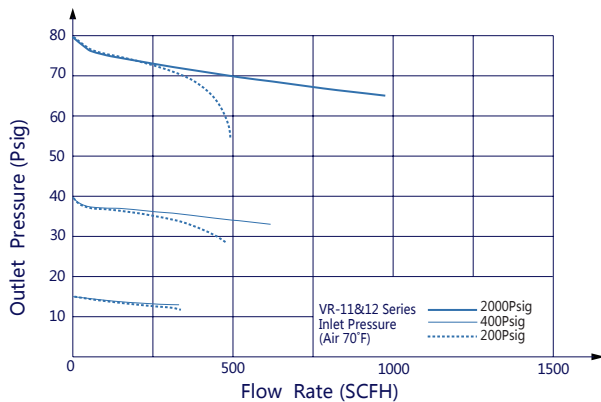
Featuring a compact rear entry design to meet the demands of special installation, these regulators are best for light to medium duty gas welding, cutting and heating applications, such as industrial maintenance, farm and shop repair hobby, crafts and home care. Rear entry inlet construction

### Product Features

- Body is machined from class "A" brass bar stock
- Chrome-plated housing cap
- Internal safety pressure relief valve
- Sintered bronze inlet filter
- Stem type seat assembly for more reliable seating
- 2" gauges for easy reading
- 1-1/4" diaphragm
- Weight: 2 lbs 3 oz



### Flow Chart



### Ordering Information

Model NO.	Gas Service	Max. Inlet Pressure (Psi)	Max. Delivery Pressure (Psi)	Inlet Gauge	Outlet Gauge	Inlet Connection	Outlet Connection
VR-12X-80	Oxygen	3000	4-80	2", 4000PSI	2", 100PSI	CGA540 Rear	9/16"-18RH(M)
VR-12X-80-A	Oxygen	3000	4-80	2", 4000PSI	2", 100PSI	CGA540 Rear	3/8"-24RH(M)
VR-12Y-15	Acetylene	400	2-15	2", 400PSI	2", 30PSI, RL	CGA200 "MC" Rear	9/16"-18LH(M)
VR-12Y-15-A	Acetylene	400	2-15	2", 400PSI	2", 30PSI, RL	CGA200 "MC" Rear	3/8"-24LH(M)

# Cylinder Pressure Regulators

## VR-4 Series Single Stage Medium Duty Regulators

### Product Application

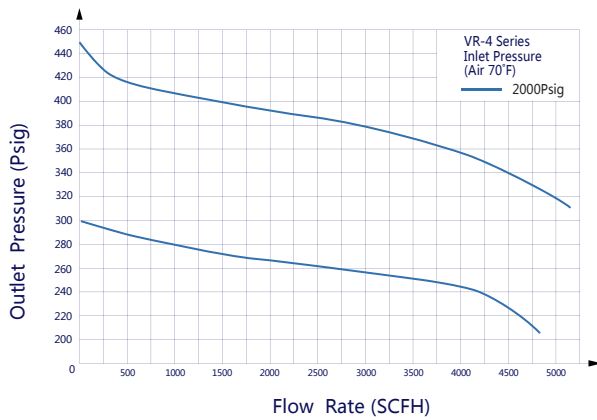
Featuring a compact rear entry design to meet the demands of special installation, these regulators are best for light to medium duty gas welding, cutting and heating applications, such as industrial maintenance, farm and shop repair hobby, crafts and home care. Rear entry inlet construction

### Product Features

- Body is machined from class "A" brass bar stock
- high-quality aluminum housing cap
- Internal safety pressure relief valve
- Sintered bronze inlet filter
- Stem type seat assembly for more reliable seating
- 2" gauges for easy reading
- 2-1/2" diaphragm
- Weight: 3 lbs 4 oz



### Flow Chart



### Ordering Information

Model NO.	Gas Service	Max. Inlet Pressure (Psi)	Max. Delivery Pressure (Psi)	Inlet Gauge	Outlet Gauge	Inlet Connection	Outlet Connection
VR-4X-125	Oxygen	3000	4-200	2", 4000PSI	2", 200PSI	CGA540 Rear	9/16"-18RH(M)
VR-4X-125-A	Oxygen	3000	4-200	2", 4000PSI	2", 200PSI	CGA540 Rear	3/8"-24RH(M)
VR-4Y-15	Acetylene	400	2-15	2", 400PSI	2", 30PSI	CGA200 "MC" Rear	9/16"-18LH(M)
VR-4Y-15-A	Acetylene	400	2-15	2", 400PSI	2", 30PSI	CGA200 "MC" Rear	3/8"-24LH(M)

# Cylinder Pressure Regulators

## VR-6 Series Single Stage Medium Duty Regulators

### Product Application

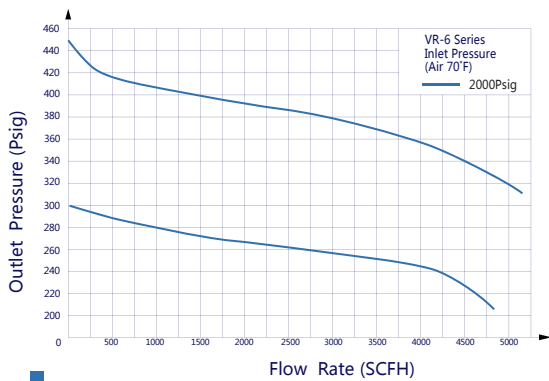
Designed for medium to heavy duty gas welding, cutting, and heating applications, the "Horse" is a Harris® style regulator with a 2-3/4" diaphragm and a Victor® style seat mechanism. Truly a "Work Horse."

### Product Features

- 2" gauges for easy reading
- Stem type seat assembly for more reliable performance
- Forged brass body
- Chrome plated housing cap
- Self re-seating external pressure relief valve on oxygen, inert gas, CO2 and nitrogen models
- Sintered bronze inlet filter
- Weight: 3 lbs



### Flow Chart



### Ordering Information

Model NO.	Gas Service	Max. Inlet Pressure (Psi)	Max. Delivery Pressure (Psi)	Inlet Gauge	Outlet Gauge	Inlet Connection	Outlet Connection
VR-6F-40	L.P. GAS	400	2-40	2",400PSI	2",60PSI	CGA510	9/16"-18LH(M)
VR-6F-125	L.P. GAS	400	5-125	2",400PSI	2",200PSI	CGA510	9/16"-18LH(M)
VR-6X-80	Oxygen	3000	4-80	2",4000PSI	2",100PSI	CGA540	9/16"-18RH(M)
VR-6X-175	Oxygen	3000	5-175	2",4000PSI	2",300PSI	CGA540	9/16"-18RH(M)
VR-6Y-15	Acetylene	400	2-15	2",400PSI	2",30PSI,RL	CGA510	9/16"-18LH(M)
VR-6Y-15-3	Acetylene	400	2-15	2",400PSI	2",30PSI,RL	CGA300	9/16"-18LH(M)
VR-6Y-15-5	Acetylene	400	2-15	2",400PSI	2",30PSI,RL	CGA520	9/16"-18LH(M)
VR-6C-175	Carbon Dioxide	3000	5-175	2",4000PSI	2",300PSI	CGA320	5/8"-18RH(F)
VR-6C-175-F	Carbon Dioxide	3000	5-175	2",4000PSI	2",300PSI	CGA320	1/4",SAMEFLARE
VR-6C-175-F	Carbon Dioxide	3000	5-175	2",4000PSI	2",300PSI	CGA320	1/4",SAMEFLARE
VR-6C-300	Carbon Dioxide	3000	20-300	2",4000PSI	2",400PSI	CGA320	5/8"-18RH(F)
VR-6IN-80	Ar, He, N <sub>2</sub>	3000	4-80	2",4000PSI	2",100PSI	CGA580	5/8"-18RH(F)
VR-6IN-175	Ar, He, N <sub>2</sub>	3000	5-175	2",4000PSI	2",300PSI	CGA580	5/8"-18RH(F)
VR-6IN-175-F	Ar, He, N <sub>2</sub>	3000	5-175	2",4000PSI	2",300PSI	CGA580	1/4",SAMEFLARE
VR-6IN-300	Ar, He, N <sub>2</sub>	3000	20-300	2",4000PSI	2",400PSI	CGA580	5/8"-18RH(F)
VR-6IN-300-F	Ar, He, N <sub>2</sub>	3000	20-300	2",4000PSI	2",400PSI	CGA580	1/4",SAMEFLARE
VR-6IN-450	Ar, He, N <sub>2</sub>	3000	30-450	2",4000PSI	2",600PSI	CGA580	5/8"-18RH(F)
VR-6IN-450-F	Ar, He, N <sub>2</sub>	3000	30-450	2",4000PSI	2",600PSI	CGA580	1/4",SAMEFLARE



# Cylinder Pressure Regulators

## VR-2 Series Single Stage Medium Duty Regulators

### Product Application

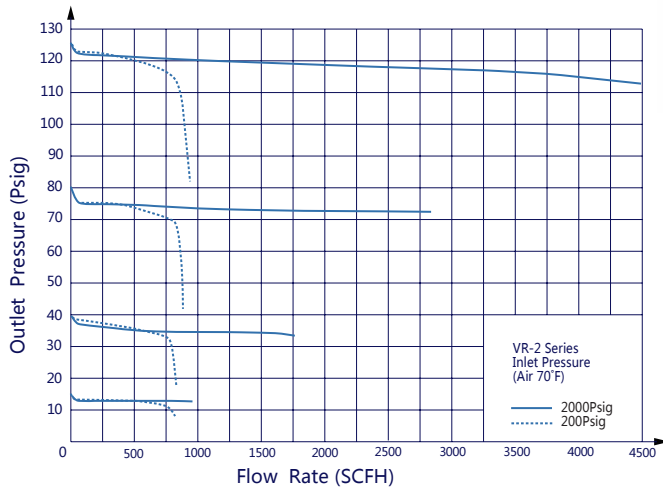
Designed for medium duty gas welding, cutting and heating applications, these regulators are ideal for industrial application, farm repairs and laboratory testing, etc.

### Product Features

- Body and housing cap are machined from class "A" brass bar stock
- Self re-seating external safety pressure relief valve on oxygen,
- inert gas and air models
- Sintered bronze inlet filter
- Stem type seat assembly for more reliable performance
- 2" gauges for easy reading
- 2" diaphragm
- Weight: 2 lbs 11 oz



### Flow Chart



### Ordering Information

Model NO.	Gas Service	Max. Inlet Pressure (Psi)	Max. Delivery Pressure (Psi)	Inlet Gauge	Outlet Gauge	Inlet Connection	Outlet Connection
VR-2F-80	L.P. Gas	400	4-80	2", 400PSI	2", 100PSI	CGA 510	9/16"-18LH(M)
VR-2X-80	Oxygen	3000	4-80	2", 4000PSI	2", 100PSI	CGA 540	9/16"-18RH(M)
VR-2Y-15	Acetylene	400	2-15	2", 400PSI	2", 30PSI, RL	CGA 510	9/16"-18LH(M)
VR-2Y-15-3	Acetylene	400	2-15	2", 400PSI	2", 30PSI, RL	CGA 300	9/16"-18LH(M)
VR-2Y-15-5	Acetylene	400	2-15	2", 400PSI	2", 30PSI, RL	CGA 520	9/16"-18LH(M)
VR-2IN-125	Ar, He, N <sub>2</sub>	3000	5-125	2", 4000PSI	2", 200PSI	CGA 580	5/8"-18RH(F)
VR-2Q-125	Air	3000	5-125	2", 4000PSI	2", 200PSI	CGA 346	5/8"-18RH(M)



# Cylinder Pressure Regulators

## VR-7 Series Single Stage Medium to Heavy Duty Regulators

### Product Application

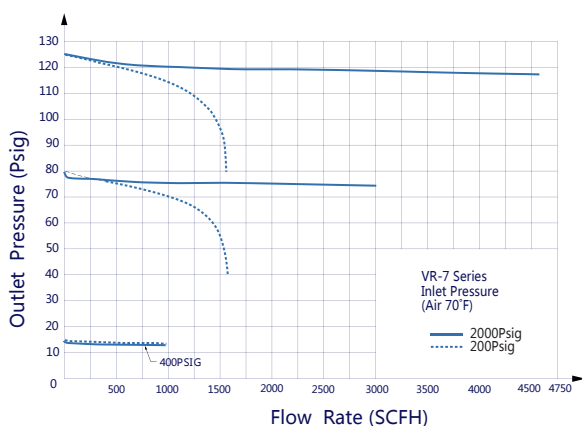
Designed for medium to heavy duty gas welding, cutting and heating applications, these single stage regulators provide top performance in a wide variety of industrial and laboratory applications.

