

Pressure Regulators



Specifications and Ordering information

VICTOR PRESSURE REGULATORS have the "stem-type" seat mechanism that closes with the impact of inlet pressure. Dense, die-forged bodies and spring housing caps provide maximum strength and safety.



SR 250



SR 350



SR 450



SR 700



SR 600



SR 5

NOTE: Additional regulator models are available. For details, call your Authorized Victor Distributor.

SR 250/260 SERIES

Designed for light to medium duty applications.

GAS	SINGLE STAGE	TWO STAGE	DELIVERY RANGE	INLET (CGA)
Oxygen Inert Gas	SR 250C SR 250B	VTS 250C VTS 250B	4-80 PSIG 2-40 PSIG	540,580 540,580
Acetylene	SR 260A	VTS 260A	2-15 PSIG	510,300
Propane, MAPP®	SR 261C SR 261B	VTS 261C VTS 261B	4-80 PSIG 2-40 PSIG	510 510

SR 350/360 SERIES

Designed for medium to heavy duty applications.

GAS	SINGLE STAGE	DELIVERY RANGE	INLET (CGA)
Oxygen	SR 350	5-200 PSIG	540,580
Acetylene	SR 360	2-40 PSIG	510,300

SR 450/460 SERIES

Largest selling series for general purpose & heavy duty cylinder and manifold applications.

GAS	SINGLE STAGE	TWO STAGE	DELIVERY RANGE	INLET (CGA)
Oxygen Inert Gas	SR 450D SR 450B	VTS 450D VTS 450B	5-125 PSIG 2-40 PSIG	540,580 540,580
Acetylene	SR 460A	VTS 460A	2-15 PSIG	510,300
Propane, MAPP®	SR 461D SR 461B	VTS 461D VTS 461B	5-125 PSIG 2-40 PSIG	510 510

SR 700 SERIES

Designed for manifolds and heavy duty use.

GAS	SINGLE STAGE	TWO STAGE	DELIVERY RANGE	INLET (CGA)
Oxygen Inert Gas	SR 700E SR 700D	VTS 700E VTS 700D	10-200 PSIG 5-125 PSIG	540,580 (Manifold)
Acetylene	SR 710A	VTS 710A	2-15 PSIG	510, (M)
Propane, MAPP®	SR 711D	VTS 711D	5-125 PSIG	510, (M)

SR 600 SERIES

Designed to accommodate industry's higher pressure cylinders with inlet pressures up to 5500 PSIG.

GAS	SINGLE STAGE	DELIVERY RANGE	INLET (CGA)
Oxygen	SR 600-350 SR 600-550	350 PSIG 550 PSIG	540,577 540,577
Inert	SR 600-350 SR 600-550	350 PSIG 550 PSIG	580,680 580,680

SR 5 SERIES

Ideally suited for light duty applications.

GAS	SINGLE STAGE	DELIVERY RANGE	INLET (CGA)
Oxygen	SR 5	4-60 PSIG	540,580
Acetylene	SR 6	2-15 PSIG	200,510. 520



SR 310



VGS 350



VGS 450



S 250
S 350



S 700

SR 300 SERIES - Hi-Flow regulators for CO₂.

MODEL NUMBER	TYPE	DELIVERY RANGE	INLET (CGA)
SR 310	With Pressure Gauge	10-150 PSIG	320

VGS 350, VGS 450 & VGT 450 SERIES Gaugeless design for severe duty applications.

GAS	VGS 350 SERIES	VGS 450 SERIES	TWO STAGE	DELIVERY RANGE	INLET (CGA)
Oxygen	VGS 350	VGS 450	VGT 450	10-80 PSIG	540
Acetylene	VGS 360	VGS 460	VGT 460	3-15 PSIG	510,300
Propane, MAPP®	VGS 361	-	-	5-40 PSIG	510

S SERIES - Station regulators for gas distribution systems. Maximum inlet pressure not to exceed 200 PSIG, therefore these regulators are not for use on cylinders.

