

AIR FILTER / REGULATOR

RELIABLE POINT-OF-USE FILTER / REGULATORS SPECIFICALLY DEVELOPED FOR AIR OPERATED DOUBLE DIAPHRAGM PUMPS



020.V104.000

020.V103.000

Features

- Includes a durable liquid filled pressure gauge to dampen the effects of pulsation & vibration common in pump applications
- Adjust & lock to deliver a constant air pressure
- Integral mounting slots eliminate the need for mounting brackets*
- Polyurethane Bowls offer improved chemical resistance*
- Automatic drain removes condensate as required

(* Up to 3/4" Units)

Benefits

- **REDUCED MAINTENANCE**
Clean, regulated air is the key to trouble free pump operation
- **LOWER OPERATING COSTS**
Lower energy costs through reduced air consumption & less demand on compressors
- **EXTENDED PUMP LIFE**
Reduce the stress on wear components by proportioning the air pressure to the required amount
- **RELIABILITY**
Properly sized & engineered to optimize pump performance
- **PUMP PROTECTION**
Protects the pump's main air valve by efficiently removing solid and liquid contaminants from compressed air lines
- **SAFE OPERATION**
Operate your pump at the lowest required air pressure for your application
- **COMPACT & CONVENIENT**
Our modular Filter/Regulators filter & regulate your air supply in a single, easy to install unit
- **PRECISE PUMP CONTROL**
Easy air pressure adjustment to vary the pump's flow rate & operate the pump at the optimal speed for your system

DON'T LET DIRTY, WET & CONTAMINATED COMPRESSED AIR LIMIT THE PERFORMANCE OF YOUR AODD PUMPS

WE RECOMMEND THE USE OF A FILTER/REGULATOR WITH EVERY PUMP

TECHNICAL SPECIFICATIONS & ORDERING INFORMATION

Part Number	Port Size	Max Flow (SCFM)	Description	Pump Models	Max Inlet Pressure	Regulating Pressure Range	Replacement Filter Element Part Number	Lockout Valve Part Number	Mounting Bracket Kit Part Number	Replacement Pressure Gauge Part Number	Lubricator Part Number
020.V103.000	1/4" NPT	35	Filter/Regulator w/ gauge (20 micron)	E6, E8	150 psi (10.2 bar)	0 -125 psi (0 - 8.6 bar)	020.049.004	020.049.002	020.049.007	020.101.000	020.V113.000
020.V104.000	1/2" NPT	80	Filter/Regulator w/ gauge (40 micron)	E1, E2HP, E4, E40, E5, E7, N25, V4	150 psi (10.2 bar)	0 -125 psi (0 - 8.6 bar)	020.050.004	020.050.002	020.050.007	020.101.000	020.V114.000
020.V105.000	3/4" NPT	150	Filter/Regulator w/ gauge (40 micron)	E2, N50, V2, V3	150 psi (10.2 bar)	0 -125 psi (0 - 8.6 bar)	020.051.004	020.051.002	020.051.007	020.102.000	020.V115.000
020.V106.000	1" NPT	250	Filter/Regulator w/ gauge & mounting bracket kit (40 micron)	E3, U2	175 psi (12.1 bar)	0 -125 psi (0 - 8.6 bar)	020.052.004	020.052.002	020.052.007	020.102.000	020.V116.000
020.V107.000 for 	1" NPT	250	Filter/Regulator w/ gauge & mounting bracket kit (20 micron)	RE2, RE3	175 psi (12.1 bar)	0 -125 psi (0 - 8.6 bar)	020.070.004	020.052.002	020.052.007	020.102.000	Not Recommended

TEMPERATURE RATINGS: 40°F TO 125°F (4.4°C TO 52°C)

DO I NEED A LUBRICATOR?

Our pumps are designed to operate WITHOUT lubrication and this is the preferred mode of operation. In applications with poor quality air supplies or where nitrogen is being utilized to operate the pump, lubrication of the compressed air supply is required. For these situations, we offer a complete line of Lubricators that easily connect to our Filter/Regulators.

OPTIONAL FILTER / REGULATOR ACCESSORIES

Replacement Filter Element



- Filter element service periods depend on many variables such as air cleanliness. As a general guideline, we recommend that you replace your filter element every 6 months.

Lockout Valve



- Safely isolate downstream equipment with this in-line, 3-way lockable shut off valve. Vented to relieve downstream pressure in off position.

Mounting Bracket Kit



- The integral mounting slots typically eliminate the need for mounting brackets. Some applications may require the use of this kit for panel or wall mounting where additional spacing is necessary.

Replacement Pressure Gauge



- This glycerine filled pressure gauge, designed for use with AODD pumps, helps dampen the effects of vibration, while providing lubrication and extending the life of the gauge.

Lubricator



- Point-of-use lubricators that provide consistent lubrication under variable flow conditions.

VERSA-MATIC ACCESSORIES



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