### Product Features

- Body and housing cap are machined from class "A" brass bar stock
- Self re-seating external safety pressure relief valve on oxygen models
- Stem type seat assembly for more reliable performance
- 2-1/2" gauges for easy reading
- 2-3/4" diaphragm
- Weight: 3 lbs 8 oz



### Flow Chart



### Ordering Information

Model NO.	Gas Service	Max. Inlet Pressure (Psi)	Max. Delivery Pressure (Psi)	Inlet Gauge	Outlet Gauge	Inlet Connection	Outlet Connection
VR-7F-40	L.P. GAS	400	2-40	2",400PSI	2",60PSI	CGA510	9/16"-18LH(M)
VR-7F-125	L.P. GAS	400	5-125	2",400PSI	2",200PSI	CGA510	9/16"-18LH(M)
VR-7X-80	Oxygen	3000	4-80	2",4000PSI	2",100PSI	CGA540	9/16"-18RH(M)
VR-7X-175	Oxygen	3000	5-175	2",4000PSI	2",300PSI	CGA540	9/16"-18RH(M)
VR-7Y-15	Acetylene	400	2-15	2",400PSI	2",30PSI,RL	CGA510	9/16"-18LH(M)
VR-7Y-15-3	Acetylene	400	2-15	2",400PSI	2",30PSI,RL	CGA300	9/16"-18LH(M)
VR-7Y-15-5	Acetylene	400	2-15	2",400PSI	2",30PSI,RL	CGA520	9/16"-18LH(M)
VR-7C-175	Carbon Dioxide	3000	5-175	2",4000PSI	2",300PSI	CGA320	5/8"-18RH(F)
VR-7C-175-F	Carbon Dioxide	3000	5-175	2",4000PSI	2",300PSI	CGA320	1/4",SAMEFLARE
VR-7C-175-F	Carbon Dioxide	3000	5-175	2",4000PSI	2",300PSI	CGA320	1/4",SAMEFLARE
VR-7C-300	Carbon Dioxide	3000	20-300	2",4000PSI	2",400PSI	CGA320	5/8"-18RH(F)
VR-7IN-80	Ar, He, N <sub>2</sub>	3000	4-80	2",4000PSI	2",100PSI	CGA580	5/8"-18RH(F)
VR-7IN-175	Ar, He, N <sub>2</sub>	3000	5-175	2",4000PSI	2",300PSI	CGA580	5/8"-18RH(F)
VR-7IN-175-F	Ar, He, N <sub>2</sub>	3000	5-175	2",4000PSI	2",300PSI	CGA580	1/4"SAMEFLARE
VR-7IN-300	Ar, He, N <sub>2</sub>	3000	20-300	2",4000PSI	2",400PSI	CGA580	5/8"-18RH(F)
VR-7IN-300-F	Ar, He, N <sub>2</sub>	3000	20-300	2",4000PSI	2",400PSI	CGA580	1/4"SAMEFLARE
VR-7IN-450	Ar, He, N <sub>2</sub>	3000	30-450	2",4000PSI	2",600PSI	CGA580	5/8"-18RH(F)
VR-7IN-450-F	Ar, He, N <sub>2</sub>	3000	30-450	2",4000PSI	2",600PSI	CGA580	1/4"SAMEFLARE

# Cylinder Pressure Regulators

## VR-3 Series Single Stage Heavy Duty Regulators

### Product Application

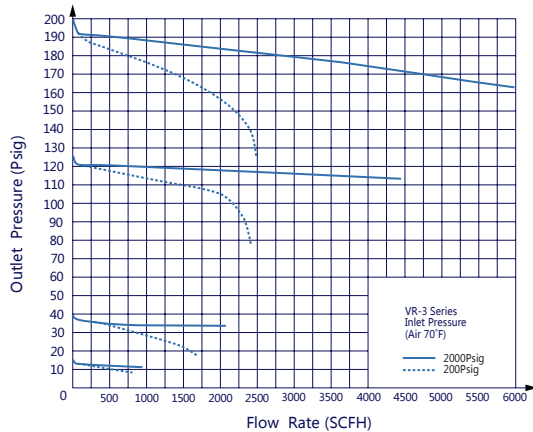
Designed for heavy duty gas welding, cutting & heating applications. Uses include steel, ship building, metallurgical and chemical industries, and laboratory, etc.

### Product Features

- 2-1/2" gauges for easy reading
- 3-1/4" stainless steel diaphragm for accurate pressure delivery
- Delrin cap bushing for smooth adjustments
- Stem type seat assembly for more reliable performance
- Body and housing cap machined from class "A" brass bar stock
- Self re-seating external pressure relief valve on oxygen, inert gas, air, CO2 and hydrogen models
- Sintered bronze inlet filter
- Weight: 4 lbs 13 oz



### Flow Chart



### Ordering Information

Model NO.	Gas Service	Max. Inlet Pressure (Psi)	Max. Delivery Pressure (Psi)	Inlet Gauge	Outlet Gauge	Inlet Connection	Outlet Connection
VR-3F-125	L. P. Gas	400	5-125	2-1/2",400PSI	2-1/2",200PSI	CGA510	9/16"-18LH(M)
VR-3X-125	Oxygen	3000	5-125	2-1/2",4000PSI	2-1/2",200PSI	CGA540	9/16"-18RH(M)
VR-3X-250	Oxygen	3000	10-250	2-1/2",4000PSI	2-1/2",400PSI	CGA540	9/16"-18RH(M)
VR-3Y-15	Acetylene	400	2-15	2-1/2",400PSI	2-1/2",30PSI,RL	CGA510	9/16"-18LH(M)
VR-3Y-15-3	Acetylene	400	2-15	2-1/2",400PSI	2-1/2",30PSI,RL	CGA300	9/16"-18LH(M)
VR-3IN-125	Ar, He, N2	3000	5-125	2-1/2",4000PSI	2-1/2",200PSI	CGA580	5/8"-18RH(F)
VR-3IN-250	Ar, He, N2	3000	10-250	2-1/2",4000PSI	2-1/2",400PSI	CGA580	5/8"-18RH(F)
VR-3IN-250-F	Ar, He, N2	3000	10-250	2-1/2",4000PSI	2-1/2",400PSI	CGA580	1/4"SAMEFlare
VR-3Q-125	Air	3000	5-125	2-1/2",4000PSI	2-1/2",200PSI	CGA590	5/8"-18LH(F)
VR-3Q-200	Air	3000	10-200	2-1/2",4000PSI	2-1/2",400PSI	CGA346	9/16"-18RH(M)
VR-3C-125	Carbon Dioxide	3000	5-125	2-1/2",4000PSI	2-1/2",200PSI	CGA320	5/8"-18RH(F)
VR-3C-200	Carbon Dioxide	3000	10-200	2-1/2",4000PSI	2-1/2",400PSI	CGA230	5/8"-18RH(F)
VR-3H-125	Hydrogen	3000	5-125	2-1/2",4000PSI	2-1/2",200PSI	CGA350	9/16"-18LH(M)
VR-3H-200	Hydrogen	3000	10-200	2-1/2",4000PSI	2-1/2",400PSI	CGA350	9/16"-18LH(M)

# Cylinder Pressure Regulators

## VR-5 Series Single Stage Extra Heavy Duty Regulators

### Product Application

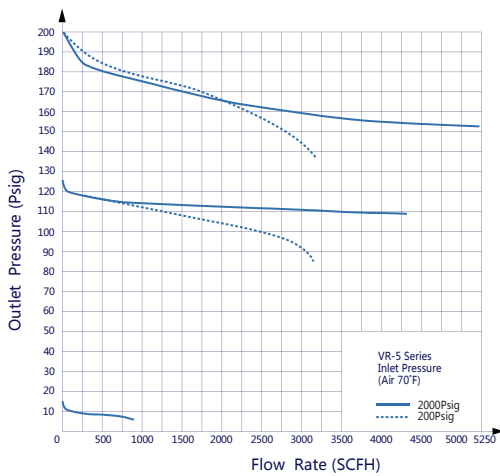
These extra heavy duty models are designed for heavy duty cutting, industrial applications, laboratory testing and manifold installations, etc.

### Product Features

- Single stage construction
- Body and housing cap are machined from class "A" brass bar stock
- Delrin cap bushing for smooth adjustments
- Self re-seating external pressure relief valve on oxygen, inert gas, air and hydrogen models
- Sintered bronze inlet filter
- 2-1/2" gauges for easy reading
- 3-1/4" diaphragm
- Weight: 7 lbs 10 oz



### Flow Chart



### Ordering Information

Model NO.	Gas Service	Max. Inlet Pressure (Psi)	Max. Delivery Pressure (Psi)	Inlet Gauge	Outlet Gauge	Inlet Connection	Outlet Connection
VR-5F-125	L.P. Gas	400	5-125	2-1/2", 400PSI	2-1/2", 200PSI	CGA 510	7/8"-14LH(M)
VR-5X-125	Oxygen	3000	5-125	2-1/2", 4000PSI	2-1/2", 200PSI	CGA 540	7/8"-14RH(M)
VR-5X-200	Oxygen	3000	10-200	2-1/2", 4000PSI	2-1/2", 400PSI	CGA 540	7/8"-14RH(M)
VR-5Y-15	Acetylene	400	2-15	2-1/2", 400PSI	2-1/2", 30PSI, RL	CGA 510	7/8"-14LH(M)
VR-5Y-15-3	Acetylene	400	2-15	2-1/2", 400PSI	2-1/2", 30PSI, RL	CGA 300	7/8"-14LH(M)
VR-5IN-125	Ar,He,N2	3000	5-125	2-1/2", 4000PSI	2-1/2", 200PSI	CGA 580	7/8"-14RH(M)
VR-5IN-200	Ar,He,N2	3000	10-200	2-1/2", 4000PSI	2-1/2", 400PSI	CGA 580	7/8"-14RH(M)
VR-5Q-125	Air	3000	5-125	2-1/2", 4000PSI	2-1/2", 200PSI	CGA 346	7/8"-14RH(M)
VR-5Q-200	Air	3000	10-200	2-1/2", 4000PSI	2-1/2", 400PSI	CGA 346	7/8"-14RH(M)
VR-5H-200	Hydrogen	3000	10-200	2-1/2", 4000PSI	2-1/2", 400PSI	CGA 350	7/8"-14LH(M)

# Cylinder Pressure Regulators

## VR-8 Series Single Stage Extra Heavy Duty Regulators

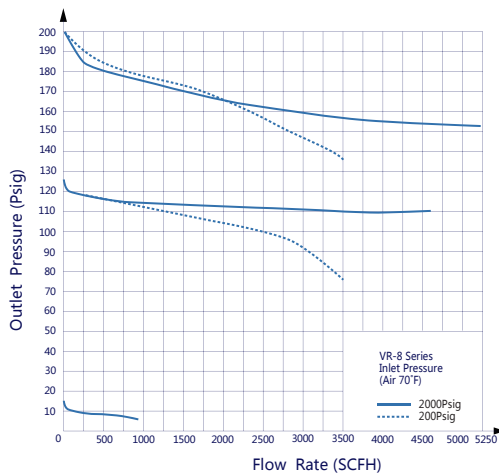
### Product Application

These extra heavy duty models are designed for heavy duty cutting, industrial applications, laboratory testing and manifold installations, etc.

