PREMIER INDUSTRIES

2026 EDITION

PRESSURE REGULATORS, VALVES, AND GAS DELIVERY SYSTEMS

A PREMIER INDUSTRIES PUBLICATION

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AMERICAN MADE.
INNOVATIVE.
RELIABLE.
ECONOMICAL.
PREMIER.

PREMIER REGULATORS, VALVES, & GAS DELIVERY SYSTEMS

LEADING EDGE DESIGNS WITH A PERSONAL TOUCH.

Premier Industries was established in 1995 as a designer and manufacturer of proprietary specialty gas and hydraulic regulators, valves, and systems, which now service a diverse market worldwide.

We offer a standard product line, alongside custom engineering to meet the demands of a diverse client base and are continually adding new technology and processes to meet the evolving needs of the market.

We manufacture and test all our equipment to meet rigid specifications while keeping in mind the distinctive needs and expectations of our customers. It is our goal to offer cutting-edge designs with a personal touch.

WE'RE EXPERIENCED *AND* RESPONSIVE.

Our customers know that if they have a question, they can pick up the phone and give us a call. No automated messaging systems here. We have a team of engineers with over 100 years of regulator design experience ready to assist you. We are always pushing for more sophisticated processes, working on leading-edge designs, while striving to remain personable and responsive.

CUSTOM ENGINEERING & TAILORED SOLUTIONS.

If you do not see a standard Premier model that suits your needs, please contact us; we would be happy to help you with a custom design or modification.

Our regulators are offered in a variety of materials (with varying weights, strengths, degrees of corrosion resistance, etc.), flow capacities, and inlet/outlet pressure ranges. With the flexibility of optional port alignments, port sizes/types, relief and shut off valves, etc. Premier regulators provide maximum versatility and compatibility for your application.

END-TO-END CONTROL. CONSISTENT QUALITY.

From engineering through final testing, we maintain hands-on oversight of every stage of production. Our integrated manufacturing approach ensures consistent quality, full traceability, and reliable performance from concept to completion.

PREMIER INDUSTRIES

A PREMIER PARTNERSHIP

WE SOLVE REAL-WORLD CHALLENGES THROUGH THOUGHTFUL DESIGN, DEEP TECHNICAL EXPERTISE, AND CLOSE COLLABORATION.

AS A U.S.-BASED, ENGINEERING-DRIVEN COMPANY, WE PARTNER WITH OUR CUSTOMERS TO CREATE RELIABLE, PURPOSE-BUILT REGULATOR SOLUTIONS WHEN STANDARD OPTIONS FALL SHORT.

EVERY PROJECT IS APPROACHED WITH **CARE, INTEGRITY, AND A COMMITMENT TO DOING THE WORK RIGHT**, BECAUSE THE PERFORMANCE OF WHAT WE BUILD MATTERS LONG AFTER IT LEAVES OUR HANDS.

CONTENTS

3400 SERIES

FEATURES	MAX INLET PRESSURE	FLOW CAPACITY	BODY MATERIAL
• Great sensitivity • Large elastomeric diaphragm • Self-venting and non-venting options • Optional panel mounting bracket	6000 PSIG / 413.7 BAR	Cv: 0.06 Cv: 0.20	2024-T351 Aluminum SAE 360 Brass 316 Stainless Steel

3500 SERIES

FEATURES	MAX INLET PRESSURE	FLOW CAPACITY	BODY MATERIAL
• Designed for gas media • Piston sensed • 15 micron sintered 316 SST inlet filter • Piston Sensed • Non-venting • Optional acorn nut (preset outlet pressure) • Three knob styles • Minimal soft goods	6000 PSIG / 413.7 BAR	Cv: 0.06 Cv: 0.2	6061-T6 Aluminum, Nickel plated SAE 360 Brass, Nickel Plated 316 Stainless Steel Monel®

3500DL SERIES

FEATURES	MAX INLET PRESSURE	FLOW CAPACITY	BODY MATERIAL
• Designed for gas media • Dome loaded • 15 micron sintered 316 SST inlet filter • Piston Sensed • Captured venting • Compatible with electro-pneumatic controllers • 1:1 loader	6000 PSIG / 413.7 BAR	Cv: 0.06 Cv: 0.2	6061-T6 Aluminum, Clear Anodized 316 Stainless Steel

3500AL SERIES

FEATURES	MAX INLET PRESSURE	FLOW CAPACITY	BODY MATERIAL
• Designed for gas media • Air loaded • Piston Sensed • Captured venting • Compatible with electro-pneumatic controllers • Load ratios: 1:2, 1:3, 1:4 • 2 or 4 port designs	6000 PSIG / 413.7 BAR	Cv: 0.06 Cv: 0.2	6061-T6 Aluminum, Clear Anodized 316 Stainless Steel Monel® 400

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6500 SERIES

FEATURES	MAX INLET PRESSURE	FLOW CAPACITY	BODY MATERIAL
• Hydraulic • Piston Sensed • Non-venting • Optional acorn nut (preset outlet pressure) • Minimal soft goods • 3 knob styles: basic, fluted, and tee handle	6000 PSIG / 413.7 BAR	Cv: 0.06 Cv: 0.2	6061-T6 Aluminum, Nickel plated SAE 360 Brass, Nickel Plated 316 Stainless Steel Monel®

6500DL SERIES

FEATURES	MAX INLET PRESSURE	FLOW CAPACITY	BODY MATERIAL
• Hydraulic • Dome loaded (1:1) • Piston Sensed • Captured venting • Compatible with electro-pneumatic controllers • 1000 psig (68.95 bar) max dome load	6000 PSIG / 413.7 BAR	Cv: 0.06 Cv: 0.2	6061-T6 Aluminum, Clear Anodized 316 Stainless Steel

6500AL SERIES

FEATURES	MAX INLET PRESSURE	FLOW CAPACITY	BODY MATERIAL
• Hydraulic • Air loaded • Piston Sensed • Captured venting • Compatible with electro-pneumatic controllers • Load ratios: 1:2, 1:3, 1:4 • 2 or 4 port designs	6000 PSIG / 413.7 BAR	Cv: 0.06 Cv: 0.2	6061-T6 Aluminum, Clear Anodized 316 Stainless Steel

4600 SERIES

FEATURES	MAX INLET PRESSURE	FLOW CAPACITY	BODY MATERIAL
• Two stage • Piston Sensed • Stable set pressures • 1st stage valve seat: Vespel® • 2nd stage valve seat PCTFE	6000 PSIG / 413.7 BAR	Cv: 0.06 Cv: 0.2	316 Stainless Steel SAE 360 Brass, Nickel Plated

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3000 SERIES

FEATURES	MAX INLET PRESSURE	FLOW CAPACITY	BODY MATERIAL
• Designed for gas media • Self-venting, captured venting, non-venting • 15 micron sintered 316 SST inlet filter • Piston sensed • Optional acorn nut • Multiple mounting options	10000 PSIG / 689.5 BAR (316 SST) 6000 PSIG / 413.7 BAR (BRASS)	Cv: 0.02 Cv: 0.06 Cv. 0.12 Cv: 0.20 Cv: 0.30	SAE 360 brass 316 Stainless Steel

3000AL SERIES

FEATURES	MAX INLET PRESSURE	FLOW CAPACITY	BODY MATERIAL
• Designed for gas media • Air loaded, Piston Sensed • 15 micron sintered 316 SST inlet filter • Optional captured venting • Compatible with electro-pneumatic controllers	10000 PSIG / 689.5 BAR (316 SST) 6000 PSIG / 413.7 BAR (BRASS)	Cv: 0.06 Cv: 0.12 Cv: 0.2 Cv: 0.30	SAE 360 brass 316 Stainless Steel

