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## CG40 SERIES LIQUID/GAS COALESCERS

CG40-002-05-15

### 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 upgrade for most common liquid gas coalescing element on the market
- 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
- Available in double open ended (DOE) or single open ended (SOE) cap styles
- Buna and Viton® gaskets 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: 4.50"  
Inside Diameter: 3.25"  
Length: 36"



**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 Temp.

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  
 (Outside-to-inside is optional)

**CARTRIDGE CODING**

CG40	001	T	G	36	1	B	
GAS COALESCER SERIES	GAS MICRON RATING	NON-MEDIA COMPONENTS	MEDIA	LENGTH	END CAP	GASKETS	FLOW PATH
CG40 - Standard CGA40 - (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 S - Stainless Steel	G - Glass Fiber	36 - 36"	1 - DOE 3 - SOE (w-bolt hole)	B - Buna V - Viton®	Blank - Inside - to - outside  O - Outside-to-inside

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