### Product Features

- Single stage construction
- Body and housing cap are machined from class "A" brass bar stock
- Delrin cap bushing for smooth adjustments
- Self re-seating external pressure relief valve on oxygen, inert gas, air and hydrogen models
- Sintered bronze inlet filter
- 2-1/2" gauges for easy reading
- 3-1/4" diaphragm
- Weight: 7 lbs 10 oz

### Flow Chart



### Ordering Information

Model NO.	Gas Service	Max. Inlet Pressure (Psi)	Max. Delivery Pressure (Psi)	Inlet Gauge	Outlet Gauge	Inlet Connection	Outlet Connection
VR-8F-125	L.P. Gas	400	5-125	2-1/2", 400PSI	2-1/2", 200PSI	CGA 510	7/8"-14LH(M)
VR-8X-125	Oxygen	3000	5-125	2-1/2", 4000PSI	2-1/2", 200PSI	CGA 540	7/8"-14RH(M)
VR-8X-200	Oxygen	3000	10-200	2-1/2", 4000PSI	2-1/2", 400PSI	CGA 540	7/8"-14RH(M)
VR-8Y-15	Acetylene	400	2-15	2-1/2", 400PSI	2-1/2", 30PSI, RL	CGA 510	7/8"-14LH(M)
VR-8Y-15-3	Acetylene	400	2-15	2-1/2", 400PSI	2-1/2", 30PSI, RL	CGA 300	7/8"-14LH(M)
VR-8IN-125	Ar,He,N2	3000	5-125	2-1/2", 4000PSI	2-1/2", 200PSI	CGA 580	7/8"-14RH(M)
VR-8IN-200	Ar,He,N2	3000	10-200	2-1/2", 4000PSI	2-1/2", 400PSI	CGA 580	7/8"-14RH(M)
VR-8Q-125	Air	3000	5-125	2-1/2", 4000PSI	2-1/2", 200PSI	CGA 346	7/8"-14RH(M)
VR-8Q-200	Air	3000	10-200	2-1/2", 4000PSI	2-1/2", 400PSI	CGA 346	7/8"-14RH(M)
VR-8H-200	Hydrogen	3000	10-200	2-1/2", 4000PSI	2-1/2", 400PSI	CGA 350	7/8"-14LH(M)

# Cylinder Pressure Regulators

## VR-2T Series Two Stage Medium Duty Regulators

### Product Application

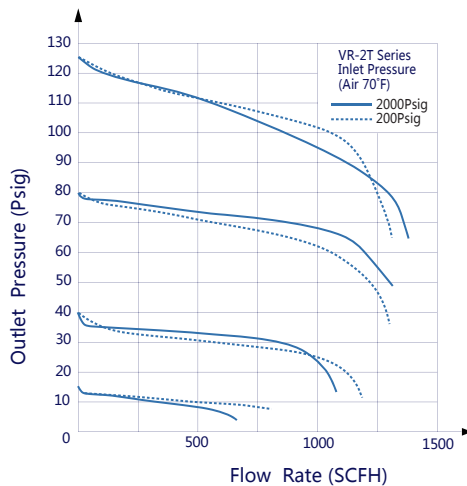
Designed for medium duty gas welding, cutting and heating applications, these two-stage regulators provide precise and constant delivery over a wide range of inlet pressures. Ideal for laboratory, welding, cutting and many other applications.

### Product Features

- Body and housing cap are machined from class "A" brass bar stock
- Delrin cap bushing for smooth adjustments
- Self re-seating external safety pressure relief valve
- Sintered bronze inlet filter
- Stem type seat assembly for more reliable performance
- 2" gauges for easy reading
- 1-1/4" & 2" diaphragms
- Weight: 4 lbs 10 oz



### Flow Chart



### Ordering Information

Model NO.	Gas Service	Max. Inlet Pressure (Psi)	Max. Delivery Pressure (Psi)	Inlet Gauge	Outlet Gauge	Inlet Connection	Outlet Connection
VR-2TF-80	L.P.Gas	400	4-80	2",400PSI	2",100PSI	CGA510	9/16"-18LH(M)
VR-2TX-80	Oxygen	3000	4-80	2",4000PSI	2",100PSI	CGA540	9/16"-18RH(M)
VR-2TY-15	Acetylene	400	2-15	2",400PSI	2",30PSI,RL	CGA510	9/16"-18LH(M)
VR-2TY-15-3	Acetylene	400	2-15	2",400PSI	2",30PSI,RL	CGA300	9/16"-18LH(M)
VR-2TIN-125	Ar,He,N2	3000	5-125	2",4000PSI	2",200PSI	CGA580	9/16"-18RH(F)
VR-2TQ-125	Air	3000	5-125	2",4000PSI	2",200PSI	CGA346	9/16"-18RH(M)

# High Pressure Piston Regulators

## VRP Series High Pressure Piston Regulators

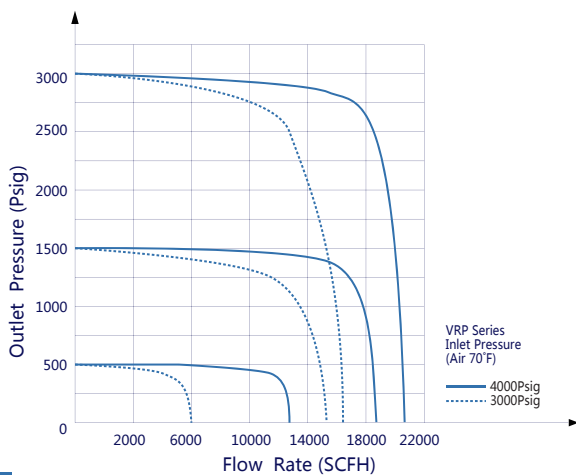
### Product Application

VRP Series High Pressure Piston Regulators feature a reliable piston design for precise gas control at high inlet and delivery pressures rating up to 3000 PSIG. The VRP series provides superior performance and safety features.

### Product Features

- Piston type construction
- Body and housing cap are machined from class "A" brass bar stock
- Delrin cap bushing for smooth adjustments
- Sintered bronze inlet filter
- 2-1/2" gauges
- Weight: 4 lbs

### Flow Chart



### Ordering Information

Model NO.	Gas Service	Max. Inlet Pressure (Psi)	Max. Delivery Pressure (Psi)	Inlet Gauge	Outlet Gauge	Inlet Connection	Outlet Connection
VRPX-750	Oxygen	3000	50-750	2-1/2",4000PSI	2-1/2",1000PSI	CGA540	7/8"-14RH(M)
VRPX-1500	Oxygen	3000	100-1500	2-1/2",4000PSI	2-1/2",3000PSI	CGA540	7/8"-14RH(M)
VRPX-3000	Oxygen	3000	200-3000	2-1/2",4000PSI	2-1/2",4000PSI	CGA540	7/8"-14RH(M)
VRPIN-750	Ar,He,N2	3000	50-750	2-1/2",4000PSI	2-1/2",1000PSI	CGA580	7/8"-14RH(M)
VRPIN-1500	Ar,He,N2	3000	100-1500	2-1/2",4000PSI	2-1/2",2000PSI	CGA580	7/8"-14RH(M)
VRPIN-3000	Ar,He,N2	3000	200-3000	2-1/2",4000PSI	2-1/2",4000PSI	CGA580	7/8"-14RH(M)
VRPIN-1500-680	Ar,He,N2	5500	100-1500	2-1/2",6000PSI	2-1/2",3000PSI	CGA680	7/8"-14RH(M)
VRPIN-3000-680	Ar,He,N2	5500	200-3000	2-1/2",6000PSI	2-1/2",4000PSI	CGA680	7/8"-14RH(M)
VRPIN-4500-680	Ar,He,N2	5500	300-4500	2-1/2",6000PSI	2-1/2",6000PSI	CGA680	7/8"-14RH(M)
VRPQ-1500	Air	3000	100-1500	2-1/2",4000PSI	2-1/2",2000PSI	CGA346	7/8"-14RH(M)
VRPQ-3000	Air	3000	200-3000	2-1/2",4000PSI	2-1/2",4000PSI	CGA346	7/8"-14RH(M)
VRPQ-1500-680	Air	5500	100-1500	2-1/2",6000PSI	2-1/2",3000PSI	CGA680	7/8"-14RH(M)
VRPQ-3000-680	Air	5500	200-3000	2-1/2",6000PSI	2-1/2",4000PSI	CGA680	7/8"-14RH(M)
VRPQ-4500-680	Air	5500	300-4500	2-1/2",6000PSI	2-1/2",6000PSI	CGA680	7/8"-14RH(M)
VRPH-750	Hydrogen	3000	50-750	2-1/2",4000PSI	2-1/2",1000PSI	CGA350	7/8"-14LH(M)
VRPH-1500	Hydrogen	3000	100-1500	2-1/2",4000PSI	2-1/2",3000PSI	CGA350	7/8"-14LH(M)
VRPH-3000	Hydrogen	3000	200-3000	2-1/2",4000PSI	2-1/2",4000PSI	CGA350	7/8"-14LH(M)



# Flow Gauge Regulators

## VFR-5 Series Flow Gauge Regulators

### Product Application

Designed for MIG & TIG applications and provide accurate regulation of gas flow, and reliable performance in commercial, industrial and laboratory applications.

### Product Features

- Accurate measurement of gas flow up to 100 SCFH
- Body and housing cap are machined from class "A" brass bar stock
- Lightweight, rugged construction
- Sintered bronze inlet filter
- Stem type seat assembly for more reliable performance
- Weight: 2 lbs 15 oz



### Ordering Information

Model NO.	Gas Service	Max. Inlet Pressure (Psi)	Max. Delivery Pressure (Psi)	Inlet Gauge	Outlet Gauge	Inlet Connection	Outlet Connection
VFR-5A-100	Argon	0-100		2", 4000PSI	2", 100SCFH	CGA580	5/8"-18RHF, 0.32 Orifice
VFR-5C-100	Carbon Dioxide	0-100		2", 4000PSI	2", 100SCFH	CGA320	5/8"Barb, 0.32 Orifice



# Flowmeter Regulators

## VFR-1 Series Flowmeter Regulators

### Product Application

VFR-1 series flowmeter regulators are designed for MIG & TIG applications and provide accurate regulation of gas flow. Provides reliable performance in commercial, industrial and laboratory applications.