3000DL SERIES

FEATURES	MAX INLET PRESSURE	FLOW CAPACITY	BODY MATERIAL
• Designed for gas media • Dome loaded • Piston Sensed • Optional panel mounting nuts • Compatible with electro-pneumatic controllers	10000 PSIG / 689.5 BAR	Cv: 0.06 Cv: 0.12 Cv: 0.2 Cv: 0.3	316 Stainless Steel

6000 SERIES

FEATURES	MAX INLET PRESSURE	FLOW CAPACITY	BODY MATERIAL
• Hydraulic, Piston Sensed • Adjustable captured venting • Air loaded design available • Optional acorn nut • Non-venting design available	10000 PSIG / 689.5 BAR	Cv: 0.06 Cv: 0.12 Cv: 0.20 Cv: 0.30	316 Stainless Steel

6000AL SERIES

FEATURES	MAX INLET PRESSURE	FLOW CAPACITY	BODY MATERIAL
• Hydraulic, Piston Sensed • Captured venting • Air loaded • Compatible with electro-pneumatic controllers	10000 PSIG / 689.5 BAR	Cv: 0.06 Cv: 0.12 Cv: 0.20 Cv: 0.30	316 Stainless Steel

6000DL SERIES

FEATURES	MAX INLET PRESSURE	FLOW CAPACITY	BODY MATERIAL
• Hydraulic, Piston Sensed • Captured venting • Dome loaded • Compatible with electro-pneumatic controllers	10000 PSIG / 689.5 BAR	Cv: 0.06 Cv: 0.12 Cv: 0.20 Cv: 0.30	316 Stainless Steel

6000FL SERIES

FEATURES	MAX INLET PRESSURE	FLOW CAPACITY	BODY MATERIAL
• Hydraulic, Piston Sensed • Raised face, welded neck flange connections • 1" nominal pipe size • Captured venting • ANSI B16.5 class 1500 forged flange	3000 PSIG / 206.84 BAR	Cv: 0.06	17-4 Stainless Steel 316 Stainless Steel

3016 SERIES

FEATURES	MAX INLET PRESSURE	FLOW CAPACITY	BODY MATERIAL
• Designed for gas media • High flow • Piston Sensed • Self-venting, captured venting, or non-venting • Balanced stem	10000 PSIG / 689.5 BAR (Stainless Steel) 6000 PSIG / 413.7 BAR (Brass)	Cv: 1.0 Cv: 2.0	SAE 360 Brass 316 Stainless Steel 17-4 Stainless Steel Monel® 6061-T6 Aluminum

3016AL SERIES

FEATURES	MAX INLET PRESSURE	FLOW CAPACITY	BODY MATERIAL
• Designed for gas media • High flow • Piston Sensed • Captured venting, or non-venting • Air loaded & dome loaded designs available	10000 PSIG / 689.5 BAR (See data sheet) 6000 PSIG / 413.7 BAR (See data sheet)	Cv: 1.0 Cv: 2.0	316 Stainless Steel

3016DL SERIES

FEATURES	MAX INLET PRESSURE	FLOW CAPACITY	BODY MATERIAL
• Designed for gas media • High flow • Piston Sensed • Captured venting or non-venting • 1:1 dome load • Compatible with electro-pneumatic controllers	10000 PSIG / 689.5 BAR (See data sheet) 6000 PSIG / 413.7 BAR (See data sheet)	Cv: 1.0 Cv: 2.0	316 Stainless Steel

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6016 SERIES

FEATURES	MAX INLET PRESSURE	FLOW CAPACITY	BODY MATERIAL
• Hydraulic • High flow • Piston Sensed • Captured venting	10000 PSIG / 689.5 BAR	Cv: 1.0	316 Stainless Steel

3020 SERIES

FEATURES	MAX INLET PRESSURE	FLOW CAPACITY	BODY MATERIAL
• Designed for gas media • 15 micron stainless steel valve cartridge filter • Piston Sensed • Captured venting or self-venting • Low-torque hand knob	10000 PSIG / 689.5 BAR (Stainless Steel) 6000 PSIG / 413.7 BAR (Brass)	Cv: 0.04 Cv: 0.06 Cv: 0.12 Cv: 0.20 Cv: 0.30	SAE 360 Brass 316 Stainless Steel

6020 SERIES

FEATURES	MAX INLET PRESSURE	FLOW CAPACITY	BODY MATERIAL
• Hydraulic • Piston Sensed • Captured venting • Low-torque hand knob	10000 PSIG / 689.5 BAR (Stainless Steel) 6000 PSIG / 413.7 BAR (Brass)	Cv: 0.06 Cv: 0.12 Cv: 0.2 Cv: 0.3	SAE 360 Brass 316 Stainless Steel

3023 SERIES

FEATURES	MAX INLET PRESSURE	FLOW CAPACITY	BODY MATERIAL
• Designed for gas media • Captured venting • Piston Sensed • Vespel® seat • Optional panel mounting nuts	15000 PSIG / 1034.21 BAR	Cv: 0.06 Cv: 0.12 Cv: 0.2	316 Stainless Steel

3023AL SERIES

FEATURES	MAX INLET PRESSURE	FLOW CAPACITY	BODY MATERIAL
• Designed for gas media • Air loaded, Piston Sensed • Compatible with electro-pneumatic controllers • Captured venting • Optional panel mounting nuts & gauges	15000 PSIG / 1034.21 BAR	Cv: 0.06 Cv: 0.12 Cv: 0.20	316 Stainless Steel

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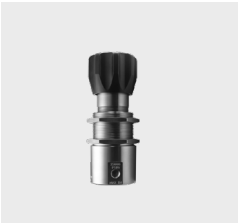
3023DL SERIES

FEATURES	MAX INLET PRESSURE	FLOW CAPACITY	BODY MATERIAL
• Designed for gas media • Piston Sensed • 1:1 dome load • Compatible with electro-pneumatic controllers • Captured venting	15000 PSIG / 1034.21 BAR	Cv: 0.06 Cv: 0.12 Cv: 0.20	316 Stainless Steel

6023 SERIES



FEATURES	MAX INLET PRESSURE	FLOW CAPACITY	BODY MATERIAL
• Hydraulic, piston sensed • Captured venting • Choice of 17-4 stainless steel or Vespel® seat • Optional panel mounting nuts	15000 PSIG / 1034.21 BAR	Cv: 0.06 Cv: 0.12 Cv: 0.20	316 Stainless Steel

6023AL SERIES

FEATURES	MAX INLET PRESSURE	FLOW CAPACITY	BODY MATERIAL
• Hydraulic, air loaded • Captured venting • 17-4 Stainless Steel, hardened or Vespel® seat • Optional panel mounting nuts	15000 PSIG / 1034.21 BAR	Cv: 0.06 Cv: 0.12 Cv: 0.20	316 Stainless Steel

6023DL SERIES

FEATURES	MAX INLET PRESSURE	FLOW CAPACITY	BODY MATERIAL
• Hydraulic, air loaded • Captured venting • 17-4 Stainless Steel, hardened or Vespel® seat • Optional panel mounting nuts	15000 PSIG / 1034.21 BAR	Cv: 0.06 Cv: 0.12 Cv: 0.20	316 Stainless Steel

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3025 SERIES

FEATURES	MAX INLET PRESSURE	FLOW CAPACITY	BODY MATERIAL
• Piston Sensed • Pneumatic • Captured venting • 17-4 Stainless Steel hardened valves • Low-torque ball-bearing hand knob	20000 PSIG / 1378.95 BAR	Cv: 0.04	17-4 Stainless Steel

