

S 700 Series

- Extra heavy duty
- Designed for gas distribution system (pipeline)
- Available for a wide range of gas services

DESIGN/CONSTRUCTION

- Forged brass body and housing cap
- 2.5" (63.5mm) gauges - brass
- Stem type seat mechanism
- 3.25" (82.6mm) diaphragm - fabric reinforced neoprene
- Delrin cap bushing for smooth adjustments

WARNING: The S 700 Series regulators have a maximum inlet pressure of 350 PSIG. Not for use on cylinders.

SAMPLE ORDERING INFORMATION

Model No.	Delivery Range	CGA Inlet Connection
S 700	D	996

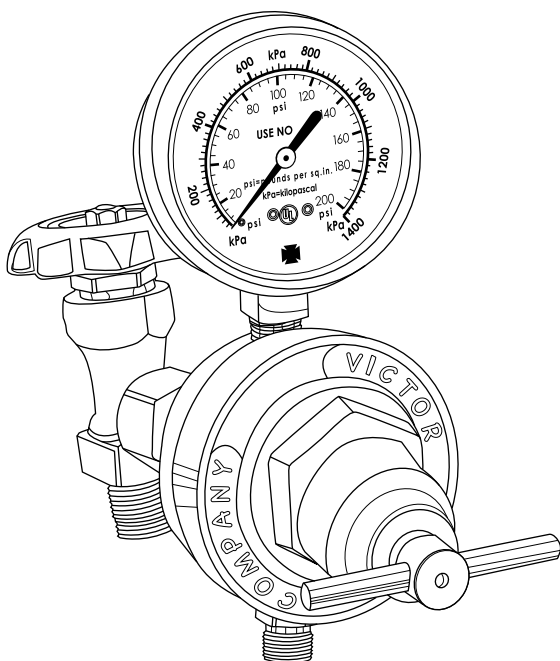
Gas Service	Model No.	Delivery Range (PSIG)	Part No.
Oxygen, Inert Gas, CO ₂	S 700D-996	5-125	0780-1273

Delivery Range Key:

A 2-15 PSIG B 20-40 PSIG
 C 4-80 PSIG D 5-125 PSIG CSR

Inlet Connection: 1"-11.5 NPS(F)

Outlet Connections: "C" 7/8"-14 (M)



S 350 Series

- Medium to heavy duty
- Gas distribution systems (pipeline)
- Wide range of delivery pressures available
- Matched to the CGA inlet connection for specific gas service and valve (See connection key on chart)

DIMENSIONS:side inlet: 5.5" W x 6.5" H x 5" D
(139.7mm x 165.1mm x 127.0mm)
rear inlet: 3" W x 6.5" H x 7" D
(76.2mm x 165.1mm x 177.8mm)

WEIGHT:3 lb. 5 oz. (1.50kg)

DESIGN/CONSTRUCTION

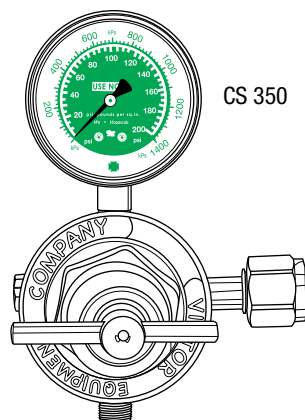
- Forged body and housing cap
- 2.5" (63.5mm) gauges - brass
- Stem type seat mechanism
- 2.75" (69.9mm) diaphragm - fabric reinforced neoprene

WARNING: The S 350 Series regulators have a maximum inlet pressure of 200 PSIG. Not for use on cylinders.

