

Paper Production Products

Pneumatic Products



T10 Air Pressure Regulator

The highly rugged design of the Type 10 includes unique features such as high start-up stability, incorporation of a high-gain pneumatic servo amplifier for regulated pressure, incorporation of an extra-large capacity integral relief valve, and incorporation of a high-performance servo-operated control mechanism in the regulator, for added pressure stability. The entire measuring element, including pilot valve, is fabricated from heat-treated stainless steel to eliminate hysteresis or permanent deformation under all working conditions.

Applications:

- Forming
- Sizing



T50 Precision Filter Air Set Regulator

The user-adjustable Type 50 series offers superior pressure regulation vs. flow characteristics, excellent stability, repeatability and built-in filter with dripwell. A rubberized, soft-seat valve stem provides positive shut-off and "forgives" dirt or other foreign matter. An aspirator maintains downstream pressure and compensates for droop when high flow occurs. A gauge port facilitates convenient gauge installation and can be used as an additional full flow outlet. In addition, Type 50 regulators include an easily serviceable and self-cleaning 40 micron filter, and can be side, panel, pipe or through-body mounted.

Applications:

- Air Regulation
- Air Filtration
- Air Compression



T70 High Flow Air Pressure Regulator

The Marsh Bellofram Type 70 High-Flow Air Pressure Regulator is expressly designed for applications requiring substantial flow capacity of up to 80 SCFM (2250 LPM) and accurate pressure controls. Downstream pressure can be set within 0.25 in. (6.3mm) of water column and is accurately maintained under varying conditions via an aspirator tube which adjusts air supply in accordance with flow velocity. A balanced supply valve, makes the regulator virtually immune to changes in supply pressure, and offers millions of cycles.

Applications:

- Forming
- Sizing



Air Cylinders

Diaphragm Air Cylinder applications are almost unlimited. They are replacing conventionally sealed cylinders and actuators where low cost and availability are requirements. They can be used with vacuum and gaseous pressure systems.

Applications:

- Pressing
- Reeling
- Winding
- Wrapping
- Roll Handling

Paper Production Products

Transducers



T1000 IP & EP Transducers

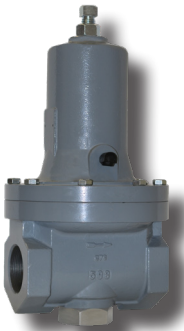
Type 1000 IP and EP Transducers are electro-pneumatic transducers that reduce a supply pressure to a regulated output pressure directly proportional to a converted electrical input signal. The Type 1000 accepts a wide range of supply pressures, ranging from a minimum of 3 psig (0.2 BAR) above the maximum output up to 150 psig (6.9 BAR). An integral pneumatic volume booster provides high flow capacity (up to 12 SCFM/339 slpm). Model selections include general purpose, NEMA 4X Type, extended range, high relief, intrinsically safe, and explosion proof.

Applications:

- Winding
- Wrapping
- Cooking

BelGAS Paper Products

P95H Pressure Reducing Regulator



The P95H is a direct operating pressure reducing regulator with large capacity. Ideally suited for uses in oil and gas, process gases, steam and liquids. Available in four spring ranges, metal or elastomer diaphragm, and numerous orifice/seat materials.

Applications:

- Log Handling
- Drying
- Wood Chipper
- Debarking
- Bleaching

P98H Back Pressure Regulator



The P98H monitors upstream pressure and opens to relieve excess pressure increases above setpoint. As a Back Pressure Regulator, the upstream pressure is monitored and released downstream when the setpoint is exceeded.

Applications:

- Log Handling
- Drying
- Wood Chipper
- Debarking
- Bleaching

Marsh Gauges



Marsh Instruments Paper Machine Gauges are available in nine ranges and fit existing panel cutouts. The rugged case features a front flanged/hinged ring design which allows easy access to a weepole that prevents condensation buildup. A restrictor is standard. The Marsh Paper Machine Gauge is available in 3 1/2" size only. Each gauge has a weather-tight seal to protect against dust and atmospheric contaminants.



Marsh Instruments offers a wide array of gauges that can be used in any application in the paper making process. Marsh offers stainless steel gauges that can withstand the moisture and harsh conditions present in pulp and paper applications. Consult a Marsh Bellofram representative and we can help you select your gauge today.

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