3025AL SERIES

FEATURES	MAX INLET PRESSURE	FLOW CAPACITY	BODY MATERIAL
• Piston Sensed • Air loaded • Captured venting • 17-4 Stainless Steel hardened valve • Compatible w/ electro-pneumatic controllers	20000 PSIG / 1378.95 BAR	Cv: 0.04	17-4 Stainless Steel

3025HPL SERIES

FEATURES	MAX INLET PRESSURE	FLOW CAPACITY	BODY MATERIAL
• Piston Sensed • High pressure loaded • Captured venting • 1500 PSIG (103.42 BAR) max loading pressure • Extreme compatibility model available	20000 PSIG / 1378.95 BAR	Cv: 0.04	17-4 Stainless Steel

3025SL SERIES

FEATURES	MAX INLET PRESSURE	FLOW CAPACITY	BODY MATERIAL
• Piston Sensed • Compatible with electro-pneumatic controllers • Captured venting	20000 PSIG / 1378.95 BAR	Cv: 0.04	17-4 Stainless Steel

6025 SERIES	FEATURES	MAX INLET PRESSURE	FLOW CAPACITY	BODY MATERIAL
	• Hydraulic • Piston Sensed • Captured venting • 17-4 Stainless Steel hardened valves • Air loaded designs available	20000 PSIG / 1378.95 BAR	Cv: 0.06 Cv: 0.12 Cv: 0.20	17-4 Stainless Steel

6025AL SERIES	FEATURES	MAX INLET PRESSURE	FLOW CAPACITY	BODY MATERIAL
	• Hydraulic, Piston Sensed • Air loaded • Captured venting • 17-4 SS hardened valves • Compatible w/ electro-pneumatic controllers	20000 PSIG / 1378.95 BAR	Cv: 0.06 Cv: 0.12 Cv: 0.30	17-4 Stainless Steel

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2800N SERIES

FEATURES	MAX INLET PRESSURE	FLOW CAPACITY	BODY MATERIAL
• Neoprene (fabric reinforced) diaphragm • PCTFE seat • Stable delivery pressure • Outlet pressures up to 150 PSIG / 10.34 bar	3000 psig / 206.84 bar	Cv: 1.0 Cv: 2.0	SAE 360 Brass 6061-T6 Aluminum 303 Stainless Steel

2800S SERIES

FEATURES	MAX INLET PRESSURE	FLOW CAPACITY	BODY MATERIAL
• 316 Stainless Steel or Neoprene (fabric reinforced) diaphragm • PCTFE or Vespel® seat • Outlet pressures up to 150 PSIG / 10.34 bar	3000 PSIG / 206.84 BAR	Cv: 1.0 Cv: 2.0	SAE 360 Brass SAE 360 Brass, Nickel Plated 6061-T6 Aluminum, Clear Anodized 316 Stainless Steel

2800P SERIES

FEATURES	MAX INLET PRESSURE	FLOW CAPACITY	BODY MATERIAL
• Piston sensed for increased cycle life • PCTFE or PEEK® seat • Outlet pressures up to 500 PSIG / 34.47 bar	3000 PSIG / 206.84 BAR	Cv: 1.0 Cv: 2.0	SAE 360 Brass, Nickel Plated 6061-T6 Aluminum, Clear Anodized 316 Stainless Steel

2800PAL SERIES

FEATURES	MAX INLET PRESSURE	FLOW CAPACITY	BODY MATERIAL
• Piston sensed for increased cycle life • Air loaded:125 PSIG / 8.6 BAR max load • Outlet pressures up to 1000 PSIG/68.95 BAR. • PCTFE seat • Non-venting	3000 PSIG / 206.84 BAR	Cv: 2.0	SAE 360 Brass 6061-T6 Aluminum, Clear Anodized 316 Stainless Steel

2800PDL SERIES

FEATURES	MAX INLET PRESSURE	FLOW CAPACITY	BODY MATERIAL
• Piston sensed for increased cycle life • Dome load: 1:1, (1000 psig / 68.95 max load) • PCTFE seat • Non-venting	3000 PSIG / 206.84 BAR	Cv: 2.0	SAE 360 Brass 6061-T6 Aluminum, Clear Anodized 316 Stainless Steel

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2860PDL SERIES

FEATURES	MAX INLET PRESSURE	FLOW CAPACITY	BODY MATERIAL
• Captured venting • Dome load: 1550 PSIG (106.9 bar) max • High flow • Piston sensed • PCTFE seat	3000 PSIG / 206.84 BAR	Cv: 2.0	SAE 360 Brass, Nickel Plated 6061-T6 Aluminum, Clear Anodized 316 Stainless Steel 303 Stainless Steel

5033DL SERIES

FEATURES	MAX INLET PRESSURE	FLOW CAPACITY	BODY MATERIAL
• Dome loaded • Piston sensed • 1:1 dome load • Optional external sensing port for improved accuracy • Non-venting	10000 PSIG / 689.5 BAR	Cv: 3.3	316 Stainless Steel

5050 SERIES

FEATURES	MAX INLET PRESSURE	FLOW CAPACITY	BODY MATERIAL
• Balanced stem for increased outlet pressure stability • Buna-n, Viton®, or PTFE seat • Max outlet pressure 350 PSIG / 24.1 BAR • Non-venting	1000 PSIG / 68.95 BAR	Cv: 5.0	303 Stainless Steel 316 Stainless Steel Aluminum, Clear Anodize Monel 400®

5050DL SERIES

FEATURES	MAX INLET PRESSURE	FLOW CAPACITY	BODY MATERIAL
• Dome loaded • Diaphragm sensed • Buna-N or Viton seat • 1:1 dome load • Max dome load 100 PSIG / 6.89 BAR • Non-venting	1000 PSIG / 68.95 BAR	Cv: 5.0	303 Stainless Steel 316 Stainless Steel Aluminum, Clear Anodize

5050DLB SERIES

FEATURES	MAX INLET PRESSURE	FLOW CAPACITY	BODY MATERIAL
• Dome loaded / bias spring • Diaphragm sensed • Buna-n seat • dome load + bias spring pressure = outlet pressure • Max dome load 200 PSIG / 13.79 BAR • Non-venting	1000 PSIG / 68.95 BAR	Cv: 5.0	303 Stainless Steel 316 Stainless Steel Aluminum, Clear Anodize

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HIGH FLOW. PRESSURE REDUCING REGULATORS.

5060DL SERIES

FEATURES	MAX INLET PRESSURE	FLOW CAPACITY	BODY MATERIAL
• Dome loaded • Piston sensed • 1:1 dome load • Optional external sensing port for improved accuracy • Non-venting	10000 PSIG / 689.5 BAR	Cv: 6.0	316 Stainless Steel

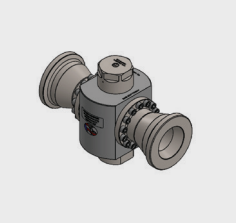
50120DL SERIES

FEATURES	MAX INLET PRESSURE	FLOW CAPACITY	BODY MATERIAL
• 1:1 dome load • Optional external sensing • Piston Sensed • Non-venting	6000 PSIG / 413.7 BAR (dependent on configuration)	Cv: 12.0	316 Stainless Steel

50200DL SERIES

FEATURES	MAX INLET PRESSURE	FLOW CAPACITY	BODY MATERIAL
• 1:1 dome load • Optional external sensing • Piston Sensed • Non-venting	6000 PSIG / 413.7 BAR	Cv: 20.0	316 Stainless Steel

50300DL SERIES



FEATURES	MAX INLET PRESSURE	FLOW CAPACITY	BODY MATERIAL
• 1:1 dome load • Optional external sensing • Piston Sensed • Non-venting	6000 PSIG / 413.7 BAR	Cv: 30.0	316 Stainless Steel