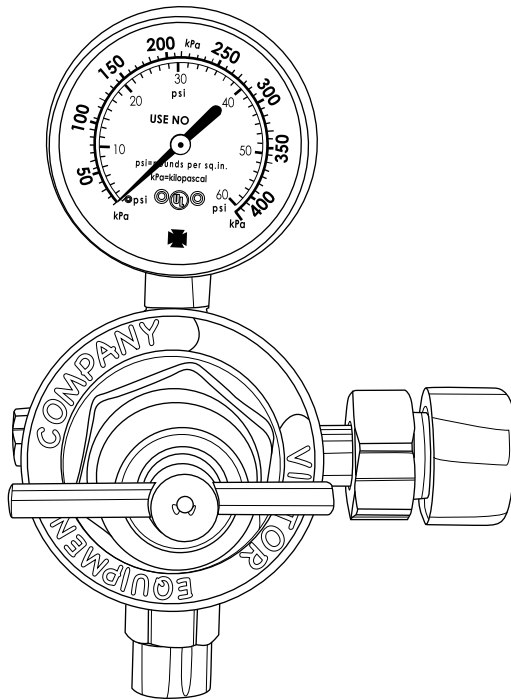
SAMPLE ORDERING INFORMATION

Model No.	Delivery Range	CGA Inlet Connection
S 350	D	024

Gas Service	Model No.	Delivery Range (PSIG)	Part No.
Oxygen	SIDE INLET S 350C-024	4-80	0781-2492
	S 350D-024	5-125	0781-2493
	REAR INLET S 350BR-024	2-40	0781-2458
	S 350CR-024	4-80	0781-2459
	S 350CR-024	4-80	0781-2460
	*CS 350DR-024	5-125	0781-2509
Inert Gas, CO ₂	REAR INLET S 350DR-034	5-125	0781-2465
Acetylene	SIDE INLET S 360A-025	2-15	0781-2500
Hydrogen, L.P. Gas	S 361C-025	4-80	0781-2505
	S 361D-025	5-125	0781-2506
Acetylene	REAR INLET S 360AR-025	2-15	0781-2472
Hydrogen, L.P. Gas	S 361CR-025	4-80	0781-2485
	S 361DR-025	5-125	0781-2486



Connections Key:
024: OXYGEN CGA Inlet Connection: 7/8"-14 RH(F) Outlet Connection: "B" 9/16"-18 RH(M)
025: FUEL GAS CGA Inlet Connection: 7/8"-14 LH(F) Outlet Connection: "B" 9/16"-18 LH(M)
034: INERT GAS CGA Inlet Connection: 7/8"-14 RH(M) Outlet Connection: 5/8"-18 (F)
Delivery Range Key: A 2-15 PSIG B 2-40 PSIG C 4-80 PSIG D 5-125 PSIG Regulators will deliver at least the stated upper range at no flow and in some cases may exceed the stated upper range.
*CS Green Gauges-Oxygen



S 250 Series

- Light duty application
- Designed for gas distribution system (pipeline)
- Available with CGA inlet 024, 025, and 034 inlet connections
- Wide range of gas service applications

DIMENSIONS:4" W x 6" H x 4.5" D
(101.6mm x 152.4mm x 114.3mm)

WEIGHT:.....2 lb. 6 oz. (1.14kg)

PERFORMANCE

Maximum inlet.....200 PSIG
Delivery ranges.....see chart

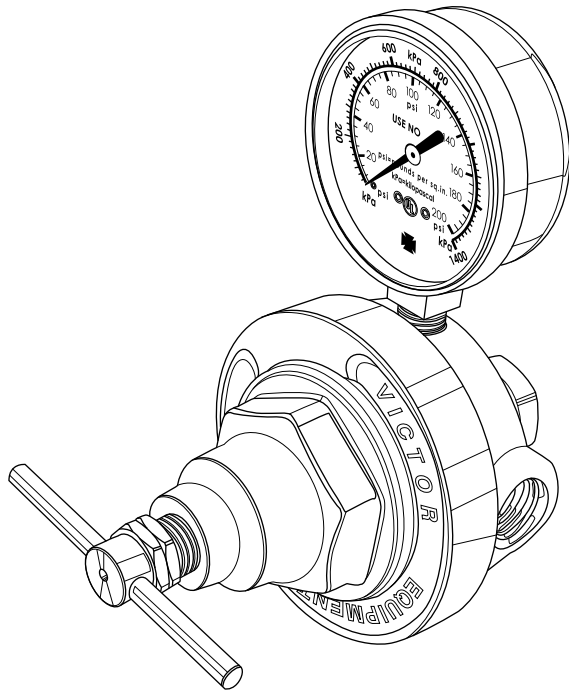
WARNING: Maximum inlet pressure 200 PSIG. Not for use on cylinders.