### Product Features

- Combination of regulator and flowmeter as one unit
- Compact lightweight construction
- Piston type construction
- Body machined from class "A" brass bar stock
- Polycarbonate flow tube and outer cover are impact resistant
- for maximum durability and service life. Calibrated for Ar,CO2,
- He, N2 and Air gases
- Weight: 1 lb 10 oz



### Ordering Information

Model NO.	Gas Service	Flow capacity (SCFH)	Inlet Gauge	Flowmeter (SCFH)	Inlet Connection	Outlet Connection
VFR-1A-60	Argon	50	1-1/2", 4000PSI	60	CGA580	5/8"-18RH(F)
VFR-1HE-150	Helium	50	1-1/2", 4000PSI	150	CGA580	5/8"-18RH(F)
VFR-1C-60	Carbon Dioxide	50	1-1/2", 4000PSI	60	CGA320	5/8"-18RH(F)
VFR-1N-70	Nitrogen	50	1-1/2", 4000PSI	70	CGA580	5/8"-18RH(F)
VFR-1Q-70	Air	50	1-1/2", 4000PSI	70	CGA590	5/8"-18RH(F)

# Flowmeter Regulators

## VFR-2 Series Flowmeter Regulators

### Product Application

Designed for MIG & TIG applications and provide accurate regulation of gas flow. Provides reliable performance in commercial, industrial and laboratory applications.

### Product Features

- 0 - 60 SCFH Argon (Ar) flow, 0-150 SCFH Helium flow, 0 - 60 SCFH Carbon Dioxide (CO2) flow
- Polycarbonate flow tube and outer cover are impact resistant for maximum durability and service life
- Calibrated for Argon, Helium and Carbon Dioxide gases
- Flowmeter is backpressure compensated to ensure accurate readings when line restrictions are present
- 2" high-pressure gauge for easy reading
- Body machined from class "A" brass bar stock
- Chrome plated housing cap
- Internal safety pressure relief design
- Sintered bronze inlet filter
- Weight: 2 lbs 15 oz



### Ordering Information

Model NO.	Gas Service	Flow capacity (SCFH)	Inlet Gauge	Flowmeter (SCFH)	Inlet Connection	Outlet Connection
VFR-2A-60	Argon	50	2", 4000PSI	60	CGA580	5/8"-18RH(F)
VFR-2HE-150	Helium	50	2", 4000PSI	150	CGA580	5/8"-18RH(F)
VFR-2C-60	Carbon Dioxide	50	2", 4000PSI	60	CGA320	5/8"-18RH(F)

# Flowmeter Regulators

## VFR-2T Series Flowmeter Regulators

### Product Application

VFR-2T Series has two stage construction .Designed for MIG & TIG applications and provide accurate regulation of gas flow. Provides reliable performance in commercial, industrial and laboratory applications.

### Product Features

- 0 - 60 SCFH Argon (Ar) flow, 0-150 SCFH Helium flow, 0 - 60 SCFH Carbon Dioxide (CO2) flow
- Polycarbonate flow tube and outer cover are impact resistant for maximum durability and service life
- Calibrated for Argon, Helium and Carbon Dioxide gases
- Flowmeter is backpressure compensated to ensure accurate readings when line restrictions are present
- 2" high-pressure gauge for easy reading
- Body machined from class "A" brass bar stock
- Chrome plated housing cap
- Internal safety pressure relief design
- Sintered bronze inlet filter
- Weight: 2 lbs 15 oz



### Ordering Infomation

Model NO.	Gas Service	Flow capacity (SCFH)	Inlet Gauge	Flowmeter (SCFH)	Inlet Connection	Outlet Connection
VFR-2TA-60	Argon	50	2", 4000PSI	60	CGA580	5/8"-18RH(F)
VFR-2THE-150	Helium	50	2", 4000PSI	150	CGA580	5/8"-18RH(F)
VFR-2TC-60	Carbon Dioxide	50	2", 4000PSI	60	CGA320	5/8"-18RH(F)

# Flowmeter Regulators

## VFR-4 Series Electrically Heated Regulator

### Product Application

VFR-4 electrically heated regulator flowmeter for CO<sub>2</sub> is designed for applications requiring extremely high gas flow rates. Built-in, thermostatically-controlled, electric heater keeps the CO<sub>2</sub> warm, allowing for a continuous duty cycle without freezing.

### Product Features

- 110VAC / 190W heater is standard
- Voltage output will vary in some locations, so please specify your voltage requirements when ordering
- 0 - 60 SCFH flowmeter is backpressure compensated to ensure accurate reading when line restrictions are present
- Forged brass body and housing cap
- Sintered bronze inlet filter
- Weight: 4lbs 11oz



### Ordering Information

Model NO.	Gas Service	Flow capacity (SCFH)	Inlet Gauge	Flowmeter (SCFH)	Inlet Connection	Outlet Connection
VFR-4C-36V	Carbon Dioxide	50	2", 4000PSI	60	CGA320	5/8"-18RH(F)
VFR-4C-110V	Carbon Dioxide	50	2", 4000PSI	60	CGA320	5/8"-18RH(F)
VFR-4C-220V	Carbon Dioxide	50	2", 4000PSI	60	CGA320	5/8"-18RH(F)

# Flowmeter Regulators

## VFR-6 Series Flowmeter Regulators

### Product Application

Dual Flowmeter Regulators are designed for use in industries, MIG/TIG welding, and a variety of other applications.

### Product Features

- 0-60 SCFH for Argon and 0-150 SCFH for Helium
- Body machined from class "A" brass bar stock
- Single stage construction
- Monitoring two separate processes at the same time
- 2" gauge and two 195FM flowmeters
- Polycarbonate flow tube and outer cover are impact resistant for maximum durability and service life
- Weight: 4 lbs 10 oz



### Ordering Information

Model NO.	Gas Service	Flow capacity (SCFH)	Inlet Gauge	Flowmeter (SCFH)	Inlet Connection	Outlet Connection
VFR-6A-60	Argon	50	2", 4000PSI	60	CGA580	5/8"-18RH(F)
VFR-6HE-150	Helium	50	2", 4000PSI	150	CGA580	5/8"-18RH(F)

# Flowmeter Regulators

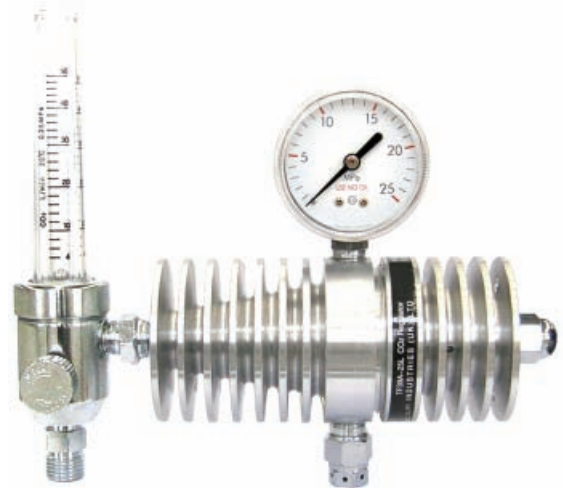
## VFR-9 Series Flowmeter Regulators

### Product Application

VFR-9 series radiator type regulator / flowmeter for CO<sub>2</sub> is designed for applications requiring extremely high gas flow rates.

### Product Features

- 0 - 60 SCFH CO<sub>2</sub> flow without freezing
- Flowmeter is backpressure compensated to ensure accurate reading when line restrictions are present
- Regulator is preset to deliver 50 PSI into the flowmeter which is calibrated to operate at 50 PSI
- Black anodized aluminum body
- Sintered bronze inlet filter
- Weight: 4lbs



### Ordering Information

Model NO.	Gas Service	Flow capacity (SCFH)	Inlet Gauge	Flowmeter (SCFH)	Inlet Connection	Outlet Connection
VFR-9C-60	Carbon Dioxide	60	2", 4000PSI	60	CGA320	5/8"-18RH(F)

# Flowmeters

## VFM-2 Series Flowmeters

### Product Application

VFM-2 Series flowmeters are designed for accurate regulation of gas flow. Backpressure compensated design insures accurate readings when line restrictions are present.

### Product Features

- Polycarbonate flow tube and outer cover are impact resistant for maximum durability and service life
- Calibrated for 0 - 60 SCFH argon flow, 0 - 60 SCFH CO2 flow
- Calibrated for 50 PSI inlet pressure
- Body machined from class "A" brass bar stock
- Easy adjustment brass knob for "fine-tune" flow settings
- Choice of inlet connections, 1/4" NPT male or 9/16"-18 RH female
- Weight: 1 lb 2 oz



### Ordering Information

Model NO.	Gas Service	Flow capacity (SCFH)	Flowmeter (SCFH)	Inlet Connection	Outlet Connection
VFM-2A-60	Argon	50	0-60 Ar	1/4" NPT(M)	5/8"-18RH(F)
VFM-2C-60	CO2	50	0-60 CO2	9/16"-18RH(F)	5/8"-18RH(F)



# Manifold Regulators

## VR-5M Series Manifold Regulators

### Product Application

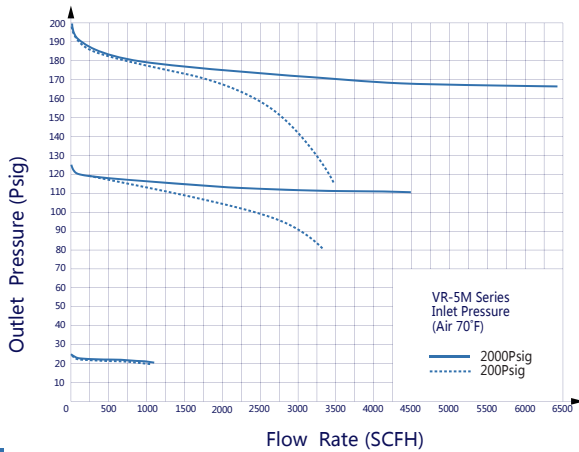
VR-5M Series Manifold Regulators are specially designed for manifold systems. They are ideal for use with extra heavy flow gas distribution systems.

### Product Features

- 2-1/2" gauges for easy reading
- 3-1/4" stainless steel diaphragm for accurate pressure delivery
- Delrin cap bushing for smooth adjustments
- Stem type seat assembly for more reliable performance
- Body and housing cap machined from class "A" brass bar stock
- Self re-seating external pressure relief valve on oxygen, inert gas, air, CO2 and hydrogen models
- Sintered bronze inlet filter
- Weight: 4 lbs 13 oz



### Flow Chart



### Ordering Information

Model NO.	Gas Service	Max. Inlet Pressure (Psi)	Max. Delivery Pressure (Psi)	Inlet Gauge	Outlet Gauge	Inlet Connection	Outlet Connection
VR-5MF-125	L.P. Gas	400	5-125	2-1/2", 400PSI	2-1/2", 200PSI	CGA 510	9/16" - 18LH(M)
VR-5MX-125	Oxygen	3000	5-125	2-1/2", 4000PSI	2-1/2", 200PSI	CGA 540	9/16" - 18RH(M)
VR-5MX-200	Oxygen	3000	10-200	2-1/2", 4000PSI	2-1/2", 400PSI	CGA 540	9/16" - 18RH(M)
VR-5MY-15	Acetylene	400	2-15	2-1/2", 400PSI	2-1/2", 30PSI, RL	CGA 510	9/16" - 18LH(M)
VR-5MY-15-3	Acetylene	400	2-15	2-1/2", 400PSI	2-1/2", 30PSI, RL	CGA 300	9/16" - 18LH(M)
VR-5MIN-125	Ar,He,N2	3000	5-125	2-1/2", 4000PSI	2-1/2", 200PSI	CGA 580	9/16" - 18RH(M)
VR-5MIN-200	Ar,He,N2	3000	10-200	2-1/2", 4000PSI	2-1/2", 400PSI	CGA 580	9/16" - 18RH(M)
VR-5MQ-125	Air	3000	5-125	2-1/2", 4000PSI	2-1/2", 200PSI	CGA 346	9/16" - 18RH(M)
VR-5MQ-200	Air	3000	10-200	2-1/2", 4000PSI	2-1/2", 400PSI	CGA 346	9/16" - 18RH(M)
VR-5MH-125	Hydrogen	3000	5-125	2-1/2", 4000PSI	2-1/2", 200PSI	CGA 350	9/16" - 18LH(M)
VR-5MH-200	Hydrogen	3000	10-200	2-1/2", 4000PSI	2-1/2", 400PSI	CGA 350	9/16" - 18LH(M)
VR-5MC-125	Carbon Dioxide	3000	5-125	2-1/2", 4000PSI	2-1/2", 200PSI	CGA 320	5/8" - 18RH(F)
VR-5MC-200	Carbon Dioxide	3000	10-200	2-1/2", 4000PSI	2-1/2", 400PSI	CGA 320	5/8" - 18RH(F)