2500 SERIES

FEATURES	MAX INLET PRESSURE	FLOW CAPACITY	BODY MATERIAL
• Neoprene or 316 stainless steel diaphragm • PTFE seat • Single stage • Outlet pressures up to 500 PSIG / 34.47 bar • 15 micron valve cartiridge filter • Optional body diameters: 1.5", 1.75", & 2.0"	3500 PSIG / 241.3 BAR	Cv: 0.08 Cv: 0.20	SAE 360 Brass SAE 360 Brass, Nickel Plated 6061-T6 Aluminum, Clear Anodized 316 Stainless Steel Monel®

2500A SERIES

FEATURES	MAX INLET PRESSURE	FLOW CAPACITY	BODY MATERIAL
• Absolute pressure regulator • Control pressures from 50 mm Hg absolute (28" Hg) to 350 psig /24.1 bar • 316 Stainless Steel diaphragm • PFA seat • Captured bonnet vent	3000 PSIG / 206.84 BAR	Cv: 0.08	SAE 360 Brass, Nickel Plated

2500DL SERIES

FEATURES	MAX INLET PRESSURE	FLOW CAPACITY	BODY MATERIAL
• Dome loaded • Neoprene diaphragm (0.785:1 load ratio) or 316 stainless steel diaphragm (1:1 load ratio) • PCTFE seat • Outlet pressures up to 500 PSIG / 34.47 bar	3000 PSIG / 206.84 BAR	Cv: 0.08 Cv: 0.20	SAE 360 Brass, Nickel Plated SAE 360 Brass 316 Stainless Steel

2500DLB SERIES

FEATURES	MAX INLET PRESSURE	FLOW CAPACITY	BODY MATERIAL
• Dome loaded /bias spring • 316 stainless steel diaphragm • PCTFE seat • Outlet pressures up to 500 PSIG / 34.47 bar • Preset spring bias	3000 PSIG / 206.84 BAR	Cv: 0.08 Cv: 0.20	316 Stainless Steel 303 Stainless Steel Monel 405® & Elgiloy® SAE 360 Brass, Nickel Plated

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2510 SERIES

FEATURES	MAX INLET PRESSURE	FLOW CAPACITY	BODY MATERIAL
• Reduced decaying inlet characteristic in a single stage design • Neoprene or 316 stainless steel diaphragm • PCTFE, or PTFE seat • Outlet pressures up to 500 PSIG / 34.47 bar	3500 PSIG / 241.3 BAR	Cv: 0.20	SAE 360 Brass, Nickel Plated SAE 360 Brass 303 Stainless Steel 316 Stainless Steel

2550 SERIES

FEATURES	MAX INLET PRESSURE	FLOW CAPACITY	BODY MATERIAL
• High sensitivity • 316 stainless steel or neoprene diaphragm • PTFE seat • Outlet pressures up to 250 PSIG / 17.24 bar	3000 PSIG / 206.84 BAR	Cv: 0.08 (standard) Cv: 0.2	SAE 360 Brass SAE 360 Brass, Nickel Plated 6061-T6 Aluminum, Clear Anodized 316 Stainless Steel

2550A SERIES

FEATURES	MAX INLET PRESSURE	FLOW CAPACITY	BODY MATERIAL
• High sensitivity • Full vacuum sub-atmospheric pressure control • Elgiloy® diaphragm • Captured bonnet vent	3000 PSIG / 206.84 BAR	Cv: 0.08 (standard)	316 Stainless Steel

2600 SERIES

FEATURES	MAX INLET PRESSURE	FLOW CAPACITY	BODY MATERIAL
• Piston sensed • PCTFE seat • Outlet pressures up to 2500 PSIG / 172.37 bar • Optional panel mounting nut • Non-venting	3500 PSIG / 241.32 BAR	Cv: 0.08 Cv: 0.20 Cv: 0.30	SAE 360 Brass SAE 360 Brass, Nickel Plated 6061-T6 Aluminum, Clear Anodized 316 Stainless Steel 303 Stainless Steel

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2610 SERIES

FEATURES	MAX INLET PRESSURE	FLOW CAPACITY	BODY MATERIAL
• Reduced decaying inlet characteristic • Piston sensed • PCTFE seat • Outlet pressures up to 2500 PSIG / 172.37 bar • Optional panel mounting nut	3500 PSIG / 241.3 BAR	Cv: 0.20	6061-T6 Aluminum, Clear Anodized 316 Stainless Steel 303 Stainless Steel

4500 SERIES

FEATURES	MAX INLET PRESSURE	FLOW CAPACITY	BODY MATERIAL
• Two stage design for stable delivery pressures • 15 micron valve cartridge filter • Interstage relief valve • Neoprene or 316 stainless steel diaphragm • Optional piston sensed first stage • PTFE seat • Outlet pressures up to 250 PSIG / 17.24 bar	3000 PSIG / 206.84 BAR	Cv: 0.08 Cv: 0.20	SAE 360 Brass SAE 360 Brass, Nickel Plated 6061-T6 Aluminum, Clear Anodized 316 Stainless Steel Monel®

6250 SERIES

FEATURES	MAX INLET PRESSURE	FLOW CAPACITY	BODY MATERIAL
• 316 Stainless Steel diaphragm (standard) • PEEK®, or Vespel® seat • Outlet pressures up to 500 PSIG / 34.47 bar • Optional panel mounting nuts or bottom mount	3500 PSIG / 241.3 BAR	Cv: 0.20	6061-T6 Aluminum, Clear Anodized SAE 360 Brass, Nickel Plated 303 Stainless Steel 316 Stainless Steel Inconel 625

6250DLB SERIES

FEATURES	MAX INLET PRESSURE	FLOW CAPACITY	BODY MATERIAL
• 316 Stainless Steel diaphragm • PEEK® seat • 1:1 Dome load: up to 500 psig / 34.47 bar • Preset spring bias: up to 100 psig / 6.89 bar • Elastomer Free	3000 PSIG / 206.84 BAR	Cv: 0.08 Cv: 0.20	SAE 360 Brass, Nickel Plated 303 Stainless Steel 316 Stainless Steel Monel®

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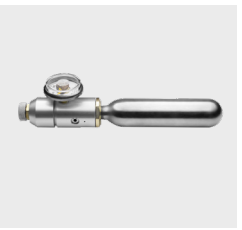
2300N SERIES

- Single stage
- Neoprene or Viton® diaphragm
- Neoprene seat
- Outlet pressures up to 60 psig / 4.14 bar

MAX INLET PRESSURE	FLOW CAPACITY	BODY MATERIAL
500 PSIG / 34.5 BAR (dependent upon configuration)	Cv: 0.04	SAE 360 Brass 6061-T6 Aluminum, Clear Anodized

2310C SERIES



- Single stage
- Viton® or neoprene diaphragm
- PFA seat
- Outlet pressures up to 60 psig / 4.14 bar
- Stainless steel piercing tip
- Reduced decaying inlet characteristic
- Integrated relief valve
- Adjusting knob with locking-nut

MAX INLET PRESSURE	FLOW CAPACITY	BODY MATERIAL
3000 PSIG / 206.84 BAR	Cv: 0.025	SAE 360 Brass 6061-T6 Aluminum, Clear Anodized

2310N SERIES

- Single stage
- Neoprene diaphragm
- PFA seat
- Reduced decaying inlet characteristic
- Adjusting knob with locking-nut

MAX INLET PRESSURE	FLOW CAPACITY	BODY MATERIAL
3000 PSIG / 206.8 BAR	Cv: 0.025	6061-T6 Aluminum, Clear Anodized

2300S SERIES

- Single stage
- Elastomer free
- Elgiloy® diaphragm
- PTFE seat
- Outlet pressures up to 150 psig /10.34 bar

