



C1.0 SERIES ABSOLUTE RATED VAPOR PHASE ELEMENTS

Feature-tec absolute rated C1.0 series Coalescer elements have the following characteristics:

1. Beta ratios in excess of 99.9%.
2. Large dirt holding capacity.
3. Robust construction. Can withstand over 15 PSI differential pressure.
4. High quality components.

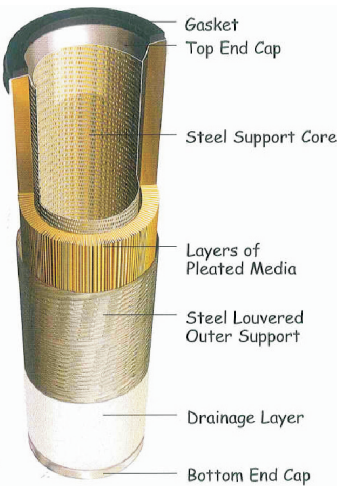


Application

The Feature-tec C1.0 series element is designed to coalesce extremely fine liquid particles from natural gas, primarily lubricating oil downstream of a compressor. The flow pattern through the element is from the inside to the outside. The C1.0 series is designed to take the place of the C1.5 series, and it is more efficient to filter the solid particles and liquid mists. The additional surface area also can reduce extra differential pressure which caused by high flow rate. This additional surface area also reduces the differential pressure when flowrate is high.

Specifications

Length	18 / 36 / 72 Inches
Outside Diameter	4.5 inches
Inside Diameter	3.13 inches
Center Core	carbon steel(stand)/stainless(available)
Outer Core	carbon steel(stand)/stainless(available)
End Caps	carbon steel(stand)/stainless(available)
Gaskets	Buna-N
Gasket Adhesive	polyurethane
Prefilter Media	pleated paper
Final High Efficiency Media	pleated micro fiberglass
Outer Sock	needled polyester
Removal Rating	0.3 micron absolute



Recommended Operating Limits

Initial Differential Pressure	<0.5 psi
Recommended Change-Out Differential Pressure	15 psi (max)
Maximum Element Operating Life	1 year
Maximum Operating Temperature	300°F
Minimum Operating Temperature	-60°F

Note: Special metallic materials are available according to customers requests. Do not hesitate to contact us for further details.

Element Model	FLOW MMSCFD			Dimensions in inches		
	100 PSI	400 PSI	2000 PSI	Length	I.D.	O.D.
FT-C1.0-0.3-18	1.7	3.3	8	18	3.13	4.5
FT-C1.0-0.3-36	2.1	4.1	10	36	3.13	4.5
FT-C1.0-0.3-36-2	2.5	4.8	11.7	36	4.25	5.5

Capacity is based on Natural Gas at 0.60 S.G. and 60°F

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