SAMPLE ORDERING INFORMATION

Model No.	Delivery Range	CGA Inlet Connection
S 250	A	024

Gas Service	Model No.	Delivery Range (PSIG)	Part No.
Oxygen	S 250B-024	2-40	0781-1253
	S 250C-024	4-80	0781-1254
	S 250D-024	5-125	0781-1255
Inert Gas, CO ₂ , N ₂ O	S 250D-034	5-125	0781-1248
	S 2570-034 With Flowmeter	-	0781-1245
Acetylene	S 260A-025	2-15	0781-1256
Hydrogen, L.P. Gas	S 261C-025	4-80	0781-1257
	S 261D-025	5-125	0781-1258

Connections Key: 024: OXYGEN CGA Inlet Connection: 7/8"-14 RH(F) Outlet Connection: "B" 9/16"-18 RH(M)
025: FUEL GAS CGA Inlet Connection: 7/8"-14 LH(F) Outlet Connection: "B" 9/16"-18 LH(M)
034: INERT GAS CGA Inlet Connection: 7/8"-14 RH(M) Outlet Connection: 5/8"-18 (F)
Delivery Range Key: A 2-15 PSIG B 2-40 PSIG C 4-80 PSIG D 5-125 PSIG CSR



L 700 Series

- Extra heavy duty
- Designed for gas distribution system (pipeline)
- Available in either 1/2" NPT(F) or 3/4" NPT(F) inlet

DIMENSIONS:4" W x 7" H x 6" D
(101.6mm x 177.8mm x 152.4mm)

WEIGHT:4 lb. 15 oz. (2.4kg)

DESIGN/CONSTRUCTION

- Forged brass body and housing cap
- 2.5" (63.5mm) gauges - brass
- Stem type seat mechanism
- 3.25" (82.6mm) diaphragm - fabric reinforced neoprene
- Delrin cap bushing for smooth adjustments

PERFORMANCE

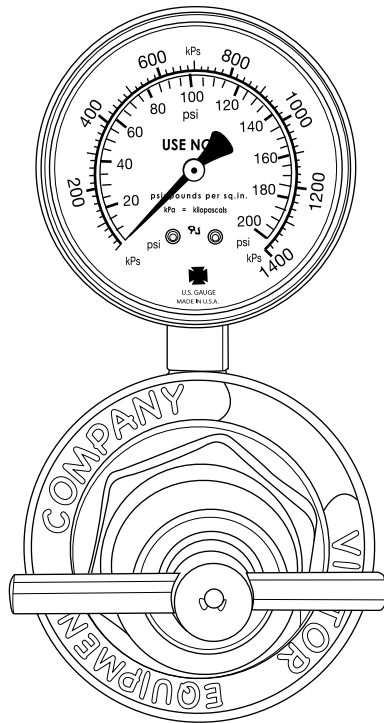
Maximum inlet.....350 PSIG
Delivery ranges.....see chart

WARNING: Maximum inlet pressure 350 PSIG. Not for use on cylinders.

SAMPLE ORDERING INFORMATION

Model No.	Delivery Range	Inlet Connection
L 700	C	500

Gas Service	Model No.	Delivery Range (PSIG)	Part No.	Inlet & Outlet Ports				
Air, Oxygen, Inert Gas, CO ₂ , N ₂ O	L 700C-500	4-80	0780-1229	1/2" NPT(F)				
	L 700C-750		0780-1220	3/4" NPT(F)				
	L 700D-500	5-125	0780-1207	1/2" NPT(F)				
	L 700D-500 PMT		0780-1236	1/2" NPT(F)				
	L 700D-750		0780-1209	3/4" NPT(F)				
	L 700E-500	10-200	0780-1221	1/2" NPT(F)				
L 700E-750	0780-1222		3/4" NPT(F)					
Acetylene	L 710A-500 L 710A-750	2-15	0780-1233 0780-1201	1/2" NPT(F) 3/4" NPT(F)				
Hydrogen, L.P. Gas	L 711D-500	4-80 5-125	0780-1199	1/2" NPT(F)				
Delivery Range Key:								
<table> <tr> <td>A 2-15 PSIG</td> <td>C 4-80 PSIG</td> </tr> <tr> <td>D 5-125 PSIG</td> <td>E 10-200 PSIG</td> </tr> </table>					A 2-15 PSIG	C 4-80 PSIG	D 5-125 PSIG	E 10-200 PSIG
A 2-15 PSIG	C 4-80 PSIG							
D 5-125 PSIG	E 10-200 PSIG							
PMT Panel Mount								