MAX INLET PRESSURE	FLOW CAPACITY	BODY MATERIAL
3000 PSIG / 206.84 BAR	Cv: 0.05	SAE 360 Brass, Nickel Plated 6061-T6 Aluminum, Nickel Plated 316 Stainless Steel

2300C SERIES

- Designed for use w/ disposable gas cartridges
- Robust stainless steel piercing tip
- Integrated relief valve
- Adjusting knob w/ locking nut

MAX INLET PRESSURE	FLOW CAPACITY	BODY MATERIAL
3500 PSIG / 241.3 BAR	Cv: 0.04	SAE 360 Brass 6061-T6 Aluminum, Clear Anodized

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2310S SERIES

FEATURES	MAX INLET PRESSURE	FLOW CAPACITY	BODY MATERIAL
• Single stage • Elgiloy® diaphragm • PTFE seat • Reduced decaying inlet characteristic • Elastomer free option available	3000 PSIG / 206.84 BAR	Cv: 0.05	SAE 360 Brass, Nickel Plated 316 Stainless Steel

2790 SERIES

FEATURES	MAX INLET PRESSURE	FLOW CAPACITY	BODY MATERIAL
• Micro manifold regulator • Piston sensed • Designed to drop into manifold housing minimizing volume. • Non-venting	1500 PSIG / 241.3 BAR 3000 PSIG / 206.84 BAR	Cv: 0.0025	Aluminum,Clear Anodize 303 Stainless Steel 316 Stainless Steel Titanium TI-6AL-4V

2700 SERIES

FEATURES	MAX INLET PRESSURE	FLOW CAPACITY	BODY MATERIAL
• Piston sensed • PTFE seat • Outlet pressures up to 60 psig / 4.14 bar • Factory preset flow settings from 0.25 liters/min to 9.0 liters/min • Wide variety of shut off valve options	3000 PSIG / 206.84 BAR	preset: 0.25 lpm - 9.0 lpm	SAE 360 Brass SAE 360 Brass, Nickel Plated 6061-T6 Aluminum, Clear Anodized 316 Stainless Steel 303 Stainless Steel

2700E SERIES

FEATURES	MAX INLET PRESSURE	FLOW CAPACITY	BODY MATERIAL
• Piston sensed • PTFE seat • Factory preset flow from 0.25 to 9.0 liters/min • Rotary hand knob • C10 inlet connection	1500 PSIG / 103.4 BAR	preset: 0.25 to 9.0 liters/min	SAE 360 Brass, Nickel Plated

2701 SERIES

FEATURES	MAX INLET PRESSURE	FLOW CAPACITY	BODY MATERIAL
• Piston sensed • PTFE seat • Standard preset control pressure: 40-80 psig (2.76 - 5.52 bar) • Factory preset flow from 0.1 to 4.0 liters/min • Wide variety of shut off valve options	3000 PSIG / 206.84 BAR	preset: 0.1 slpm - 4.0 slpm	SAE 360 Brass SAE 360 Brass, Nickel Plated 6061-T6 Aluminum, Clear Anodized 316 Stainless Steel

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PREMIER INDUSTRIES

2780 SERIES

FEATURES	MAX INLET PRESSURE	FLOW CAPACITY	BODY MATERIAL
• Piston sensed • Compact and light-weight • Teflon® seat • Outlet pressures up to 60 psig / 4.14 bar • Factory preset flow settings from 0.25 liters/min to 7.0 liters/min	1000 PSIG / 68.95 BAR	preset: 0.25 lpm - 7.0 lpm	SAE 360 Brass 6061-T6 Aluminum, Clear Anodized 303 Stainless Steel

2790 SERIES

FEATURES	MAX INLET PRESSURE	FLOW CAPACITY	BODY MATERIAL
• Micro manifold regulator • Piston sensed • Designed to drop into manifold housing minimizing volume. • Non-venting	1500 PSIG / 241.3 BAR 3000 PSIG / 206.84 BAR	Cv: 0.0025	Aluminum,Clear Anodize 303 Stainless Steel 316 Stainless Steel Titanium TI-6AL-4V

2900 SERIES

FEATURES	MAX INLET PRESSURE	FLOW CAPACITY	BODY MATERIAL
• Adjustable Click stop, 12 position, variable flow settings from 0 to 8.0 lpm • PTFE seat • Standard preset control pressure 15 psig / 1.03 bar • Integral relief valve • Optional two-stage design	3500 PSIG / 241.3 BAR	0.3, 0.5, 1.0, 1.5, 2.0, 2.5, 3.0, 5.0, 6.0, 7.0, 8.0 SLPM	6061-T6 Aluminum, Clear Anodized

4300N SERIES

FEATURES	MAX INLET PRESSURE	FLOW CAPACITY	BODY MATERIAL
• Two stage regulator • 1st stage piston, 2nd stage neoprene or viton® diaphragm • PTFE & neoprene seats • Outlet pressures up to 100 PSIG / 6.89 bar • Precise stable delivery pressure even as the supply pressure decreases • Low internal volume	3000 PSIG / 206.84 BAR	Cv: 0.04	6061-T6 Aluminum, Clear Anodized 303 Stainless Steel

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4300S SERIES

FEATURES	MAX INLET PRESSURE	FLOW CAPACITY	BODY MATERIAL
• Two stage regulator • 1st stage piston, 2nd stage Elgiloy® diaphragm • PTFE seats • Outlet pressures up to 100 PSIG / 6.89 bar • Precise stable delivery pressure even as the supply pressure decreases • Low internal volume	3000 PSIG / 206.84 BAR	Cv: 0.04	SAE 360 Brass, Nickel Plated 6061-T6 Aluminum, Clear Anodized 303 Stainless Steel 316 Stainless Steel Monel®

4700 SERIES

FEATURES	MAX INLET PRESSURE	FLOW CAPACITY	BODY MATERIAL
• Two stage design for stable delivery pressures • 40 micron integral inlet filter • Preset, fixed flow • Piston sensed • PTFE seat	3000 PSIG / 206.84 BAR	preset: 0.25 lpm - 9.0 lpm	SAE 360 Brass SAE 360 Brass, Nickel Plated 6061-T6 Aluminum, Clear Anodized 303 Stainless Steel

4902 SERIES

FEATURES	MAX INLET PRESSURE	FLOW CAPACITY	BODY MATERIAL
• Demand flow regulator • Diaphragm Sensed (Buna-n or Viton®) • The unique high flow capability allows multiple analyzers on a single docking station • Integral relief valve • 40 micron stainless steel inlet filter	3000 PSIG / 206.82 BAR	3.0 lpm @ 3" H2O up to 8 lpm with increased vacuum	6061-T6 Aluminum, Clear Anodized 303 Stainless Steel SAE 360 Brass, Nickel Plated

4902 SERIES

FEATURES	MAX INLET PRESSURE	FLOW CAPACITY	BODY MATERIAL
• Demand flow regulator • Diaphragm Sensed (Buna-n or Viton®) • Compact size (2" diameter) • 40 micron stainless steel inlet filter • Stainless steel body & wetted components provide minimum degradation to cylinder gases.	3000 PSIG / 206.82 BAR	Permits the flow of gas at less than 3" H2O	303 Stainless Steel 6061-T6 Aluminum, Clear Anodize SAE 360 Brass, Nickel Plated

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TRANSPORTABLE. PRESSURE REDUCING REGULATORS.