# Pipeline Regulators

## VR-2L Series Pipeline Regulators

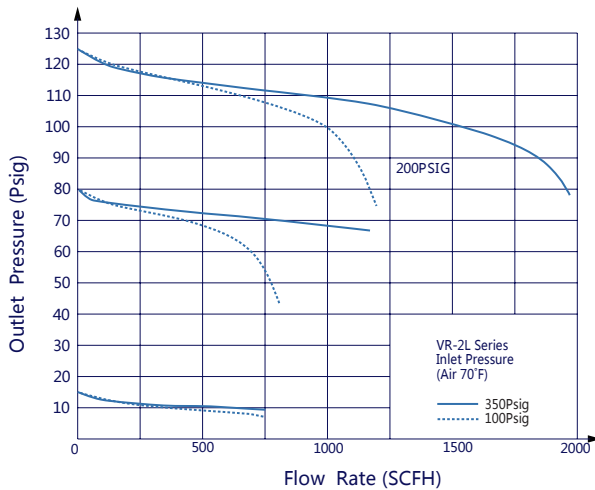
### Product Application

VR-2L Series is designed for use with gas distribution systems in light flow applications, with a maximum inlet pressure of 350 PSIG, and is suitable for light flow application. Not for use on cylinders.

### Product Features

- Body and housing cap are machined from class "A" brass bar stock
- Single stage construction
- Stem type seat assembly for more reliable performance
- Delrin cap bushing for smooth adjustments
- 2" gauge for easy reading
- 2" diaphragm
- Weight: 2 lbs

### Flow Chart



### Ordering Information

Model NO.	Gas Service	Max. Inlet Pressure (Psi)	Max. Delivery Pressure (Psi)	Inlet Gauge	Outlet Gauge	Inlet Connection	Outlet Connection
VR-2LF-80	L.P. Gas, Hydrogen	350	4-80	None	2", 100PSI	1/4" NPT(F) Port	1/4" NPT(F) Port
VR-2LX-80	Oxygen	350	4-80	None	2", 100PSI	1/4" NPT(F) Port	1/4" NPT(F) Port
VR-2LX-125	Oxygen	350	5-125	None	2", 200PSI	1/4" NPT(F) Port	1/4" NPT(F) Port
VR-2LX-200	Oxygen	350	10-200	None	2", 400PSI	1/4" NPT(F) Port	1/4" NPT(F) Port
VR-2LY-15	Acetylene	350	2-15	None	2", 30PSI, RL	1/4" NPT(F) Port	1/4" NPT(F) Port
VR-2LIN-125	Inert Gas	350	5-125	None	2", 200PSI	1/4" NPT(F) Port	1/4" NPT(F) Port
VR-2LC-125	CO2, Air	350	5-125	None	2", 200PSI	1/4" NPT(F) Port	1/4" NPT(F) Port

# Pipeline Regulators

## VR-7L Series Pipeline Regulators

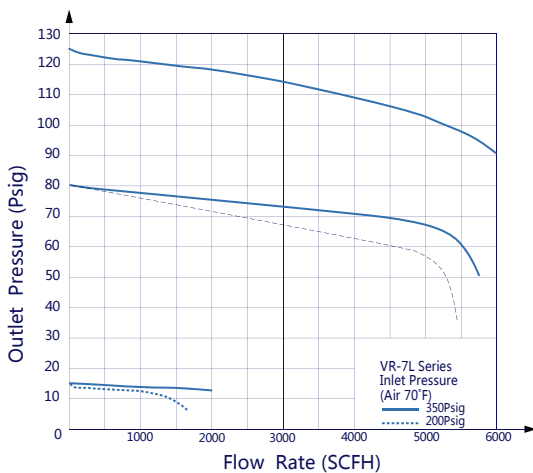
### Product Application

VR-7L series is designed for use with gas distribution systems in medium to heavy flow applications, with a maximum inlet pressure of 350 PSIG. Not for use on cylinders.

### Product Features

- Body and housing cap are machined from class "A" brass bar stock
- Single stage construction
- Stem type seat assembly for more reliable performance
- Delrin cap bushing for smooth adjustments
- 2" gauge for easy reading
- 2-3/4" diaphragm
- Weight: 3 lbs 5 oz

### Flow Chart



### Ordering Information

Model NO.	Gas Service	Max. Inlet Pressure (Psi)	Max. Delivery Pressure (Psi)	Inlet Gauge	Outlet Gauge	Inlet Connection	Outlet Connection
VR-7LF-125	L.P. Gas	350	5-125	None	2-1/2", 200PSI	1/4" NPT(F) Port	1/4" NPT(F) Port
VR-7LX-125	Oxygen	350	5-125	None	2-1/2", 200PSI	1/4" NPT(F) Port	1/4" NPT(F) Port
VR-7LY-15	Acetylene	350	2-15	None	2-1/2", 30PSI, RL	1/4" NPT(F) Port	1/4" NPT(F) Port

# Pipeline Regulators

## VR-5L Series Pipeline Regulators

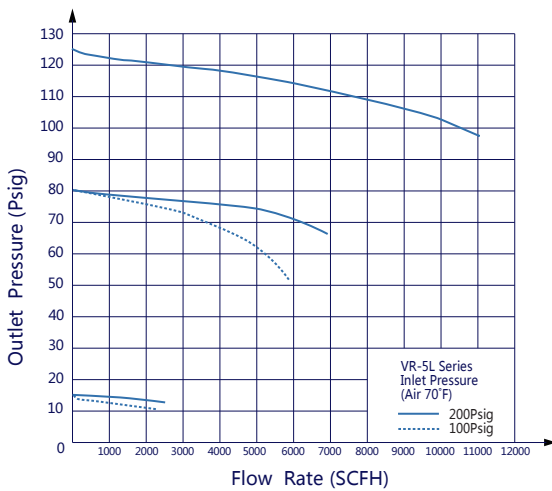
### Product Application

VR-5L Series is designed for use with heavy flow gas distribution systems, with a maximum inlet pressure of 350 PSIG. Not for use on cylinders.

### Product Features

- Body and housing cap are machined from class "A" brass bar stock
- Single stage construction
- Stem type seat assembly for more reliable performance
- Delrin cap bushing for smooth adjustments
- 2-1/2" gauge for easy reading
- 3-1/4" diaphragm
- Weight: 5 lbs 2 oz

### Flow Chart



### Ordering Information

Model NO.	Gas Service	Max. Inlet Pressure (Psi)	Max. Delivery Pressure (Psi)	Inlet Gauge	Outlet Gauge	Inlet Connection	Outlet Connection
VR-5LF-125	L.P.Gas	350	5-125	None	2-1/2", 200PSI	3/4"NPT(F) Port	3/4"NPT(F) Port
VR-5LF-200	L.P.Gas	350	10-200	None	2-1/2", 400PSI	3/4"NPT(F) Port	3/4"NPT(F) Port
VR-5LX-80	Oxygen	350	4-80	None	2-1/2", 100PSI	3/4"NPT(F) Port	3/4"NPT(F) Port
VR-5LX-125	Oxygen	350	5-125	None	2-1/2", 200PSI	3/4"NPT(F) Port	3/4"NPT(F) Port
VR-5LX-200	Oxygen	350	10-200	None	2-1/2", 400PSI	3/4"NPT(F) Port	3/4"NPT(F) Port
VR-5LY-15	Acetylene	350	2-15	None	2-1/2", 30PSI, RL	3/4"NPT(F) Port	3/4"NPT(F) Port
VR-5LIN-125	Inert Gas, CO2, Air	350	5-125	None	2-1/2", 200PSI	3/4"NPT(F) Port	3/4"NPT(F) Port
VR-5LIN-200	Inert Gas, CO2, Air	350	10-200	None	2-1/2", 400PSI	3/4"NPT(F) Port	3/4"NPT(F) Port

# Station Regulators

## VR-12S Series Station Regulators

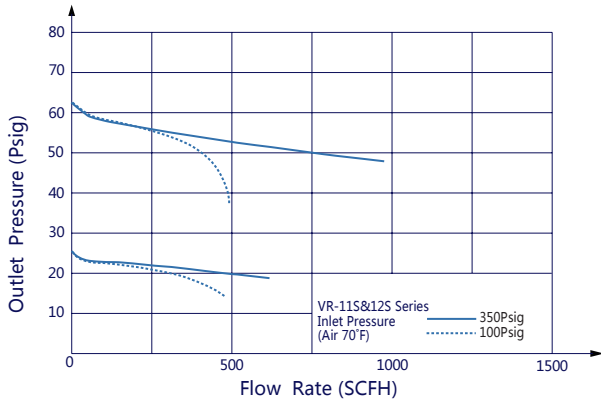
### Product Application

Designed for use with gas distribution systems with light to medium flow applications. Maximum inlet pressure of 200 PSIG. Not for use on cylinders.

### Product Features

- Body and housing cap are machined from class "A" brass bar stock
- Delrin cap bushing for smooth adjustments
- Single stage construction

### Flow Chart



### Ordering Information

Model NO.	Gas Service	Max. Inlet Pressure (Psi)	Max. Delivery Pressure (Psi)	Inlet Gauge	Outlet Gauge	Inlet Connection	Outlet Connection
VR-12SF-80	L.P. Gas	200	4-80	None	2", 100PSI	7/8"-14LH(F)	9/16"-18LH(M)
VR-12SF-125	L.P. Gas	200	5-125	None	2", 200PSI	7/8"-14LH(F)	9/16"-18LH(M)
VR-12SX-40	Oxygen	200	2-40	None	2", 60PSI	7/8"-14RH(F)	9/16"-18RH(M)
VR-12SX-80	Oxygen	200	4-80	None	2", 100PSI	7/8"-14RH(F)	9/16"-18RH(M)
VR-12SX-125	Oxygen	200	5-125	None	2", 200PSI	7/8"-14RH(F)	9/16"-18RH(M)
VR-12SY-15	Acetylene	200	2-15	None	2", 30PSI, RL	7/8"-14LH(F)	9/16"-18LH(M)
VR-12SIN-40	Air, Inert Gas, CO2	200	2-40	None	2", 60PSI	7/8"-14RH(M)	5/8"-18RH(F)
VR-12SIN-80	Air, Inert Gas, CO2	200	4-80	None	2", 100PSI	7/8"-14RH(M)	5/8"-18RH(F)
VR-12SIN-125	Air, Inert Gas, CO2	200	5-125	None	2", 200PSI	7/8"-14RH(M)	5/8"-18RH(F)
VR-12SIN-40FG	Air, Inert Gas, CO2	200	0-40 SCFH	None	0-40 SCFH	7/8"-14RH(M)	5/8"-18RH(F)

# Station Regulators

## VR-2S Series Station Regulators

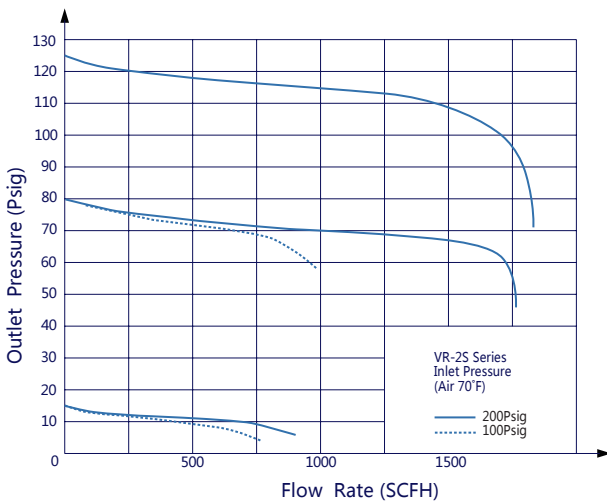
### Product Application

VR-2S Series Station Regulators Designed for use with gas distribution systems with light to medium flow applications. Maximum inlet pressure of 200 PSIG. Not for use on cylinders.

