

# CYPHON™ 60 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

- 99.98% liquid aerosol removal
- Proprietary multi-layer pleat pack design
- High surface area provides low pressure drop
- Designed to upgrade existing vessels or to be specified in new installations
- Standard version and amine compatible version available
- Stainless steel hardware
- Viton® O-ring seal to insure positive seal

## Common Applications

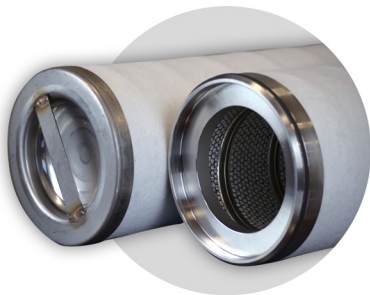
- Amine plant feed gas and treated gas
- Suction and discharge of compressors
- Fuel gas purification
- Protection of molecular sieve beds, alumina beds, activated carbon beds, flare systems, glycol units and metering systems
- Turbine feed gas

## Common Liquid Contaminants

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

## Element Dimensions

Outside Diameter..... 6.00"  
Outside Diameter..... 4.00"  
Length..... 40"



## 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

Recommended Clean Pressure  
Drop: ≤ 2 PSID

Recommended Change-Out  
Differential Pressure: 12 PSID

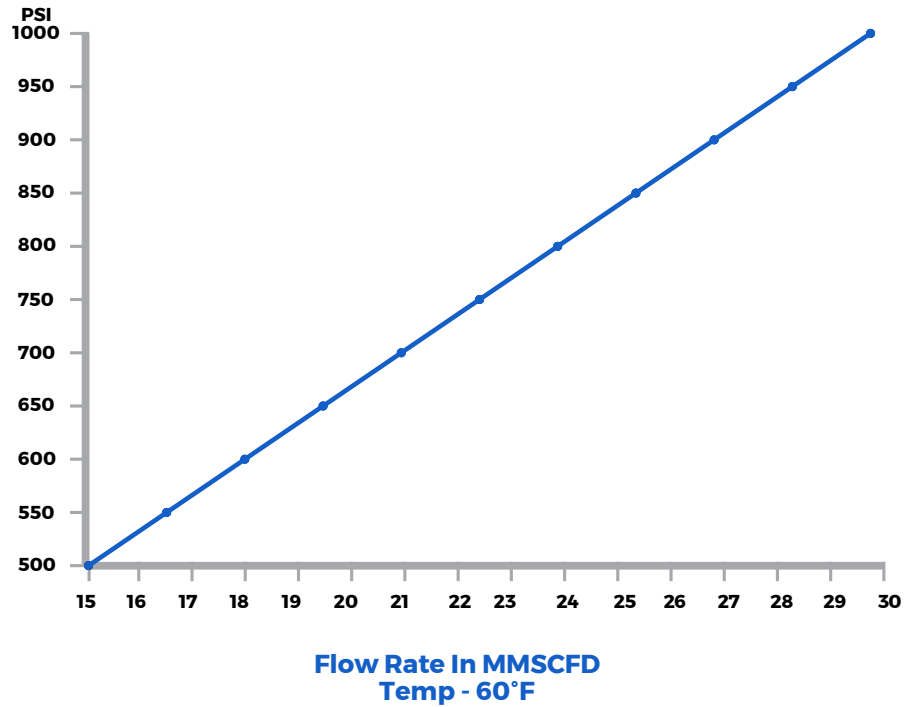
Maximum Recommended  
Differential Pressure: 15 PSID

Normal Flow Path:  
Inside-to-outside

Standard Liquid Loading: Up to  
0.288 GPM per element

## CYPHON 60 GAS / LIQUID COALESCING ELEMENT

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



## CARTRIDGE CODING

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

	Cyphon 60 Series Gas Coalescer	Gas Micron Rating 99.98%	Non-Media Components	Media	Length	End Cap Style	Seal Material
EXAMPLE	<b>CG60</b>	<b>001</b>	<b>S</b>	<b>G</b>	<b>40</b>	<b>2</b>	<b>V</b>
OPTIONS	<b>CG60</b> Standard  <b>CG60A</b> Amine Compatible	<b>001</b> - 0.1 Micron <b>003</b> - 0.3 Micron <b>005</b> - 0.5 Micron <b>010</b> - 1 Micron	<b>S</b> Stainless Steel	<b>G</b> Glass Fiber	<b>40</b> - 40"	<b>2</b> - SOE	<b>V</b> Viton

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