L 350 Series

- Medium to heavy duty
- Designed for gas distribution systems (pipeline)
- Inlet port 1/4" NPT(F)
- Wide range of gas services

Dimensions: 3" W x 6.5" H x 5" D
(76.2mm x 165.1mm x 127.0mm)

Weight: 3 lb. (1.36kg)

DESIGN/CONSTRUCTION

- Forged body and housing cap
- 2.5" (63.5mm) gauges - brass
- Stem type seat mechanism
- 2.75" (69.9mm) diaphragm - fabric reinforced neoprene
- Delrin cap bushing for smooth adjustments

PERFORMANCE

Maximum inlet..... 350 PSIG

Delivery ranges..... see chart

WARNING: Maximum inlet pressure 350 PSIG. Not for use on cylinders.

SAMPLE ORDERING INFORMATION

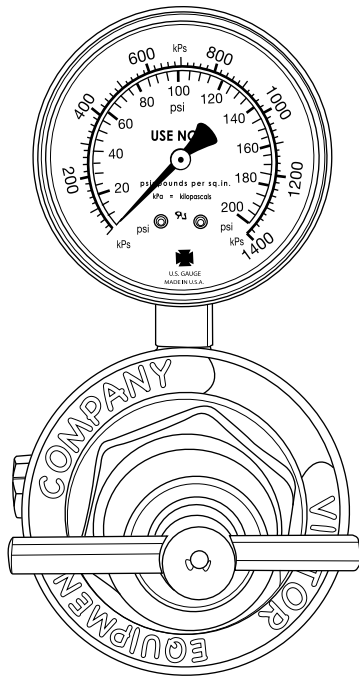
Model No.	Delivery Range	Inlet Port
L 350	D	250

Gas Service	Model No.	Delivery Range (PSIG)	Outlet Gauge (PSIG)	Inlet & Outlet Ports	Part No.
Air, Oxygen, Inert Gas, CO ₂ , N ₂ O	L 350D-250	5-125	0-200	1/4" NPT(F)	0781-2455
Hydrogen	L 361C-250	4-80	0-100	1/4" NPT(F)	0781-2480
L.P. Gas	L 361D-250	5-125	0-200	1/4" NPT(F)	0781-2481
Acetylene	L 360A-250	2-15	0-30	1/4" NPT(F)	0781-2467

Delivery Range Key

A 2-15 PSIG **C** 4-80 PSIG **D** 5-125 PSIG

Regulators will deliver at least the stated upper range at no flow and in some cases may exceed the stated upper range.



L 250 Series

- Light duty application
- Designed for gas distribution system (pipeline)
- Inlet 1/4" NPT(F)
- Wide range of gas service applications

Dimensions: 3" W x 6" H x 4.5" D
(76.2mm x 152.4mm x 114.3mm)

Weight: 2 lb. 6 oz. (1.14kg)

DESIGN/CONSTRUCTION

- Light duty applications
- Designed for gas distribution system (pipeline)
- Inlet 1/4" NPT(F)

PERFORMANCE

Maximum inlet.....350 PSIG

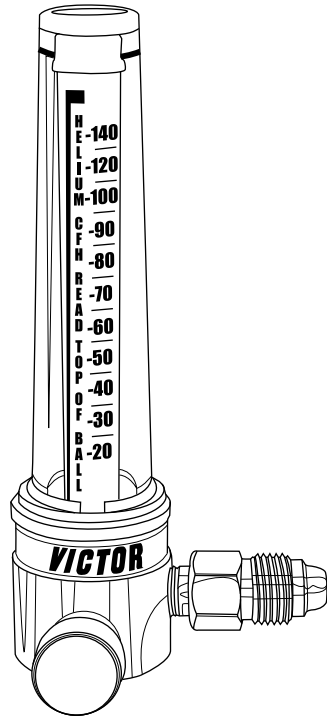
Delivery ranges.....see chart

WARNING: Maximum inlet pressure 350 PSIG. Not for use on cylinders.

