FLOW CONTROL VALVES

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Flow Control Valves are perfect for your fluid applications. Whether it’s throttling, regulating, or fine-tuning flow rates, they will get the job done.

REGULATORS

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Pneuline has regulators perfect for your flow control demands!

RA SERIES

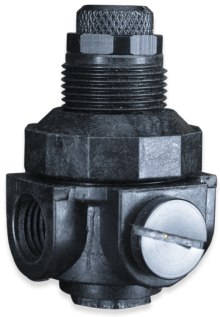
RA Series are precision relieving and non-relieving regulators made with a Polysulfone body and Acetal stem, Buna-n or EPDM seals and stainless steel springs. 150 PSI maximum input with a 20-turn adjustment allows pressure settings to 1 Inch WC. Available with threads of 10-32 Female or 1/8 inch FNPT. These regulators can be purchased in a low-profile preset design with pressure ranges of 3.5, 10, 30, 60, or 90 psi. . Factory preset tamper-proof regulators are also available in a low profile measuring only 1.75 inches high. Optional with a standard screwdriver slot adjustment. Used for robotics, medical equipment, and process control applications.

SKU	Description
RA-10-18F-K	Regulator 10 psi 1/8 inch NPT Knob
RA-18-10WK	Regulator 10 psi 1/8 inch NPT 0-10 Knob
RA-18-3.5WK	Regulator 10 psi 1/8 inch NPT 0-10 Knob
RA-18-30WK	Regulator 30 psi 1/8 inch NPT 0-30 Knob
RA-18-NR-10WOS	Regulator NR 10 psi 1/8 inch NPT 0-10 WOS
RA-30-1032-K-R	Regulator 30 psi 10-32 Ports Knob Relieving
RA-1032-3.5P	10-32 Female 3.5 psi Relieving
RA-1032-10P	10-32 Female 10 psi Relieving
RA-1032-30P	10-32 Female 30 psi Relieving
RA-1032-60P	10-32 Female 60 psi Relieving
RA-1032-10P-SL-R	10-32 Female 10 psi with Screwdriver Slot, Relieving

NRM REGULATOR SERIES

This non-relieving Regulator is made of NSF and FDA approved Acetal with Stainless Steel and food-grade EPDM elastomer. It has a 1/4" female NPT inlet and outlet ports. It can be used for potable and deionized water. There is an adjustable pressure knob. The maximum pressure is 150 psi and the temperature range is 35˚F to 125˚F. There is an available regulator for compressed air and non-potable water.

SKU	DESCRIPTION
NRM-10	1/4 FNPT Preset 3 psi, 0-10 range
NRM-25	1/4 FNPT Preset 15 psi, 0-25 range
NRM-50	1/4 FNPT Preset 40 psi, 5-50 range
NRM-125	1/4 FNPT Preset 50 psi, 5-125 range



RWL SERIES

Water Pressure Regulator made of NSF-approved Thermoplastics with FDA-grade EPDM disc, Buna-N diaphragm, and seals. It has a straight-through or 90˚ inlet to outlet option and a clean-out plug on the bottom. The temperature range is 33˚ F to 150˚ F and the maximum operating pressure is 300 psi. The inlet and outlet sizes are 1/4" and the regulator can have either 2 or 4 outlets.

SKU	DESCRIPTION
RWL-2-14-125	2-1/4 ports 0- 125 psi Water Regulator
RWL-2-14-25	2-1/4 ports 0- 25 psi Water Regulator
RWL-2-14-60	2-1/4 ports 0- 60 psi Water Regulator
RWL-25	4-1/4 ports 0-25 psi Water Regulator
RWL-4-14-25	4 1/4 ports 0- 25 psi Water Regulator
RWL-4-14-60	4 1/4 ports 0- 60 psi Water Regulator
RWL-4-14-125	4 1/4 ports 125 psi Water Regulator

NBR SERIES

The 2-way non-exhausting Air Regulator is made of Electroless Nickel Plated Brass with a small knurled knob and is panel mountable. The input port can be 10-32 male or female threads; 1/16”, 3/32”, and 1/8” Barb; 1/8” Female NPT or 1/4-20 Female threads. Also, the outlet port can be 10-32 male or female threads or 1/16”, 3/32”, or 1/8” Barb. The panel mount threads are 15/32-32. The maximum operating pressure is 5 to 80 psi and the maximum operating temperature is 180˚ F. 3-way exhausting is also available.

RP SERIES

This Pressure Regulator is made of NSF-approved Acetal with port sizes of 1/4" (R25) and 3/8” (R45). Both have 1/4" gauge port threads. The maximum supply pressure is 125 psi and the temperature range is 40˚ F to 125˚ F. The spring pressure ranges are 0-25 psi, 0-60 psi, and 0-125 psi. This Regulator is recommended for compressed air. The 1/4" regulator is relieving and the 3/8” is non-relieving.

RAAW SERIES

RAAW Series is a 1/8” or 1/4" 4-port mini air Regulator made of glass-filled Nylon with Buna-N seals. The supply pressure is 250 psi with a standard operating range of 5 – 125 psi, 3 – 60 psi, and 3 – 20 psi. The temperature range is 40˚ F to 120˚ F. It has a 3-position non-rising adjustment knob which can be detached to make it tamper-resistant. Also, a tamper-proof cap is included. This unit is lightweight, panel-mountable and the relieving style is standard.