### Product Features

- Body and housing cap are machined from class "A" brass bar stock
- Delrin cap bushing for smooth adjustments
- Single stage construction

### Flow Chart



### Ordering Information

Model NO.	Gas Service	Max. Inlet Pressure (Psi)	Max. Delivery Pressure (Psi)	Inlet Gauge	Outlet Gauge	Inlet Connection	Outlet Connection
VR-2SF-80	L.P. Gas	200	4-80	None	2", 100PSI	7/8"-14LH(F)	9/16"-18LH(M)
VR-2SF-125	L.P. Gas	200	5-125	None	2", 200PSI	7/8"-14LH(F)	9/16"-18LH(M)
VR-2SX-40	Oxygen	200	2-40	None	2", 60PSI	7/8"-14RH(F)	9/16"-18RH(M)
VR-2SX-80	Oxygen	200	4-80	None	2", 100PSI	7/8"-14RH(F)	9/16"-18RH(M)
VR-2SX-125	Oxygen	200	5-125	None	2", 200PSI	7/8"-14RH(F)	9/16"-18RH(M)
VR-2SY-15	Acetylene	200	2-15	None	2", 30PSI, RL	7/8"-14LH(F)	9/16"-18LH(M)
VR-2SIN-40	Air, Inert Gas, CO2	200	2-40	None	2", 60PSI	7/8"-14RH(M)	5/8"-18RH(F)
VR-2SIN-80	Air, Inert Gas, CO2	200	4-80	None	2", 100PSI	7/8"-14RH(M)	5/8"-18RH(F)
VR-2SIN-125	Air, Inert Gas, CO2	200	5-125	None	2", 200PSI	7/8"-14RH(M)	5/8"-18RH(F)
VR-2SIN-40FG	Air, Inert Gas, CO2	200	0-40 SCFH	None	0-40 SCFH	7/8"-14RH(M)	5/8"-18RH(F)

# Station Regulators

## VR-2SR Series Station Regulators

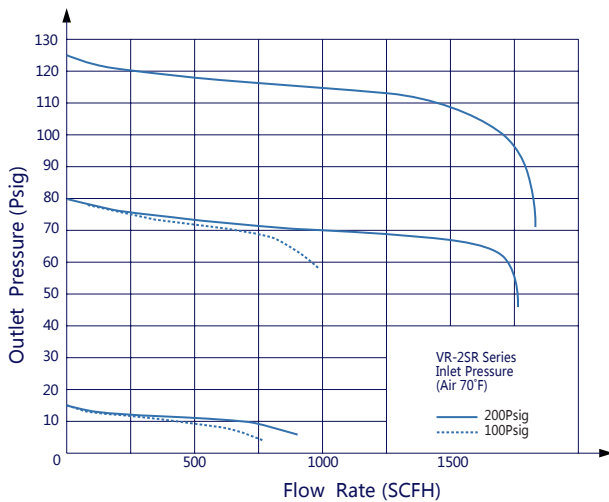
### Product Application

Designed for medium to high flow gas distribution systems in medium to heavy duty flow applications. Maximum inlet pressure of 200 PSIG. Not for use on cylinders.

### Product Features

- Body and housing cap are machined from class "A" brass bar stock
- Single stage construction Rear entry 2-1/2" gauge for easy reading
- Weight: 2 lbs 5 oz

### Flow Chart



### Ordering Information

Model NO.	Gas Service	Max. Inlet Pressure (Psi)	Max. Delivery Pressure (Psi)	Inlet Gauge	Outlet Gauge	Inlet Connection	Outlet Connection
VR-2SRF-80	L.P. Gas	200	4-80	None	2-1/2", 100PSI	7/8"-14LH(F)	9/16"-18LH(M)
VR-2SRIN-80	Inert Gas	200	4-80	None	2-1/2", 100PSI	7/8"-14RH(M)	5/8"-18RH(F)
VR-2SRIN-125	Inert Gas	200	5-125	None	2-1/2", 200PSI	7/8"-14RH(M)	5/8"-18RH(F)
VR-2SRX-80	Oxygen	200	4-80	None	2-1/2", 100PSI	7/8"-14RH(F)	9/16"-18RH(M)
VR-2SRX-125	Oxygen	200	5-125	None	2-1/2", 200PSI	7/8"-14RH(F)	9/16"-18RH(M)
VR-2SRY-15	Acetylene	200	2-15	None	2-1/2", 30PSI, RL	7/8"-14LH(F)	9/16"-18LH(M)



# Manifold

## V2M Series Simplex Type Manifold

### Product Application

V2M Series Simplex Type Manifold System is designed for a single source of gas supply from one cylinder bank. Although this system can be used as a main delivery system, it is typically used in industrial and medical applications as a high pressure emergency back-up system for liquid vessel or bulk systems.

### Product Features

- Open-style manifold.
- System can be designed for right or left-hand direction cylinder bank.
- Silver brazing on piping joints for maximum leak prevention.
- System is designed to accommodate future expansion needs.
- Pressure switch port is available.
- Wall or stand mount are available.



### Ordering Information

Series	Cylinder quantities	Cylinder Trend	Gas services	Mounting
V2M	-N N=1,2,3...	L L:left R:right	-C X:oxygen Y: Acetylene F: L.P. Gas IN: Inert Gas C: Carbon Dioxide	W W: Wall mount S: stand mount

## Product Application

V3M series single manifold system consists of a main gas delivery bank and a reserve bank of cylinders. When the primary cylinder bank is depleted, manually "turn off" the valve on the primary bank and open the valve on the reserve bank to reactivate gas flow. The changeover of this system needs to be operated manually.

## Product Features

- Open-style manifold.
- Silver brazing on piping joints for maximum leak prevention.
- System is designed to accommodate future expansion needs.
- Pressure switch port is available.
- Easy Installation.
- Wall or stand mount are available.



## Ordering Information

Series	Left Cylinder quantities	Right Cylinder quantities	Gas services	Mounting
V3M	-N N=1,2,3	-N N=1,2,3...	-C X: oxygen Y: Acetylene F: L.P. Gas IN: Inert Gas C: Carbon Dioxide	W W: Wall mount S: stand mount

# Manifold

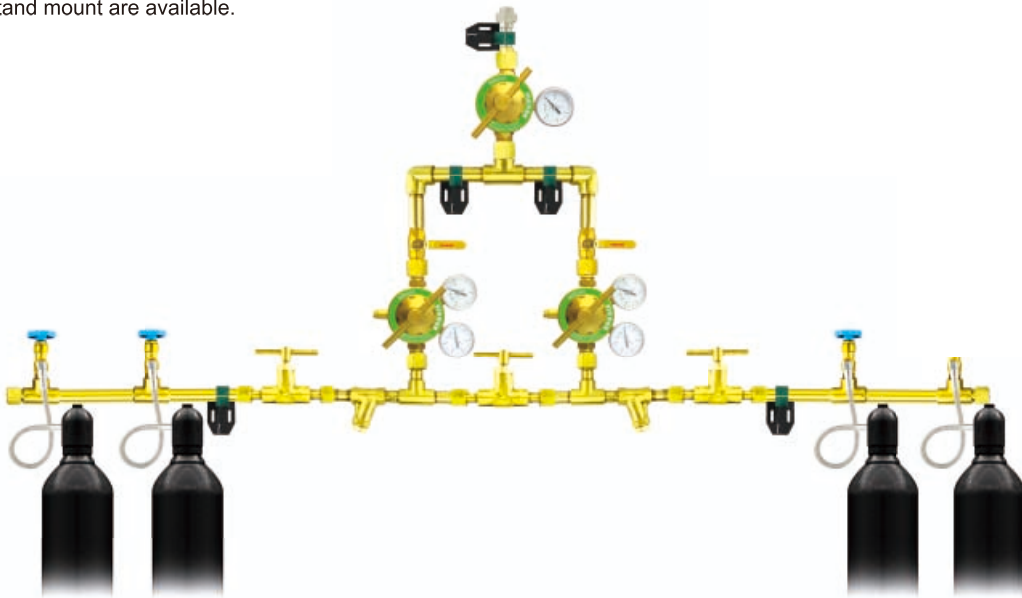
## V4M Series Semi-Automatic Manifold

### Product Application

V4M series manifold system is designed to provide an uninterrupted gas supply. It consists of a primary bank and a reserve bank of cylinders. When the primary cylinder bank is depleted, the changeover takes place automatically to provide continuous supply of gas from the reserve bank. Upon changing the cylinders, the regulators on both banks need to be re-adjusted in order for the changeover to occur automatically next time.

### Product Features

- Open-style manifold.
- Secondary regulator for constant high flow delivery pressure to the pipeline.
- Silver brazing on piping joints for maximum leak prevention.
- System is designed to accommodate future expansion needs.
- Unique changeover valve provides uninterrupted supply of gas from primary and reserve banks.
- Pressure switch port is available.
- Easy installation.
- Wall or stand mount are available.



### Ordering Information

Series	Left Cylinder quantities	Right Cylinder quantities	Gas services	Mounting
V4M	-N N=1,2,3	-N N=1,2,3...	-C X: oxygen Y: Acetylene F: L.P. Gas IN: Inert Gas C: Carbon Dioxide	W W: Wall mount S: stand mount

# Manifold

## V5M Series Automatic Manifold

### Product Application

V5M Series automatic manifold system is designed to provide an uninterrupted gas supply without any manual adjustments. This system automatically changes over when the primary cylinder bank is depleted. Even in case of power failure, the system continues to supply gas without interruption.

### Product Features

#### Automatic Changeover System

- Fully enclosed, tamper-resistant metal cabinet.
- Pressure switch control.
- Light indicators provide system status.
- Systems for fuel gas come with an Anti-explosive device.
- Remote alarm panels are available as an option.
- Pressure switch port is available.

#### Pipeline

- Open-style manifold.
- Silver brazing on piping joints for maximum leak prevention.
- System is designed to accommodate future expansion needs.
- Unique changeover valve provides uninterrupted supply of gas from primary and reserve banks.
- Easy Installation.
- Wall or floor mount are available.



