

KOCKEN

SISTEMAS DE ENERGIA INC.

COALESCING FILTER - SEPARATORS



KOCKEN Sistemas de Energia Inc coalescing filter-separators are designed for extremely high removal efficiencies of liquid and solid aerosols in natural gas applications. Custom configurations and materials of construction are available to satisfy any customer requirements. Industry standard ratings to 0.3 micron absolute ratings efficiently capture even the most difficult to remove contaminants.

Special medias and pre and post-filter options are considered in high sold loading applications or where upset conditions such as slugging are expected.

Kocken coalescing filter-separators are installed in a wide variety of applications including upstream protection of rotating equipment such as compressors and turbines, upstream protection of mechanical equipment such as molecular sieves and heat exchangers; and, recovery of entrained solvents, glycols, amines and/or hydrocarbon liquids.



MODEL DESIGNATION												
KSE	-	HFC	-	18	-	336	-	30	-	900	-	M
		Orientation HFC = Horiz VFC = Vert	Number of Elements		Size of Element (see Table)		Nominal Diameter (inches)		Design Pressure (PSIG)		2 ^{da} Stage M = Mesh V = Vanes	

ELEMENTS	CAPACITIES (MMSCFD)					
	PRESSURE			DIMENSIONS (inches)		
	100 PSI	400 PSI	2000 PSI	Length	I.D.	O.D.
318-R	1.7	3.3	8.0	18.0	3.1	4.5
336-R	2.1	4.1	10	36	3.1	4.5
536-R	2.5	4.8	11.7	36	4.3	5.5
30226	0.8	1.0	2.3	29.3	1.5	2.8
36349-V	2.7	5.3	12.9	36.3	4.2	6.0
36346C-V	2.3	4.3	10.5	37.3	3.5	5.5



OPERATING LIMITATIONS:

- Maximum Operating Temperature: 300°F
- Minimum Operating Temperature: - 60°F
- Element Change-Out Differential Pressure: 15 PSI
- Maximum Differential Pressure: 75 PSI

OPTIONS

- 10 / 5 / 3 / 1 / 0.3 Microns
- Vertical or Horizontal
- Pre-Filter
- Post Filter
- Quick-Opening Closure
- Instrumentation
- Over-Sized Liquid Sump

DESIGN PARAMETERS

Operating Pressure

Operating Temperature

Gas Flow

Molecular Weight of Gas

Removal Efficiency

Orientation

APPLYING WORLD CLASS TECHNOLOGIES IN PURSUIT OF SUPERIOR EFFICIE

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