RELIEF VALVES

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Relief Valves distributed by Pneuline Supply, Inc. are Spring-Loaded Valves, typically with preset pressures. Available in various Plastics and Metals. Manual Bleed Valves, including Slide Valves, offer an easy solution for the release of excess pressure from a system.

RA SERIES

RA Series are precision relieving and non-relieving regulators made with a Polysulfone body and Acetal stem, Buna-n or EPDM seals and stainless steel springs. 150 PSI maximum input with a 20-turn adjustment allows pressure settings to 1 Inch WC. Available with threads of 10-32 Female or 1/8 inch FNPT. These regulators can be purchased in a low-profile preset design with pressure ranges of 3.5, 10, 30, 60, or 90 psi. . Factory preset tamper-proof regulators are also available in a low profile measuring only 1.75 inches high. Optional with a standard screwdriver slot adjustment. Used for robotics, medical equipment, and process control applications.

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RA-1032-30P	10-32 Female 30 psi Relieving
RA-1032-60P	10-32 Female 60 psi Relieving
RA-1032-10P-SL-R	10-32 Female 10 psi with Screwdriver Slot, Relieving

VRV SERIES

This is a vent-to-atmosphere Relief Valve. It is an accurate design that offers repeatability and dependability. Cracking pressure is set and tested for accuracy. Male NPT threads in 1/4”, 3/8”, and 1/2” sizes. Maximum pressure is 200 psi. Made of Nickel-plated Brass, 303 Stainless Steel and Brass. An optional dust cover is available.

SKU	Description
VRV-14-10E-CAL	1/4 inch Male NPT 10 psi EPDM Cap Aluminum Relief Valve
VRV-14-10-NP	1/4 inch Male NPT 10 psi Nickel-Plated Relief Valve
VRV-12-90	1/2 inch Male NPT 90 psi Brass Relief Valve
VRV-38-30-303	3/8 inch Male NPT 30 psi 303 Stainless Steel Relief Valve

TBVA SERIES

TBVA Series is a Brass Relief Valve with 1/8” male NPT threads and side exhaust. Maximum working pressure of 150psi.

PPBN SERIES

The PPBN Series is an Electroless Nickel-plated Brass push-button Relief Valve that is corrosion-resistant. The operating pressure is 0 to 125 psi. Releases pressurized air at a rate of 100 in^3 in 4 seconds. Available in NPT or UNF threads.

SKU	DESCRIPTION
PPBN-1032	10-32 Push Button Bleed Valve
PPBN-2M	1/8 NPT Push Button Bleed Valve
PPBN-4M	1/4 NPT Push Button Bleed Valve

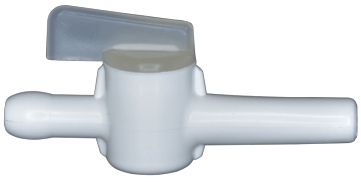
STOPCOCKS

HFSC SERIES STOPCOCKS

4-way Stopcock is available in Polycarbonate, Acetal, Polyethylene, HDPE, Acrylic and Silicone. These Stopcocks are chemically resistant and not made with DEHP. Connection options include male luer slip, male luer lock, male luer with spin lock, rotating male luer lock, female luer lock, and tubing ports. Psi is 50, higher pressures are available on request.

SKU	DESCRIPTION
HFSC-4-MSFF-PC	4-Way Stopcock Male Slip by FF Polycarbonate
HFSC-4-FFF-PC	4-Way Stopcock FFF Polycarbonate
HFSC-4-FFM-PC	4-Way Stopcock FFM Polycarbonate
HFSC-4-FMM-PC	4-Way Stopcock FMM Polycarbonate
HFSC-4-FMF-PC	4-Way Stopcock FMF Polycarbonate
HFSC-4-MFF-PC	4-Way Stopcock MFF Polycarbonate
HFSC-4-MFM-PC	4-Way Stopcock MFM Polycarbonate
HFSC-4-MMF-PC	4-Way Stopcock MMF Polycarbonate
HFSC-4-MMM-PC	4-Way Stopcock MMM Polycarbonate
HFSC-4-MSFF-PC	4-Way Stopcock Male Slip by FF Polycarbonate

MS SERIES



This is a miniature stopcock made of high-density polypropylene. The key turns easily so no lubricant is needed, eliminating blockage of the bores with grease. This is not for pressurized lines.

ASAHI SERIES

These Lab valves for low pressure applications have an NSF61 PVC body with EPDM O rings. The lever handle provides precise fingertip control with a 90° turning radius. They have 1/4" NPT threads and hose barb tapers from 3/8" to 5/8". Rated for full vacuum, the pressure rating is 150 psi up to 120°F for many laboratories process control monitoring and fluid sampling uses. Also, these valves come in 7 configurations. They can be used for chemical processing, water, and wastewater. In addition, these valves are not FDA-compliant.

2WS SERIES

This easily mountable 2-way Stopcock is constructed from high-quality polypropylene and polyethylene, ensuring durability and reliability. It is designed to operate efficiently within a temperature range of 41°F to 104°F, making it suitable for various applications. Additionally, this stopcock can withstand a max pressure of 14.5 psi, providing robust performance under demanding conditions. In conclusion, its user-friendly design allows for quick and secure mounting, making it an ideal choice for residential and commercial use.