### Ordering Information

Series	Left Cylinder quantities	Right Cylinder quantities	Gas services	Mounting
V5M	-N N=1,2,3	-N N=1,2,3...	-C X: oxygen Y: Acetylene F: L.P. Gas IN: Inert Gas C: Carbon Dioxide	W W: Wall mount S: stand mount

# Manifold

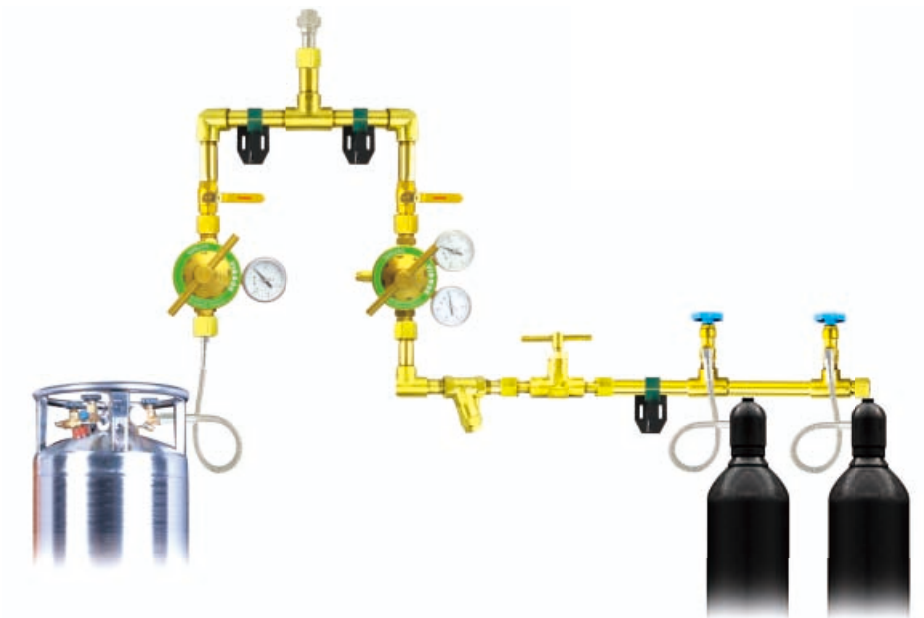
## V6M Series Semi Automatic Manifold Systems For Liquid Vessel

### Product Application

V6M series manifold system is designed specifically for liquid vessels to provide an uninterrupted gas supply. When the primary liquid vessel is depleted, the changeover takes place automatically to provide continuous supply of gas from the reserve bank. Upon changing the cylinders, the regulators on both banks need to be re-adjusted in order for the changeover to occur automatically next time.

### Product Features

- Semi-automatic changeover control.
- Unique changeover valve provide uninterrupted supply of gas from primary and reserve banks.
- Easy Installation.
- Check valve on liquid vessel side to prevent high pressure reverse flow to liquid regulator.
- Relief valve at outlet for protecting downstream piping.



### Ordering Information

Series	Right Cylinder quantities	Gas services	Mounting
V6M	-N N=1,2,3...	-C X:oxygen Y: Acetylene F: L.P. Gas IN: Inert Gas C: Carbon Dioxide	W W: Wall mount S: stand mount

## Product Application

V7M Series Pressure Control Panel is designed for a single source of gas supply from one cylinder bank. Although this system can be used as a main delivery system, it is typically used in industrial and medical applications as a high pressure emergency back-up system for liquid vessel or bulk systems.

## Product Features

- Open-style Pressure Control Panel.
- Suitable for inlet pressure values up to 300 bar
- System can be designed for right or left-hand direction cylinder bank.
- Modular is designed to accommodate future expansion needs.
- Pressure switch port is available.
- Wall mount is available and easy for gas cylinders



## Ordering Information

Series	Cylinder quantities	Cylinder Trend	Gas services
V7M	-N N=1,2,3...	L L:left R:right	-C X:oxygen Y: Acetylene F: L.P. Gas IN: Inert Gas C: Carbon Dioxide

# Manifold

## V8M Series single manifolds

### Product Application

V8M Series Pressure Control Panel consists of a main gas delivery bank and a reserve bank of cylinders. When the primary cylinder bank is depleted, manually “turn off” the valve on the primary bank and open the valve on the reserve bank to reactivate gas flow. The changeover of this system needs to be operated manually.

### Product Features

- Open-style Pressure Control Panel.
- Suitable for inlet pressure values up to 300 bar
- Modular is designed to accommodate future expansion needs.
- Pressure switch port is available.
- Wall mount is available and easy for gas cylinders



### Ordering Information

Series	Left Cylinder quantities	Right Cylinder quantities	Gas services
V8M	-N N=1,2,3	-N N=1,2,3...	-C X: oxygen Y: Acetylene F: L.P. Gas IN: Inert Gas C: Carbon Dioxide



# Manifold V9M Series Semi-Automatic Manifold

## Product Application

V9M Series automatic manifold system is designed to provide an uninterrupted gas supply without any manual adjustments. This system automatically changes over when the primary cylinder bank is depleted. Even in case of power failure, the system continues to supply gas without interruption.

## Product Features

- Pressure control Systems with automatic switch-over function
- Open-style Pressure Control Panel.
- Suitable for inlet pressure values up to 300 bar
- Modular is designed to accommodate future expansion needs.
- Pressure switch port is available.
- Wall mount is available and easy for gas cylinders



## Ordering Information

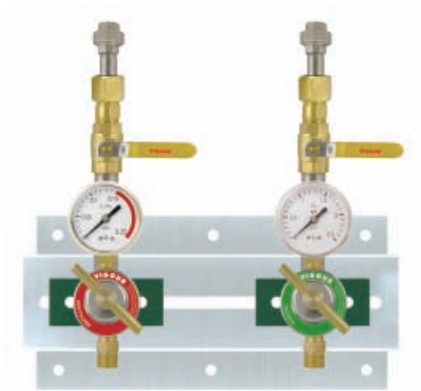
Series	Left Cylinder quantities	Right Cylinder quantities	Gas services
V9M	-N N=1,2,3	-N N=1,2,3...	

# Gas Terminal

## VTS & VTL & VTB Gas Terminal

### Product Features

- Inlet connection: 1/2"NPT
- Station Regulators are available
- In-Line shut-off valves (Ball Valves) are available
- Check valves for oxygen and fuel gases are available
- Labeled for Gas Service



VTS Series



VTL Series



VTB Series

### Ordering Information

Series	Gas services	Gas quantities	Options
VTS	-C	-N	-FA
VTS	X: oxygen	N=1,2,3...	FA: Flashback Arrestor
VTL	Y: Acetylene		R: Regulator
VTB	F: L.P. Gas		FM: Flowmeter
	IN: Inert Gas		
	C: Carbon Dioxide		

# Check Valves / Flashback Arrestor

## VCV series Check Valves / VFB series Flashback Arrestor

### VCV series Check Valves

#### Product Application

Check Valves prevent reverse flow of gases which can cause dangerous mixtures. Choose from two styles to fit your needs: VCV7 series attach to the torch ,VCV9 series attach to the current regulator outlet bushings



Series	Gas services
VCV7	O
VCV7: Torch    VCV9: Regulator	O: Oxygen    F: Fuel Gas

### VFB series Flashback Arrestor

#### Product Application

Flashback Arrestors are specially designed to prevent personal injury and damage to equipment from the severe flashback. Flashback Arrestors are available for regulators, torches and pipes

- Sintered Metal Flame Arresting Filter to quench the flame from severe flashback
- Built-in automatic reset Non-return Valve to prevent reverse flow of gases by temporarily cutting off the gasses.



Model NO.	Gas Service	Working Pressure (Psi)	Capacity Flow (Scfh)	Inlet Gauge	Outlet Gauge	Application
VFB-16RO	Oxygen	145	706	M16×1.5RH(F)	M16×1.5RH(M)	Regulators
VFB-12RO				M12×1.25RH(F)	M12×1.25RH(M)	
VFB-83RO				G3/8"-RH(F)	G3/8"-RH(M)	
VFB-85RO				5/8"-18RH(F)	5/8"-18RH(M)	
VFB-91RO				9/16"-18RH(F)	9/16"-18RH(M)	
VFB-16RF	Acetylene Propane, Natural Gas	15	70	M16×1.5LH(F)	M16×1.5LH(M)	Regulators
VFB-12RF				M12×1.25LH(F)	M12×1.25LH(M)	
VFB-83RF				G3/8"-LH(F)	G3/8"-LH(M)	
VFB-85RF				5/8"-18LH(F)	5/8"-18LH(M)	
VFB-91RF				9/16"-18LH(F)	9/16"-18LH(M)	
VFB-16TO	Oxygen	145	706	M16×1.5RH(M)	M16×1.5RH(F)	Torches
VFB-12TO				M12×1.25RH(M)	M12×1.25RH(F)	
VFB-83TO				G3/8"-RH(M)	G3/8"-RH(F)	
VFB-85TO				5/8"-18RH(M)	5/8"-18RH(F)	
VFB-91TO				9/16"-18RH(M)	9/16"-18RH(F)	
VFB-16TF	Acetylene, Propane, Natural Gas	15	70	M16×1.5LH(M)	M16×1.5LH(F)	Torches
VFB-12TF				M12×1.25LH(M)	M12×1.25LH(F)	
VFB-83TF				G3/8"-LH(M)	G3/8"-LH(F)	
VFB-85TF				5/8"-18LH(M)	5/8"-18LH(F)	
VFB-91TF				9/16"-18LH(M)	9/16"-18LH(F)	
VFB-16PO	Oxygen	145	1240	M16×1.5RH(F)	M16×1.5RH(M)	Pipes
VFB-12PO				M12×1.25RH(F)	M12×1.25RH(M)	
VFB-83PO				G3/8"-RH(F)	G3/8"-RH(M)	
VFB-91PO				G9/16"-18RH(F)	G9/16"-18RH(M)	
VFB-16PF	Acetylene, Propane, Natural Gas	15	350	M16×1.5LH(F)	M16×1.5LH(M)	Pipes
VFB-12PF				M12×1.25LH(F)	M12×1.25LH(M)	
VFB-83PF				G3/8"-LH(F)	G3/8"-LH(M)	
VFB-91PF				9/16"-18LH(F)	9/16"-18LH(M)	

# Gas Mixers & Pressure Gauges

## VMX series Gas Mixers & VG Series Pressure Gauges

### VMX series Gas Mixers

- Design for the industrial manufacture of welding gas mixture
- output pressure, flow stability, easy operation
- the ratio of precision: 2.5%4. the ratio of such devices is the ratio of
- two gases mix in accordance with certain devices
- for argon, nitrogen, helium, carbon dioxide
- inlet pressure :0.4-1MPa
- Dimension: 178MM \* 300MM \* 240MM
- Weight: 5.2Kg



Model NO.	Gas Service	MAX.Delivery	Mixing.Ratio	Inlet Connection	Outlet Connection
VMX-50	Argon,Carbon Dioxide	50	0~50%Carbon Dioxide,other Argon	M16*1.5RH(M)	M16*1.5RH(M)
VMX-100	Argon,Carbon Dioxide	100	0~50%Carbon Dioxide,other Argon	M16*1.5RH(M)	M16*1.5RH(M)
VMX1-100	Argon,Helium	100	0~20%Argon,other Helium	M16*1.5RH(M)	M16*1.5RH(M)
VMX1-200	Argon,Helium	200	0~20%Argon,other Helium	M16*1.5RH(M)	M16*1.5RH(M)
VMX3-50	Carbon Dioxide,Nitrogen	50	0~50%Carbon Dioxide,other Nitrogen	M16*1.5RH(M)	M16*1.5RH(M)
VMX3-100	Carbon Dioxide,Nitrogen	100	0~50%Carbon Dioxide,other Nitrogen	M16*1.5RH(M)	M16*1.5RH(M)

### VG Series Pressure Gauges

#### Product Application

VIGOUR Pressure Gauges are designed to handle all applications of machine cutting. VIGOUR Pressure Gauges are manufactured to strict quality standards and provide accuracy & reliability for use in O.E.M. and replacement applications. VIGOUR Pressure Gauges offer you the option of Single Scale (PSI), or Dual Scale (PSI & kPa & Bar) to fulfill a much wider range of applications.



