

CYPHON™ 55 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

- Upgrade for common conical and cylindrical liquid gas coalescing elements
- Provides high efficiency removal of unwanted liquid contaminants
- 99.98% liquid aerosol removal
- High surface area providing low pressure drop and longer life
- 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 contaminants

Element Dimensions

Outside Diameter..... 5.50"
Length..... 36"
Cylindrical Shape

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

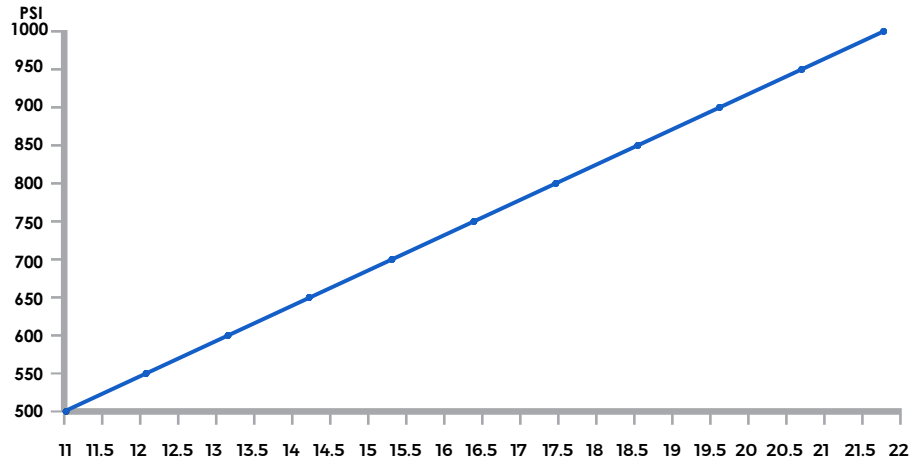
Maximum Recommended Differential Pressure: 15 PSID

Normal Flow Path: Inside-to-outside

Standard Liquid Loading: Up to 0.210 GPM per element

CYPHON 55 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 55 Series Gas Coalescer | Gas Micron Rating 99.98% | Non-Media Components | Media | Length | End Cap | Seal Material |
|----------------|---|--|---|----------------------|-----------------|---|---------------------------------|
| EXAMPLE | CG55 | 001 | T | G | 36 | 3 | V |
| OPTIONS | CG55 Standard CGA55 Amine Compatible | 001 - 0.1 Micron 003 - 0.3 Micron 005 - 0.5 Micron 010 - 1 Micron | T Tinned Steel S Stainless 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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