SAMPLE ORDERING INFORMATION

Model No.	Delivery Range	Inlet Port
L 250	D	250

Gas Service	Model No.	Delivery Range (PSIG)	Outlet Gauge (PSIG)	Inlet & Outlet Ports	Part No.
Air, Oxygen, Inert Gas, CO ₂ , N ₂ O	L 250C-250 PMT	4-80	-	1/4" NPT(F)	0781-1283
	L 250D-250 L 250D-250 PMT	5-125	0-200	1/4" NPT(F)	0781-1249 0781-1285
Acetylene	L 260A-250 L 260A-250 PMT	2-15	0-30	1/4" NPT(F)	0781-1296 0781-1281
Hydrogen, L.P. Gas	L 261C-250 L 261C-250 PMT	4-80	0-100	1/4" NPT(F)	0781-1260 0781-1286
Delivery Range Key: A 2-15 PSIG C 4-80 PSIG D 5-125 PSIG PMT Panel Mount Panel mount does not have gauge.					



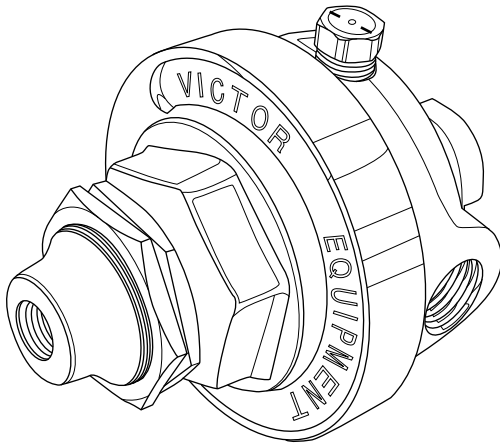
Flowmeter

- Gas flow measurement in SCFH
- MIG / TIG applications
- Flowtube and outer tube are made of impact resistant lexan for severe applications
- Pressure compensated for low surge requirement
- Cover tube contains overpressure protection

All Victor flowmeters are back pressure compensated to ensure accurate readings at all times, even if line restrictions are present. All flowmeters are calibrated to operate at **25 PSIG inlet pressure** to minimize surge, except the FM 200 which is calibrated to operate at **80 PSIG**.

WARNING: Not designed for cylinder use. Do not exceed calibrated inlet pressure.

Model No.	Part No.	Flow Range (SCFH)	Inlet Fitting	Outlet Fitting	Flowtube	Inlet Pressure (PSIG)
UNITS WITH SINGLE GAS CALIBRATION						
FM 200	1000-0264	30-100 CO ₂	1/4" NPT(M)	5/8"-18 RH(F)	1015-0066	80
UNITS WITH TWO GAS CALIBRATIONS						
FM 150	1000-0268	10-60 AIR 10-60 NITROGEN	1/4" NPT(M)	5/8"-18 RH(F)	1015-0060	25
FM 135	1000-0255	4-18 ARGON 10-50 HELIUM	9/16"-18 RH(F)	5/8"-18 RH(F)	1015-0063	25
FM 145	1000-0256	4-18 ARGON 10-50 HELIUM	5/8"-18 RH(M)	5/8"-18 RH(F)	1015-0063	25
FM 155	1000-0257	4-18 ARGON 10-50 HELIUM	1/4" NPT(M)	5/8"-18 RH(F)	1015-0063	25
FM 137	1000-0261	15-65 ARGON 40-200 HELIUM	9/16"-18 RH(F)	5/8"-18 RH(F)	1015-0064	25
FM 147	1000-0262	15-70 ARGON 40-200 HELIUM	5/8"-18 RH(M)	5/8"-18 RH(F)	1015-0064	25
FM 157	1000-0263	15-65 ARGON 40-200 HELIUM	1/4" NPT(M)	5/8"-18 RH(F)	1015-0064	25
UNITS WITH THREE GAS CALIBRATIONS						
FM 370	1000-0258	5-40 CO ₂ 5-50 ARGON 20-150 HELIUM	9/16"-18 RH(F)	5/8"-18 RH(F)	1015-0057	25
FM 371	1000-0259	5-40 CO ₂ 5-50 ARGON 20-150 HELIUM	5/8"-18 RH(M)	5/8"-18 RH(F)	1015-0057	25
FM 372	1000-0182	5-40 CO ₂ 5-50 ARGON 20-150 HELIUM	1/4" NPT 18M	5/8"-18 RH(F)	1015-0057	25