#### Ordering Information

Series	Sizes	Scale Ranges	Gas services	Entry Type
VG	15	-100	-C	-S
	15:1.5"	30:0-30 PSI Red	X:oxygen	S:Side
	20:2.0"	100:0-100 PSI	Y: Acetylene	R:Rear
	25: 2.5"	200:0-200 PSI	C: Carbon Dioxide	
		400:0-400 PSI		
		3000:0-3000 PSI		
		4000:0-4000 PSI		

# Torches & Cutting tips

## TORCH HANDLES

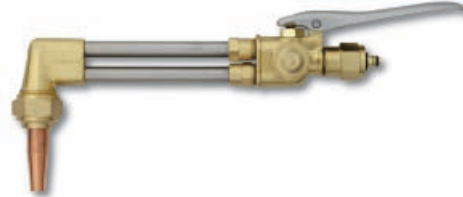
Torch Handles are available in light, medium, heavy duty models. Torch handles are machined from high-quality forged brass. Threaded construction facilitates easy repairs and servicing. These series feature tube-in-a-tube design within the torch handle.



Model	Victor® equivalent	Weight	Length	Description
VT100-H	315C	18oz	8-1/2"	Standard valves,for general purpose use(heavy duty)
VT100-M	100C	13.4oz	7-3/4"	Standard valves,for general purpose use(medium duty)
VT100-L	J-100C	13.3oz	7-3/4"	Standard valves,for general purpose use(light duty)

## CUTTING ATTACHMENTS

Cutting Attachments are made from high quality die-forged brass.they are available in light,medium, duty models. Featuring tube mix design, can be used with acetylene, propane, MAPP ®,propylene, fuel gases, and natural gas



Model	Victor® equivalent	Use tips (acetylene)	Use tips (propane)	Fits torch handle	Cutting capacity range	Weight
VC100-H	CA2460	V1-101 series	VGPN series	VT100-H	8"	30oz
VC100-M	CA1350	V3-101 series	V3-GPN series	VT100-M	6"	14oz
VC100-L	CA1260	V3-101 series	V3-GPN series	VT100-L	3"	13oz

## OXY-ACETYLENE &

### OXY-HYDROGEN WELDING NOZZLES

Red copper tip ends,Ideal for soldering, brazing, heating, etc.



Model	Victor® equivalent	Sizes available	Fits torch handle
VW	W	000-6	VT100-H
VW-1	W-1	000-6	VT100-M
VW-J	W-J	000-6	VT100-L

## OXY-PROPANE &

### OXY-NATURAL WELDING NOZZLES

Uses replaceable tip ends,Ideal for brazing,heating, etc.



Model	Victor® equivalent	Sizes available	Fits torch handle
TRTEN	RTEN	0,2,4,6,8	VT100-H
TRTEN-1		0,2,4,6	VT100-M
TRTEN-J		0,2,4,6	VT100-L

## WELDING NOZZLE DATA

Tip size	Metal thickness	Drill size	Oxygen(psi)	Acetylene(psi)
000	1-1/32"	0.022"	3/5	3/5
00	1/16"-3/64	0.028"	3/5	3/5
0	1/32"-5/64	0.035"	3/5	3/5
1	1/64"-3/32	0.040"	3/5	3/5
2	1/16"-1/8	0.046"	3/5	3/5
3	1/8"-3/16	0.060"	4/7	3/6
4	1/16"-1/4	0.073"	5/10	4/7
5	1/4"-1/2	0.089"	5/10	5/8
6	1/2"-3/4	0.106"	7/14	6/9

# Torches & Cutting tips

## OXY ACETYLENE & OXY-HYDROGEN HEATING NOZZLES

Ideal for preheating, straightening, etc.



Model	Victor® equivalent	Sizes available	Fits torch handle
VMFA	MFA	4,6,8,10,12,15	VT100-H
VMFA-1	MFA-1	2,4,6,8	VT100-M
VMFA-J	MFA-J	2,4,6	VT100-L

## OXY-PROPANE & OXY-NATURAL GAS HEATING NOZZLES

Ideal for preheating, straightening, etc.



Model	Victor® equivalent	Sizes available	Fits torch handle
VMFN	MFN	8,10,12,15,20	VT100-H
VMFN-1	MFN-1	6	VT100-M
VMFN-J	MFN-J	6	VT100-L

## CUTTING TIPS

Cutting Tips are precision machined from high quality copper alloys for durability. The gas passages for single piece acetylene tips are accurately, swage-formed and shaped on polished mandrels for smooth, efficient gas flow. Two piece tips for alternate fuel gases feature an internal spline configuration that is of the latest design, offering the optimum in cutting performance. All tips are 100% flame tested.



## ACETYLENE CUTTING TIPS

Model	Victor® equivalent	Sizes available	Fits torch handle
V1-101	1-101	000-8	VC100-H
V3-101	3-101	000-6	VC100-M, VC100-L

## T1-101, T3-101 SERIES CUTTING TIPS DATA

Tip size	Metal thickness	Cutting speed (in/min)	Cutting oxygen (psi)	Acetylene (psi)
00	1/4"	27/30	20/25	3/5
0	1/2"	20/24	30/35	3/5
1	3/4"	17/21	35/40	3/5
2	1-1/2"	13/17	40/45	3/7
3	2-1/2"	10/13	45/50	4/10
4	3"	9/12	45/50	5/10
5	5"	7/9	50/55	5/13
6	8"	6/8	45/55	7/14
7	10"	4/5	45/55	10/15
8	12"	3/5	45/55	10/15

# Torches & Cutting tips

## MAPP PROPANE CUTTING TIPS



Model	Victor® equivalent	Sizes available	Fits torch handle
VGPN	GPN	000-6	VT100-H
V3-GPN	3-GPN	00-5	VT100-M, VT100-L

## TGPN, T3-GPN SERIES CUTTING TIPS DATA

Tip size	Metal thickness	Cutting speed (in/min)	Cutting oxygen (psi)	Fuel gas (psi)
000	1/8"	24/28	20/25	3/5
00	1/4"	21/25	20/25	3/5
0	1/2"	18/22	30/35	3/5
1	3/4"	15/20	30/35	4/6
2	1-1/2"	12/18	40/45	5/9
3	2-1/2"	19/14	45/50	6/10
4	3"	8/11	45/50	8/12
5	5"	6/9	50/55	8/12
6	8"	4/7	45/65	10/15

## HAND CUTTING TORCHES

Hand Cutting Torches are machined from high-quality forged brass. Model VV16 feature tube mix design. And can be used with any type fuel gases, such as acetylene, propane, natural gas, propylene and MAPP®, uses V1-101, VGPN series cutting tips



Model	Cutting range	Length/head angle	Victor® equivalent	Use cutting
VV16-S	14"	17/90	SST1600C	V1-101, VGPN
VV16-L	14"	21/90	ST1600C	V1-101, VGPN

Hand Cutting Torches are machined from high-quality forged brass. Model VH46 series has triangular tubes arrangement and are compatible to Harris® model VH46 series also has models available for oxy-acetylene, and oxy-propane cutting operations. Balanced design and rugged construction is ideal for medium or heavy duty cutting and scraping operations.



## OXY-ACETYLENE

Model	Cutting range	length	Head angle	Cutting tips
VH46-00	12"	18"	70°	V6290
VH46-01	12"	21"	70°	V6290
VH46-02	12"	36"	70°	V6290
VH46-10	12"	18"	90°	V6290
VH46-11	12"	21"	90°	V6290
VH46-11	12"	36"	90°	V6290
VH46-20	12"	18"	180°	V6290
VH46-21	12"	21"	180°	V6290
VH46-22	12"	36"	180°	V6290



## Torches & Cutting tips

### OXY-FUEL GAS

Model	Cutting range	length	Head angle	Cutting tips
VH46-30	12"	18"	70°	V6290NX
VH46-31	12"	21"	70°	V6290NX
VH46-32	12"	36"	70°	V6290NX
VH46-40	12"	18"	90°	V6290NX
VH46-41	12"	21"	90°	V6290NX
VH46-41	12"	36"	90°	V6290NX
VH46-50	12"	18"	180°	V6290NX
VH46-51	12"	21"	180°	V6290NX
VH46-52	12"	36"	180°	V6290NX

### CUTTING TIPS



Model	Harris <sup>®</sup> equivalent	Sizes available	Gas	Fits
V6290	6290	000-6	Acetylene	VH46 series
V6290NX	6290NX	000-6	MAPP <sup>®</sup> , Propane	VH46 series

### T6290 T6290NX SERIES CUTTING TIPS DATA

Tip size	Metal thickness	Oxygen(psi)	Fuel gas(psi)
000	3/16"	15/20	5/15
00	3/16"-3/8"	20/30	5/15
0	3/8"-5/8"	30/40	5/15
1	5/8"-1"	35/50	5/15
2	1"-2"	40/55	5/15
3	2"-3"	45/60	5/15
4	3"-6"	50/75	5/15
5	6"-8"	65/80	5/15
6	8"-12"	70/90	5/15

### HAND CUTTING TORCHES

Hand Cutting Torches are machined from high-quality forged brass. model VA-56 has inline tubes arrangement and can be used with any type fuel gases, such as acetylene, propane, natural gas, propylene and MAPP<sup>®</sup>



Model	Cutting range	Weight length	Cutting tips
VA56	14"	2lb.7oz/18"	VANME,VPNME

### HAND CUTTING TORCHES

Hand Cutting Torches are machined from high-quality forged brass. model VA-56 has inline tubes arrangement and can be used with any type fuel gases, such as acetylene, propane, natural gas, propylene and MAPP<sup>®</sup>



Model	Cutting range	Weight length	Cutting tips
VMK150	14"	2lb/18"	VANME,VPNME



# Torches & Cutting tips Packaged Welding & Cutting Outfits

## CUTTING TIPS



Model	Equivalent	Sizes available	Gas	Fits
VANME	ANME	1/32"-1/8"	Acetylene	VMK-150,VA56
VPNME	PNME	1/32"-1/8"	MAPP <sup>®</sup> ,Propane	VMK-150,VA56



## TANME TPNME SERIES CUTTING TIPS DATA

Tip size	Metal thickness	Oxygen(psi)	Fuel gas(psi)
1/32"	1/8"-1/4"	30/45	5/15
3/64"	1/4"-1/2"	35/50	5/15
1/16"	1/2"-3"	45/60	5/15
5/64"	3"-4"	50/65	5/15
3/32"	4"-6"	65/80	5/15
1/8"	6"-12"	80/110	5/15

## Packaged Welding & Cutting Outfits

Modular kit, mainly used for metal cutting, heat treatment, widely used in repair, shipbuilding, petrochemical, coal, construction and other industries, easy to carry



### VK-C30 packaged welding & cutting outfit

Cigweld type packaged welding & cutting outfit.

Ideal for medium duty applications: ship building, construction, petroleum and chemical industries

Kit contents :

- Oxygen regulator , Acetylene regulator
- Torch handle , Cutting attachment
- Mixer , Twin welding hose set-4.5m
- Welding tips-3pcs , Cutting tips-1pcs , Heating nozzle-1pcs
- Weld goggles , Flint lighter , Flashback arrestor-2pcs
- Heavy duty toolbox , Spanner , Roller guide , Tip cleaners

### VK-H30 packaged welding & cutting outfit

Harries type packaged welding & cutting outfit.

Ideal for medium duty applications: ship building, construction, petroleum and chemical industries

Kit contents :

- Oxygen regulator , Acetylene regulator
- Torch handle , Cutting attachment
- Mixer , Twin welding hose set-4.5m
- Welding tips-2pcs , Cutting tips-1pcs , Heating nozzle-1pcs
- Weld goggles , Flint lighter , Flashback arrestor-2pcs
- Heavy duty toolbox , Spanner , Tip cleaners

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