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CG47 SERIES LIQUID/GAS COALESCERS

CG47-001-11-15

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.

The introduction of proprietary interception, coalescence, and drainage layers pleated in conjunction with a high efficiency micro-fiber media ensures high efficiency separation of sub-micron liquid aerosols from gas streams while minimizing fluid carry-over.

FEATURES AND BENEFITS

- Direct alternative for common conical and cylindrical liquid gas coalescing elements
- Provides high efficiency removal of unwanted liquid contaminants
- Available in both 99.98% and 99.0% efficiency ratings
- High surface area providing low pressure drop
- End caps are designed for easy 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



PRODUCT SPECIFICATIONS

Gas Micron Ratings: 0.1 & 0.3 Micron
@ both 99.0% and 99.98%

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

CARTRIDGE CODING

CG47	001	T	G	36	5	V
GAS COALESCER SERIES	GAS MICRON RATING	NON-MEDIA COMPONENTS	MEDIA	LENGTH	END CAP	O-RING
CG47 - Standard CGA47 - (Amine Compatible)	001 - 0.1 Micron (99.98%) 003 - 0.3 Micron (99.98%) 001A - 0.1 Micron (99.0%) 003A - 0.3 Micron (99.0%)	T - Tinned Steel	G - Glass Fiber	36 - 36"	5 - SOE (w-bolt hole)	B - Buna V - Viton®

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