DL 700 Series

- Heavy duty
- Externally dome loaded
- Pilot regulator or pressure regulator required
- Remotely controlled pressure adjustment
- Designed for cutting machines
- Designed for applications that demand very consistent delivery pressures

DIMENSIONS: 3.75" W x 4" H x 5.63" D
(95.3mm x 101.6mm x 143.0mm)

WEIGHT: 4 lb. 8 oz. (2.04kg)

DESIGN/CONSTRUCTION

- Forged brass body and housing cap
- Stem type seat mechanism - fabric reinforced neoprene
- 1/2" NPT(F) inlet & outlet ports

PERFORMANCE

Maximum inlet..... 500 PSIG
 Maximum outlet..... 125 PSIG
 Temperature operating range..... 0-140° F
 Dome load inlet size 1/4" NPT(F)
 Maximum dome load pressure..... 125 PSIG

WARNING: Not for use on cylinders.

SAMPLE ORDERING INFORMATION

Model No.	Delivery Range
DL 700	D

Gas Service	Model No.	Delivery Range (PSIG)	Part No.
A wide range of gases	DL 700	5-125	0780-1188

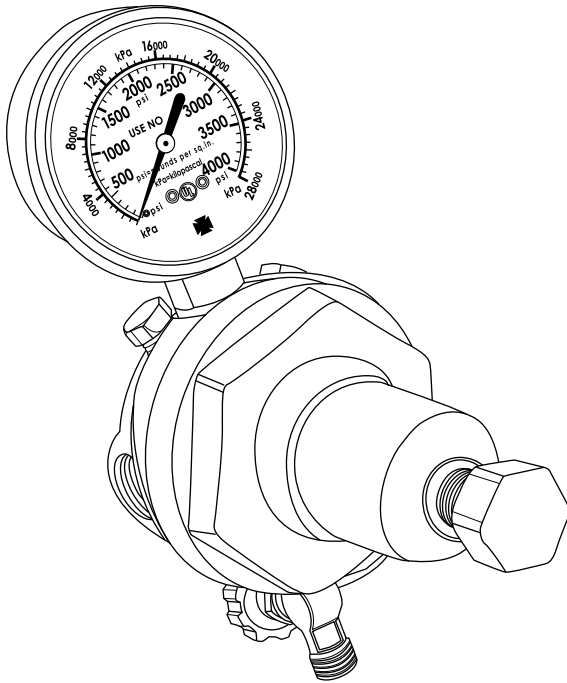
Delivery Range Key

D 5-125 PSIG

Connections: 1/2" NPT(F) Inlet & Outlet Ports

Requires pilot regulator to control pressure in dome for control of delivery pressure.

The DL 700 line regulator is externally dome loaded for remote control of gases. The delivery pressure on the DL 700 is controlled by the pressure supplied from a remote pilot regulator.



BSL 700 Series

- Heavy duty
- Designed for downstream vapor applications
- Ideal for bulk system installations
- Durable and will withstand most environmental situations
- Inlet pressure up to 350 PSIG

DIMENSIONS: 3.25" W x 8.5" H x 7.5" D
(82.6mm x 215.9mm x 190.5mm)

WEIGHT:..... 5 lb. 8 oz. (2.49kg)

DESIGN/CONSTRUCTION

- Forged brass body and housing cap
- 2.5" (63.5mm) gauges - brass
- Stem type seat mechanism
- 3.25" (82.6mm) diaphragm - stainless steel
- Bleed valve in low pressure port
- Nozzle - brass
- Seat return spring - stainless steel
- Seals - silicon and nylon

PERFORMANCE

Maximum inlet..... 350 PSIG
 Outlet range..... 10-200 PSIG
 Temperature operating range 0-140° F

WARNING: Maximum inlet pressure 350 PSIG. Not for use on cylinders.

SAMPLE ORDERING INFORMATION

Model No.
BSL 700

Gas Service	Model No.	Delivery Range (PSIG)	Outlet Gauge (PSIG)	Inlet & Outlet Ports	Part No.
Oxygen, Inert Gas	BSL 700	10-200	0-400	1/2" NPT(F)	0780-1200

Regulators will deliver at least the stated upper range at no flow and in some cases may exceed the stated upper range.