



Graver Technologies

FILTRATION | SEPARATION | PURIFICATION

Filters for Natural Gas Transmission & Distribution

Industry Leading Quality

Graver is dedicated to continuous improvement to provide customers with superior quality products. Graver is in compliance with a number of applicable registrations and certifications to ensure we develop and manufacture products to meet the most rigorous global standards, and ultimately help our customers mitigate safety risks.

- ISO 9001:2015
- 10CFR50 App. B
- ASME Section VIII, Division I
- PED 97/23/EC
- NSF International
- EU 1935/2004



Standard Filter Products & Engineered Filtration Solutions

Graver Technologies, a Berkshire Hathaway company, has been designing and manufacturing superior filtration, separation, and purification solutions for more than 100 years. Graver Technologies' Air and Gas Filtration offers a vast array of filtration products that can address a wide range of process filtration applications. Our filters can be found protecting all types of rotating equipment, including vacuum pumps, turbines, meters, and compressors.

When our standard filters don't meet the full expectation of our customers, our engineering team can provide designs that meets the most stringent customer specifications. Whether the application calls for a special paint process, the addition of ancillary devices or NDE requirements, we are ready to support your projects with superior quality and short delivery lead time.

The Application: Natural Gas Transmission & Distribution

Natural gas traveling through pipelines can pick up some degrees of contaminants, such as dust, dirt, rust, pipe scale, welding slag, oil, water and chemicals used to reduce pipe corrosion, causing:

- Compressor damage
- Regulator and meter damage
- Increased pipeline maintenance

Sending natural gas through Graver's AGS series coalescers and/or CP series particulate filters before entering compressor stations will eliminate any solids and liquids that would potentially lead to compressor failure. A coalescing AGS filter should also be in place afterwards to eliminate any compressor lube oil from getting into downstream pipeline.

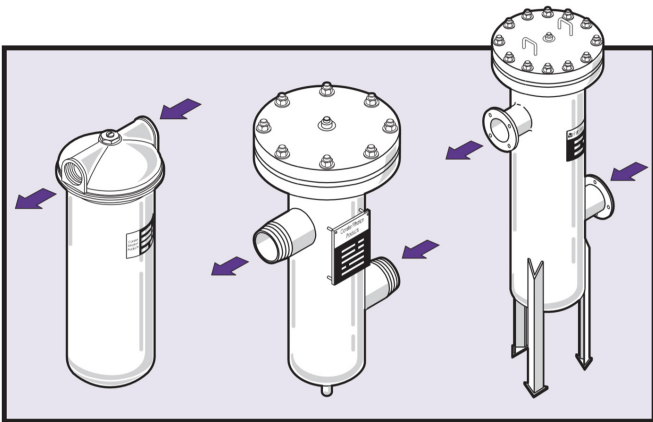
Graver's superior 709 grade filter media brings extended service life while providing industry leading filtration performance, and keeps operating cost LOW for our customers.

AGS Filter/Coalescer Series

AGS Filter/Separators are in line coalescing filters that are designed to remove liquid and solid contaminants from compressed air and gas streams. The AGS series offers multi-layer fiberglass coalescing elements. Our units can be designed for both single and multistage designs.

Features:

- Removes solid and liquid contaminants: 0.3 μ and 1 μ @ >99%
- Pressures from 15 PSIG to 5,000 PSIG
- Flows from 100 SCFM to 61,000 SCFM
- Temperatures to 300° F
- Connections from ½" to 24"
- Design: ASME Section XIII, Div. 1 and PED97
- Available in Carbon Steel, 304 and 316 MOC
- Applications: Air, O₂, H₂, He, CH₄, natural gas, N₂, A
- Media options: Polyester, Fiberglass
- Closure options: flange, swing bolt, and quick opening (MODCO)
- Custom designs available

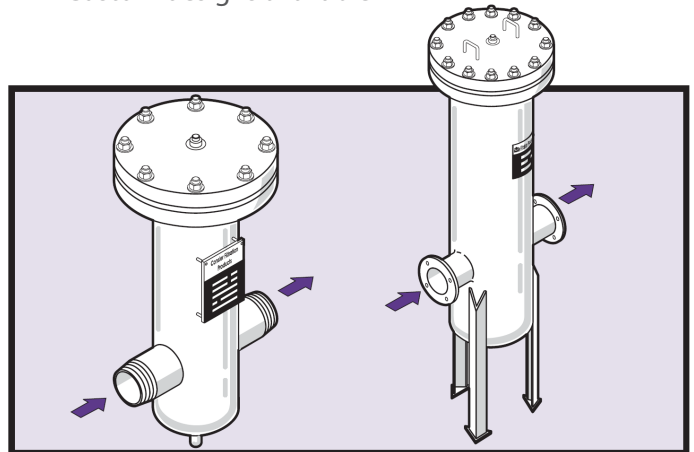


CP Particulate Filter Series

The CP Series are in-line filters that are designed to remove solids from compressed air and gas streams. The element features a molded radial fin design that provides maximum surface area to allow for long service life with very low pressure drop, especially with our superior 709 grade media.

Features:

- Removes solid contaminants from 0.3 μ @ >99.97%
- Pressures from 15 PSIG to 5,000 PSIG
- Flows from 100 SCFM to 250,000 SCFM
- Temperatures to 300° F
- Connections from ½" to 24"
- Available in Carbon Steel, 304 and 316 MOC
- Design: ASME Section XIII, Div. 1 and PED97
- Applications: Air, O₂, H₂, He, CH₄, natural gas, N₂, A
- Media options: Fiberglass, Polyester, Teflon, Nomex
- Closure options: flange, swing bolt, and quick opening (MODCO)
- Custom designs available



For more detailed information on the product line, please see Product Technical Specifications at www.gravertech.com.

FOR MORE INFORMATION

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Manufacturing/Distribution Centers: Glasgow, Delaware | Honeoye Falls, New York | Newark, New Jersey

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A member of The Marmon Group—A Berkshire Hathaway Company