PREMIER INDUSTRIES

3100 SERIES

FEATURES	MAX CONTROL PRESSURE	FLOW CAPACITY	BODY MATERIAL
• Designed for gas media • Piston sensed • Vespel®, PEEK®, or PCTFE seat • Optional panel mounting bracket	10000 PSIG / 689.5 BAR (Stainless Steel) 6000 PSIG / 413.7 BAR (Brass)	Cv: 0.03 Cv: 0.06 Cv: 0.14 Cv: 0.2	316 Stainless Steel SAE 360 Brass

3100AL SERIES

FEATURES	MAX CONTROL PRESSURE	FLOW CAPACITY	BODY MATERIAL
• Air loaded, Piston sensed • Vespel® or PEEK® seat • Optional panel mounting bracket • Compatible with electro-pneumatic controllers	10000 PSIG / 689.5 BAR (Stainless Steel) 6000 PSIG / 413.7 BAR (Brass)	Cv: 0.03 Cv: 0.06 Cv: 0.14 Cv: 0.2	316 Stainless Steel SAE 360 Brass

3100DL SERIES

FEATURES	MAX CONTROL PRESSURE	FLOW CAPACITY	BODY MATERIAL
• Designed for gas media • Dome loaded, Piston sensed • Vespel® main valve seat • Compatible with electro-pneumatic controllers	6000 PSIG / 413.7 BAR	Cv: 0.06 Cv: 0.14 Cv: 0.2	316 Stainless Steel SAE 360 Brass

6100 SERIES

FEATURES	MAX CONTROL PRESSURE	FLOW CAPACITY	BODY MATERIAL
• Hydraulic • Piston sensed • Choice of seat: Vespel®, 316 Stainless Steel, PEEK®, or 17-4 Stainless Steel hardened • Optional panel mounting bracket	10000 PSIG / 689.5 BAR (Stainless Steel) 6000 PSIG / 413.7 BAR (Brass)	Cv: 0.03 Cv: 0.06 Cv: 0.14 Cv: 0.2	316 Stainless Steel

6100AL SERIES

FEATURES	MAX CONTROL PRESSURE	FLOW CAPACITY	BODY MATERIAL
• Hydraulic, Piston Sensed • Choice of seat: Vespel®, PEEK®, 316 SS or 17-4SS hardened • Optional panel mounting bracket	10000 PSIG / 689.5 BAR (Stainless Steel) 6000 PSIG / 413.7 BAR (Brass)	Cv: 0.03 Cv: 0.06 Cv: 0.14 Cv: 0.2	316 Stainless Steel SAE 360 Brass

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6100DL SERIES

FEATURES	MAX CONTROL PRESSURE	FLOW CAPACITY	BODY MATERIAL
• Hydraulic • Piston Sensed • Choice of seat: Vespel®, or 17-4 Stainless Steel • Optional panel mounting bracket • Compatible w/ electro pneumatic controllers	6000 PSIG / 413.7 BAR	Cv: 0.06 Cv: 0.14 Cv: 0.2 Cv 0.4 optional	316 Stainless Steel SAE 360 Brass

3123 SERIES

FEATURES	MAX CONTROL PRESSURE	FLOW CAPACITY	BODY MATERIAL
• Designed for gas media • Piston sensed • Choice of seat: Vespel®, or PEEK® • Optional panel mounting bracket	15000 PSIG / 1034.21 BAR	Cv: 0.03 Cv: 0.06 Cv: 0.14 Cv: 0.2	316 Stainless Steel

3123AL SERIES

FEATURES	MAX CONTROL PRESSURE	FLOW CAPACITY	BODY MATERIAL
• Designed for gas media • Piston sensed • Choice of seat: Vespel®, PEEK®, 316 Stainless Steel, or 17-4 Stainless Steel • Optional panel mounting bracket	15000 PSIG / 1034.21 BAR	Cv: 0.03 Cv: 0.06 Cv: 0.14 Cv: 0.2	316 Stainless Steel

6123 SERIES

FEATURES	MAX CONTROL PRESSURE	FLOW CAPACITY	BODY MATERIAL
• Hydraulic • Piston sensed • Choice of seat: Vespel®, PEEK®, 316 Stainless Steel, or 17-4 Stainless Steel • Optional panel mounting bracket	15000 PSIG / 1034.21 BAR	Cv: 0.03 Cv: 0.06 Cv: 0.14 Cv: 0.2	316 Stainless Steel

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PREMIER INDUSTRIES

3125 SERIES

FEATURES	MAX CONTROL PRESSURE	FLOW CAPACITY	BODY MATERIAL
• High pressure • Piston Sensed • Fluted hand knob • Ball-bearing loader • Optional panel mounting bracket, panel mounting nuts or surface mounting	20000 PSIG / 1378.95 BAR	Cv: 0.03 Cv: 0.06 Cv: 0.14 Cv: 0.20	316 Stainless Steel

3125AL SERIES

FEATURES	MAX CONTROL PRESSURE	FLOW CAPACITY	BODY MATERIAL
• High pressure • Air loaded • Piston Sensed • Optional panel mounting bracket or surface mount • Compatible with electro-penumatic controllers	20000 PSIG / 1378.95 BAR	Cv: 0.03 Cv: 0.06 Cv: 0.14 Cv: 0.20	316 Stainless Steel

6125 SERIES

FEATURES	MAX CONTROL PRESSURE	FLOW CAPACITY	BODY MATERIAL
• High pressure • Hydraulic • Piston Sensed • Fluted hand knob • Ball-bearing loader • Optional panel mounting bracket, panel mounting nuts or surface mounting	20000 PSIG / 1378.95 BAR	Cv: 0.03 Cv: 0.06 Cv: 0.14 Cv: 0.20	316 Stainless Steel

3116 SERIES

FEATURES	MAX CONTROL PRESSURE	FLOW CAPACITY	BODY MATERIAL
• High flow • Piston Sensed • Surface mounting optional	10000 PSIG / 689.48 BAR (dependent on body material)	Cv: 1.0 Cv: 2.0	316 Stainless Steel 17-4 Stainless Steel

3116DL SERIES

FEATURES	MAX CONTROL PRESSURE	FLOW CAPACITY	BODY MATERIAL
• High flow • Dome loaded • Piston sensed • Surface mounting optional	10000 PSIG / 689.48 BAR (dependent on body material)	Cv: 1.0 Cv: 2.0	316 Stainless Steel 17-4 Stainless Steel

3116SL SERIES

FEATURES	MAX CONTROL PRESSURE	FLOW CAPACITY	BODY MATERIAL
• High flow • Stacked loader • Piston sensed • Surface mounting optional	10000 PSIG / 689.48 BAR (dependent on body material)	Cv: 1.0 Cv: 2.0	316 Stainless Steel 17-4 Stainless Steel

6116 SERIES

FEATURES	MAX CONTROL PRESSURE	FLOW CAPACITY	BODY MATERIAL
• High flow • Hydraulic • Piston Sensed • Surface mounting optional	10000 PSIG / 689.48 BAR (dependent on body material)	Cv: 1.0 Cv: 2.0	316 Stainless Steel 17-4 Stainless Steel

6116DL SERIES

FEATURES	MAX CONTROL PRESSURE	FLOW CAPACITY	BODY MATERIAL
• High flow • Dome loaded • Hydraulic • Piston Sensed • Surface mounting optional	10000 PSIG / 689.48 BAR (dependent on body material)	Cv: 1.0 Cv: 2.0	316 Stainless Steel 17-4 Stainless Steel

6116SL SERIES

FEATURES	MAX CONTROL PRESSURE	FLOW CAPACITY	BODY MATERIAL
• High flow • Stacked loader • Hydraulic • Piston Sensed • Surface mounting optional	10000 PSIG / 689.48 BAR (dependent on body material)	Cv: 1.0 Cv: 2.0	316 Stainless Steel 17-4 Stainless Steel

2440 SERIES

FEATURES	MAX CONTROL PRESSURE	FLOW CAPACITY	BODY MATERIAL
• High Flow / Low Pressure • High sensitivity • Compact, non-rising stem • Control pressure range: 0-75 PSIG / 0-5.17 BAR • Exceptional sensitivity and accuracy • Neoprene diaphragm	75 PSIG / 5.17 BAR	Cv: 4.0	303 Stainless Steel