GAS	S 250 SERIES	S 350 SERIES	S 700 SERIES	DELIVERY RANGE
Oxygen	S 250D S 250C S 250B	S 350D S 350C S 350B	S 700D S 700C S 700B	5-125 PSIG 4-80 PSIG 2-40 PSIG
Inert Gas	S 250D S 250C S 250B	S 350D S 350C S 350B	S 700D S 700C S 700B	5-125 PSIG 4-80 PSIG 2-40 PSIG
Acetylene	S 260A	S 360A	S 710A	2-15 PSIG
Hydrogen, L.P. Gas	S 261D S 261C	S 361D S 361C	S 711D S 711C	5-125 PSIG 4-80 PSIG

*S 350 Series are offered with a rear inlet. For details call your Authorized Victor Distributor.

L SERIES - Line regulators for gas distribution systems. Maximum inlet pressure not to exceed 350 PSIG, therefore these regulators are not for use on cylinders.

GAS	L 250 SERIES	L 350 SERIES	L 700 SERIES	DELIVERY RANGE
Oxygen Inert Gas	L 250D	L 350D	L 700D	5-125 PSIG
Acetylene	L 260A	L 360A	L 710A	2-15 PSIG
Hydrogen, L.P. Gas	L 261D L 261C	L 361D L 361C	L 711D L 711C	5-125 PSIG 4-80 PSIG

Inlet port sizes vary, for details call your Authorized Victor Distributor.

Specifications and Ordering information



**HVTS 2500 SERIES
HSR 2500 SERIES**



HRF 2400 SERIES



SR 311



AF 250



AF 150



FLOWMETER

NOTE: Additional regulator and flowmeter models are available. For details, call your Authorized Victor Distributor.

NOTE: Victor Flowmeters are to be used with regulators preset at 25 PSIG unless noted.

CAUTION: A regulator equipped with a flowgauge is not accurate when a backpressure in excess of 2 PSIG exists at the outlet. Backpressure is caused by a restriction in the apparatus downstream of the flowgauge. Metering valves, kinked hoses or even very long hoses are restrictions that can cause backpressure. In applications where backpressure in excess of 2 PSIG can be expected, a regulator equipped with a flowmeter should be used.

REGULATOR/FLOWMETER COMBINATION UNITS - SINGLE AND TWO STAGE

GAS	SINGLE STAGE	TWO STAGE	FLOWMETER RANGE SCFH	INLET (CGA)
Hydrogen	HSR 2533	-	5-40	350
Argon Helium	HSR 2535	HVTS 2535	4-18 10-50	580
Argon Helium	HSR 2537	HVTS 2537	15-65 40-200	580
Argon Argon/CO ₂ Mix Helium	HSR 2570	HVTS 2570	5-40 (CO ₂) 10-50 (ARGON) 20-150 (HELIUM)	580,320
	HRF 2425 (Preset @ 25 PSIG)	N/A	10-38 (CO ₂) 10-35 (ARGON) 20-110 (HELIUM)	580,320
	HRF 2480 (Preset @ 80 PSIG)	N/A	5-40 (CO ₂) 10-50 (ARGON) 20-150 (HELIUM)	580

SR 300 SERIES - Hi-Flow regulators for CO₂.

MODEL NUMBER	TYPE	DELIVERY RANGE	INLET (CGA)
SR 311	With Flowmeter	30-100 SCFH	320
SR 312	With Flow Gauge	0-100 SCFH	320

REGULATORS WITH FLOWGAUGES

MODEL GAS	FLOW NUMBER	INLET RANGE SCFH	(CGA)
Argon	AF 250	10-40	580
Argon	AF 150	8-25	580
CO ₂	CF 253	7-35	320
CO ₂	CF 153	8-20	320

Preset models available, for details call your Authorized Victor Distributor.

VICTOR FLOWMETERS

GAS	MODEL NUMBER	FLOWMETER RANGE SCFH	INLET CONN.
CO ₂	FM 200 (Preset @ 80 PSIG)	20-100	1/4" NPT(M)
Argon Argon/CO ₂ Mix Helium	FM 135 FM 145 FM 155	4-18 (Argon) 10-50 (Helium)	9/16"-18(F) 5/8"-18(M) 1/4" NPT(M)
	FM 137 FM 147 FM 157	15-65 (Argon) 40-200 (Helium)	9/16"-18(F) 5/8"-18(M) 1/4"-NPT(M)