CYPHON™ 47 SERIES

Cost Effective Coalescence

These elements have been specially 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

- Direct upgrade for common conical liquid gas coalescing elements
- Provides high efficiency removal of unwanted liquid contaminants
- 99.98% liquid aerosol removal
- High surface area providing low pressure drop
- Proprietary end cap design for operator friendly change out
- Buna and Viton® O-rings used as standard sealing elastomers (other materials available)

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 contaminates

Element Dimensions

Outside Diameter..... 4.75”
Length..... 36”
Cylindrical Shape

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FTC
FOREFRONT OF FILTRATION TECHNOLOGY

PRODUCT SPECIFICATIONS

Gas Micron Ratings: 0.1, 0.3, 0.5 & 1 @ 99.98% (others available)

Maximum Operating Conditions: 200˚F (93.3˚C) Continuous Operating Temperature on standard model (high temp models available)

Recommended Clean Pressure Drop: ≤ 2 PSID

Recommended Change-Out Differential Pressure: 12 PSID

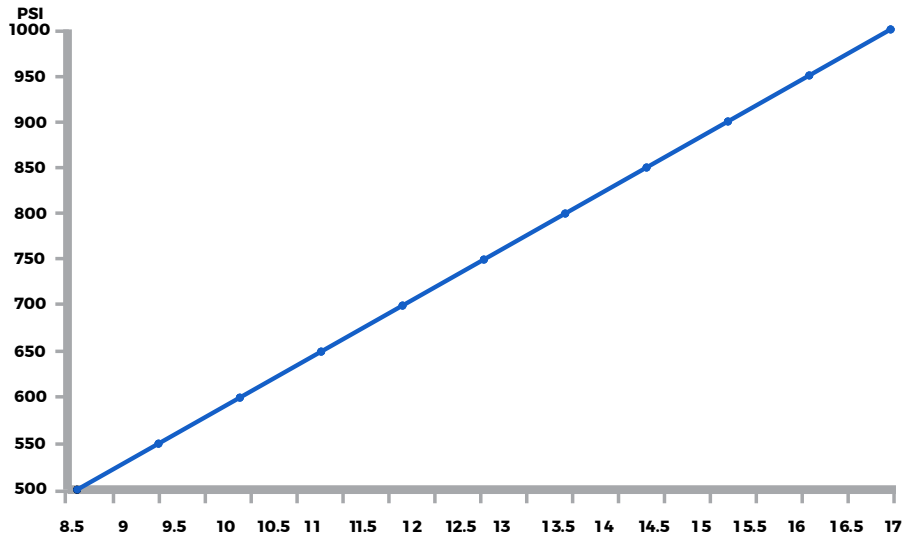
Maximum Recommended Differential Pressure: 15 PSID

Normal Flow Path: Inside-to-outside

Standard Liquid Loading: Up to 0.163 GPM per element

CYPHON 47 GAS / LIQUID COALESCING ELEMENT

Maximum recommended flow rate at pressure for natural gas.
(0.65 S.G. and 0.012 cP)



Flow Rate In MMSCFD
Temp - 60˚F

CARTRIDGE CODING

Use the chart below to create cartridge part number for ordering. Please include dashes when creating part numbers.

	Cyphon 47 Series Gas Coalescer		Gas Micron Rating 99.98%		Non-Media Components	Media	Length	End Cap	Seal Material
EXAMPLE	**CG47**	—	**001**	—	**T**	**G**	**36**	**5**	**V**
OPTIONS	**CG47** Standard **CGA47** Amine Compatible		**001** - 0.1 Micron **003** - 0.3 Micron **005** - 0.5 Micron **010** - 0.3 Micron		**T** Tinned Steel	**G** Glass Fiber	**36** - 36"	**3** - SOE w-bolt hole **5** - SOE w/FTC removal tool cap	**B** Buna **V** Viton

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