

FGC-Series Fiberglass Gas Coalescers

Filter Data Sheet

- High flow/low pressure drop
- High-strength construction
- Phenolic impregnated seamless fiberglass media
- Available in 0.3 and 1.0 micron ratings
- Reverse Flow designs also available
- Maximum operating temperature 240° F
- Interchangeable with all major brands



Fiberglass media is very efficient at removing solid contaminants and coalescing liquids out of natural gas.



Media

AJR's natural gas coalescers use seamless fiberglass media with fine fiber diameter for high-efficiency particulate filtration and excellent aerosol and liquid droplet removal. The fiberglass is impregnated with phenolic resin for added strength.

Construction

All AJR filters have high-strength construction, with plated steel end caps and center tubes. 316L stainless steel is available as an option. End caps are bonded with a urethane adhesive and peened to the center tubes. Closed end caps feature a nested design. Buna-N gaskets are securely bonded to the end caps. Viton gaskets are optional. Reverse-flow designs are offered in all size ranges. Available in both 0.3 & 1.0-micron efficiency ratings. Special designs are available for iron sulfide (black powder) removal.

Applications

AJR's gas coalescers are used to protect compressors at gas transmission sites. They are also used in gas gathering, dehydration, desulfurization, CO₂ removal, tail gas treaters, engine fuel gas, and sewage, landfill & digester gas applications.

Ordering Information

Series	Diameter	Length	Media	Gasket	Options
FGC= Fiberglass Gas Coalescer	(blank) = 3.5"	12"	(blank) = 1μ	(blank) = Buna-N	(blank) = Double Open End
	3 = 4.5"	18"	-A = 0.3μ	V = Viton	CE = Closed End w/Bolt-Hole
	50 = 4.7"	24"			DOR = Double O-Ring
	5 = 5.5"	30"			EXT = Extension on Closed End
	6 = 6.0"	36"			R = Reverse Flow
		72"			