

# CYPHON™ GAS/LIQUID COALESCER SERIES



## Cost Effective Coalescence

FTC made a commitment years ago to develop high efficiency coalescer technology to provide reliable separation and removal of sub-micron liquid aerosols from gas streams. FTC's Cyphon Series provides a full line of gas coalescer elements which have been engineered to provide the most cost effective high efficiency liquid coalescence of gas streams on the market.

Cyphon technology utilizes pleated proprietary micro-fiber media formulations, superior element design and engineered vessel design to ensure interception, coalescence, and drainage of unwanted liquid contaminant from gas streams.

## Benefits

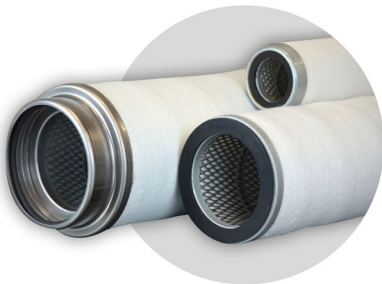
- Provides high efficiency removal of unwanted liquid contaminants for reliable protection of downstream equipment & processes
- 99.98% liquid aerosol removal ratings
- High surface area providing low pressure drop, longer life, and reliable efficiency throughout the service life of the coalescer
- Customized configurations to upgrade existing vessels and/or new installations

## Common Applications

- Amine plant feed gas and treated gas
- Suction and discharge of compressors
- Fuel Gas purification
- Protection of molecular sieve beds, alumina beds, activated carbon beds, flare systems, glycol units and metering systems
- Turbine feed gas

## Common Liquid Contaminants

Compressor lubrication oils, water, hydrocarbon condensates, amines, glycols, solvents, completion fluids, brine, and other liquid phase contaminants



## LIQUID-GAS SERIES

Series	Dimensions	Gas Micron Ratings
<b>CG28 Series</b>	2.75" OD x 1.5" ID x 30" long	0.1, 0.3, 0.5 & 1 micron @ 99.98%
<b>CG45 Series</b>	4.5" OD x 3.25" ID x 36" long	0.1, 0.3, 0.5 & 1 micron @ 99.98%
<b>CG47 Series</b>	4.75" OD x 3.5" ID x 36"	0.1, 0.3, 0.5 & 1 micron @ 99.98%
<b>CG55 Series</b>	5.5" OD x 3.5" ID x 36" long	0.1, 0.3, 0.5 & 1 micron @ 99.98%
<b>CG60 Series</b>	6.0" OD x 3.25" ID x 40" long	0.1, 0.3, 0.5 & 1 micron @ 99.98%
<b>CG64 Series</b>	6.0" OD x 4.2" ID x 40" long	0.1, 0.3, 0.5 & 1 micron @ 99.98%

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