5150 SERIES

FEATURES	MAX CONTROL PRESSURE	FLOW CAPACITY	BODY MATERIAL
• High Flow / Low Pressure • Piston sensed • Compact, non-rising stem • Control pressures up to 200 PSIG / 13.79 BAR	200 PSIG / 13.79 BAR	Cv: 5.0	6061-T6 Aluminum, Clear Anodized 316 Stainless Steel

5150AL SERIES

FEATURES	MAX CONTROL PRESSURE	FLOW CAPACITY	BODY MATERIAL
• High Flow, Low Pressure • Air Loaded • PTFE seat • Piston sensed • 100 PSIG / 6.89 BAR max load • Control pressures up to 300 PSIG / 20.68 BAR	300 PSIG / 20.68 BAR	Cv: 5.0	6061-T6 Aluminum, Clear Anodized 316 Stainless Steel

2100 SERIES

FEATURES	MAX CONTROL PRESSURE	FLOW CAPACITY	BODY MATERIAL
• 316 stainless steel, Viton®, or BUNA-N diaphragm • PFA seat • Optional metal to metal seat	500 PSIG / 34.5 BAR	Cv: 0.14 Cv: 0.2	316 Stainless Steel 303 Stainless Steel SAE 360 Brass SAE 360 Brass, Nickel Plated

2100DLB SERIES

FEATURES	MAX CONTROL PRESSURE	FLOW CAPACITY	BODY MATERIAL
• Dome loaded / bias spring • Elastomer free • Max load pressure of 500 psig / 34.5 bar • PCTFE seat • Preset spring bias up to 100 PSIG / 6.89 BAR	600 PSIG / 41.4 BAR	Cv: 0.14 Cv: 0.2	316 Stainless Steel

2150A SERIES

FEATURES	MAX CONTROL PRESSURE	FLOW CAPACITY	BODY MATERIAL
• Absolute pressure control • Large stainless steel or Elgiloy® diaphragm for increased sensitivity and reduced droop • Captured bonnet vent	-28"HG ABSOLUTE - 150 PSIG -28"HG ABSOLUTE - 100 PSIG	Cv: 0.04 Cv: 0.2	316 Stainless Steel

2400 SERIES

FEATURES	MAX CONTROL PRESSURE	FLOW CAPACITY	BODY MATERIAL
• High sensitivity • Viton® diaphragm with stainless steel liner • Viton® seat • Optional panel mounting nut	75 PSIG / 5.2 BAR	Cv: 0.6	6061-T6 Aluminum, Nickel Plated 303 Stainless Steel

2400DL SERIES

FEATURES	MAX CONTROL PRESSURE	FLOW CAPACITY	BODY MATERIAL
• Dome loaded, high sensitivity • Viton® diaphragm • Viton® seat • 1.3 to 1 dome load • Cracking pressure: 0-75 PSIG (0-5.17 BAR)	75 PSIG / 5.2 BAR	Cv: 0.6	303 Stainless Steel

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PREMIER INDUSTRIES

P91W SERIES

FEATURES	MAX CONTROL PRESSURE	FLOW CAPACITY	BODY MATERIAL
• Dome loaded mity mite replacement • Gylon® 3522 diaphragm • Control pressures up to 3000 psig / 206.8 bar • Optional precharge isolation valve	3000 PSIG / 206.8 BAR	Cv: 0.38 Cv: 0.17	316 Stainless Steel 2024-T4 Aluminum

Gylon® is a registered trademark of Garlock, Inc.

AO VALVES

FEATURES	MAX INLET PRESSURE	VALVE SEAT	BODY MATERIAL
• High operating pressures • Low actuation pressure: 70 PSIG / 4.8 BAR • Cv: 0.47, 0.8, 2.0, 5.0 • Stainless steel body • Compatible with electro-pneumatic controllers • Optional solenoid adapter • Normally open or closed designs • Designs for use with hypergolic fuels	10000 PSIG / 689.5 BAR	Vespel®	316 Stainless Steel 303 Stainless Steel 17-4 Stainless Steel C693 Eco Brass 6061-T6 Aluminum, Clear Anodized Monel®

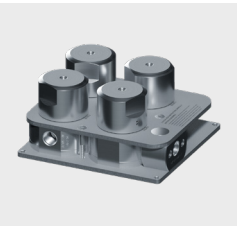
AO32 0.80 SERIES

FEATURES	MAX INLET PRESSURE	FLOW CAPACITY	MATERIAL
• Pneumatically operated, high pressure 3/2 valve • Configurations available for chemical resistance, oxygen service, and hydraulic applications • Actuation pressure: 90-110 PSIG (6.2-7.6 BAR) • Normally open or normally closed, or switching	10000 PSIG /689.5 BAR	Cv: 0.80	693 Eco Brass 316 Stainless Steel

AO32 2.0 SERIES

FEATURES	MAX INLET PRESSURE	FLOW CAPACITY	MATERIAL
• Pneumatically operated, high pressure 3/2 valve • Configurations available for chemical resistance, oxygen service, and hydraulic applications • Actuation pressure: 90-110 PSIG (6.2-7.6 BAR) • Normally open or normally closed, or switching	10000 PSIG /689.5 BAR	Cv: 2.0	316 Stainless Steel

AO QUAD PACK



FEATURES	MAX INLET PRESSURE	FLOW CAPACITY	MATERIAL
• Pneumatically operated, high pressure valves • Configurations available for chemical resistance, oxygen service, and hydraulic applications • Actuation pressure: 110 PSIG MAX (7.6 BAR) • Normally open or normally closed	10000 PSIG /689.5 BAR	Cv: 2.0	693 Eco Brass 316 Stainless Steel

PREMIER INDUSTRIES

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70-1100A VALVE

FEATURES	MAX INLET PRESSURE	FLOW CAPACITY	BODY MATERIAL
• High operating pressures • Low torque at high pressure • Metal stop prevents stem-over-travel • Bubble-tight shut off • Angle configuration	10000 PSIG / 689.5 BAR	Cv 0.42	316 Stainless Steel SAE 360 Brass

70-1100G VALVE

FEATURES	MAX INLET PRESSURE	FLOW CAPACITY	BODY MATERIAL
• High operating pressures • Low torque at high pressure • Metal stop prevents stem-over-travel • Bubble-tight shut off • Globe configuration	10000 PSIG / 689.5 BAR	Cv 0.42	316 Stainless Steel

70-1200G VALVE

FEATURES	MAX INLET PRESSURE	FLOW CAPACITY	BODY MATERIAL
• High operating pressures • Low torque at high pressure • Bubble-tight shut off • Globe configuration • Cv 8.0 • Metal stop prevents stem-over-travel	6000 PSIG / 413.7 BAR	Cv 8.0	316 Stainless Steel

70-1300A VALVE

FEATURES	MAX INLET PRESSURE	FLOW CAPACITY	BODY MATERIAL
• High operating pressures • Low-torque at high pressure • Bubble-tight shut off • Angle configuration • Cv 2.3 • Metal stop prevents stem-over-travel	10000 PSIG / 689.5 BAR	Cv 2.3	316 Stainless Steel

70-1300G VALVE

FEATURES	MAX INLET PRESSURE	FLOW CAPACITY	BODY MATERIAL
• High operating pressures • Low-torque at high pressure • Bubble-tight shut off • Globe configuration • Cv 1.6 • Metal stop prevents stem-over-travel	10000 PSIG / 689.5 BAR	Cv 1.6	316 Stainless Steel

70-2100AB VALVE

FEATURES	MAX INLET PRESSURE	VALVE SEAT	BODY MATERIAL
• Bleed/vent valve • Low torque at high pressure • Bubble-tight shut off • Metal stop prevents stem-over-travel • Can be used to bleed downstream pressure to 0	10000 PSIG / 689.5 BAR	Vespel SP-1® PTFE PCTFE PEEK®	316 Stainless Steel SAE 360 Brass

RELIEF VALVE

FEATURES	MAX RELIEF PRESSURE	MATERIAL
• Captured outlet • PCTFE seat • Compatible with gas and hydraulic media	1800 PSIG / 124.11 BAR	SAE 360 Brass, Nickel Plated 6061-T6 Aluminum, Nickel Plated 303 Stainless Steel 316 Stainless Steel

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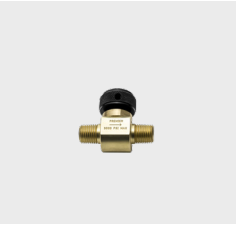
PEEK® is a registered trademark of Victrex PLC

STAINLESS STEEL SHUT OFF VALVES	FEATURES	MAX INLET PRESSURE	VALVE SEAT	BODY MATERIAL
	• 17-4 stainless steel valve stem • Cv: 0.25 • Optional integrated burst disks and relief valves • Optional dip tube	3000 PSIG / 206.82 BAR	PCTFE or PEEK®	316 Stainless Steel

MINIATURE BRASS SHUT OFF VALVES	FEATURES	MAX INLET PRESSURE	VALVE SEAT	BODY MATERIAL
	• 303 stainless steel valve stem • Cv: 0.25 • Metal to metal seal	3000 PSIG / 206.82 BAR	SAE 360 Brass	SAE 360 Brass

EXCESS FLOW PREVENTION VALVES	FEATURES	MAX INLET PRESSURE	VALVE SEAT	BODY MATERIAL
	• Automatically shut off the flow of gas when flow exceeds a preset level. Factory adjustable flow trip point • Convenient integrated bypass valve/reset slider • Complete shut off when tripped (no bleed) • High Sensitivity model	3000 PSIG / 206.82 BAR (dependent upon configuration)		SAE 360 Brass 303 Stainless Steel 6061-T6 Aluminum, Clear Anodized

FLOW SIGHT TUBE VALVE

FEATURES	MAX INLET PRESSURE	BODY MATERIAL
• Acrylic flow indicator • Needle style shut off valve	600 PSIG / 41.37 BAR	SAE 360 Brass

SAMPLING CYLINDERS

FEATURES	MAX INLET PRESSURE	VALVE SEAT	BODY MATERIAL
• Seamless 316 stainless steel cylinders • 316 stainless steel inlet and outlet valves • 50 cc, 150cc, 300cc, 500cc cylinders • Optional pressure relief devices	1800 PSIG / 124.11 BAR (CYLINDERS) 3000 PSIG / 206.82 BAR (VALVES)	PCTFE valve seats	316 Stainless Steel (cylinders & valves)

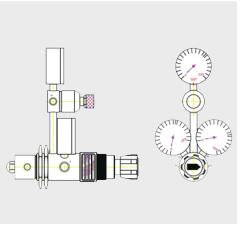
CR2500 SERIES

STANDARD COMPONENTS	MAX INLET PRESSURE	MAX PROCESS FLOW RATE	BODY MATERIAL
• One stainless steel diaphragm changeover regulator	3000 psig / 206.84 bar	Cv: 0.08 Cv: 0.20	SAE 360 Brass SAE 360 Brass, Nickel Plated 316 Stainless Steel 6061-T6 Aluminum, Clear Anodized

ACS2500 SERIES

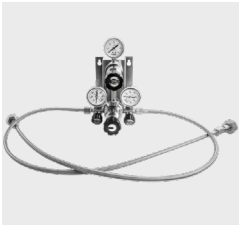
STANDARD COMPONENTS	MAX INLET PRESSURE	MAX PROCESS FLOW RATE	BODY MATERIAL
• 2 - Premier 2500 Series, single stage regulators • Integrated relief valve • Stainless steel mounting bracket	3000 psig / 206.84 bar dependent upon configuration	Cv: 0.20	SAE 360 Brass SAE 360 Brass, Nickel Plated 6061-T6 Aluminum, Clear Anodized 316 Stainless Steel

ACS2500 SERIES



STANDARD COMPONENTS	MAX INLET PRESSURE	MAX PROCESS FLOW RATE	BODY MATERIAL
• 1 - Premier changeover regulator • 1 - Premier 2300 Series, line regulator • 2 - Panel Mounting Nuts	3000 psig / 206.84 bar dependent upon configuration	Cv: 0.08	SAE 360 Brass SAE 360 Brass, Nickel Plated 6061-T6 Aluminum, Clear Anodized 316 Stainless Steel

CS2500 SERIES

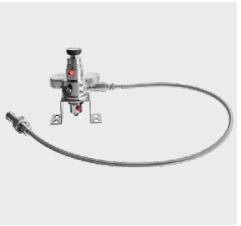


STANDARD COMPONENTS	MAX INLET PRESSURE	MAX PROCESS FLOW RATE	BODY MATERIAL
• 1 - Premier changeover regulator • 1 - Premier 2500 Series line regulator • 1 - Stainless Steel mounting Bracket with 4 - holes for 1/4" screws • 2 - Check valves in Stainless Steel or Brass	3000 psig / 206.84 bar dependent upon configuration	Cv: 0.08	SAE 360 Brass SAE 360 Brass, Nickel Plated 6061-T6 Aluminum, Clear Anodized 316 Stainless Steel

M2500 SERIES

STANDARD COMPONENTS	MAX INLET PRESSURE	MAX PROCESS FLOW RATE	BODY MATERIAL
• 1 Premier 2500 Series, two stage regulator • 1 Stainless Steel mounting Bracket with 4 holes for 1/4" screws • Check valve(s) in brass or stainless steel	3000 psig / 206.84 bar dependent upon configuration	3.5 SLPM	SAE 360 Brass SAE 360 Brass, Nickel Plated 316 Stainless Steel

M4500 SERIES



STANDARD COMPONENTS	MAX INLET PRESSURE	MAX PROCESS FLOW RATE	BODY MATERIAL
• 1 Premier 4500 Series, two stage regulator • 1 Stainless Steel mounting Bracket with 4 holes for 1/4" screws • Check valve(s) in brass or stainless steel	3000 psig / 206.84 bar dependent upon configuration	Cv: 0.08	SAE 360 Brass SAE 360 Brass, Nickel Plated 6061-T6 Aluminum, 316 Stainless Steel

R0.1 SERIES

FEATURES	MAX INLET PRESSURE	FLOW CAPACITY	BODY MATERIAL
• Roughing regulator • Used with high pressure regulators for increased outlet pressure stability • 7/8" hex for easy torque	10000 PSIG / 689.5 BAR	Cv: 0.1	316 Stainless Steel 303 Stainless Steel

EC SERIES

FEATURES	MAX INLET PRESSURE	WETTED MATERIALS
• Electronic controller • 1/8" FNPT inlet • Analog or serial setpoint signal • Calibrated range: 0-150 psig • Max sensed process pressure: Up to 20000 PSIG	150 PSIG / 10.34 BAR	Viton Elastomers

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FEATURES	MAWP PRESSURE	FLOW CAPACITY	MATERIAL
• Helps prevent the number 1 cause of failure in regulators. • Extends the lifespan of pressure regulators and system components • Simpler Maintenance: allows for easier cleaning or replacement without disassembling pressure regulators in the field.	6000 PSIG / 413.7 BAR MAX	Cv 1.0 Cv 2.0	SAE 360 Brass 6061-T6 Aluminum 316 Stainless Steel

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