



Description

Facet coalescer cartridges provide efficient and economical filtration and coalescence of fluids in a wide range of applications where EI certification is not required. This broad range of liquid/liquid coalescers provides greater coalescing efficiency and contaminant holding capacity than most conventional coalescers or other separation techniques. As a result, Facet coalescers improve product quality, reduce maintenance costs and help prevent unscheduled shutdowns.

Facet coalescer cartridges are manufactured using proprietary combinations of high performance filter media. Years of research and development in phase separation technology has enabled Facet to develop a very broad range of filter grades to meet the stringent requirements of industrial applications.

Facet coalescer cartridges are available in numerous configurations to replace most conventional coalescing cartridges. In addition, Facet can develop special configurations to meet specific applications requirements.

Benefits

- High Performance filter media provides effective particle removal and coalescence in a wide range of applications
- Proprietary design provides superior performance when compared to conventional coalescing cartridges
- Continuous lengths minimize process downtime, reduce cartridge change-out costs and eliminate filter bypass concerns
- Retention ratings available from 1 to 40 microns
- 90-95% nominal efficiency solids removal ratings. Water removal is 15 ppm
- Electro-tin plated components help prevent rust and corrosion. Coated components are available as standard options
- 75 psid burst strength permits use in demanding applications

CB, CC, CR Series Coalescer Cartridges

PERFORMANCE SPECIFICATION

SERIES	NOMINAL PARTICULATE MICRON								
	1	2	5	10	15	20	25	30	40
CR		•							
CB			•						
CC								•	

MATERIALS

Filter media options:

2 - 25 µm: Combination of Fiberglass and Cellulose Medias with Outer Sock

Gasket Materials:

Standard: Buna-N
Optional: Vegetable Fiber, Neoprene, Viton®, Non-asbestos Replacement

Metal Components:

Standard: Electro-tin Plated Components
Optional: Powder Coated Epoxy

Adhesives: Thermoset PVC
Urethane (optional)
Epoxy (optional)

FREE WATER REMOVAL SPECIFICATIONS

SERIES	PPM FREE WATER, LESS THAN				
	5	10	15	20	40
CR		•	•	•	•
CB			•	•	•
CC				•	•

FILTER SIZES AND DIMENSIONS

SERIES	OD		ID		LENGTH	
	in	mm	in	mm	in	mm
Cz11	6	152	3 ½	89	11 ¼	286
Cz14	6	152	3 ½	89	14 ½	368
Cz22	6	152	3 ½	89	22 ¼	565
Cz28	6	152	3 ½	89	28 ¾	730
Cz28-SB	6	152	3 ½	89	29	737
Cz33	6	152	3 ½	89	33 ¼	845
Cz33-SB	6	152	3 ½	89	34	864
Cz43	6	152	3 ½	89	43 ¼	1099
Cz43-SB	6	152	3 ½	89	45	1143
Cz56	6	152	3 ½	89	56 ¼	1429
Cz56-SB	6	152	3 ½	89	57	1448

µ = Micron Rating

Z = Series designation

Note: Water removal ratings are based on kerosene type fuel, S.G.O.78 and viscosity of 33 SSU at 70°F and recommended flow rates. Removal efficiencies will vary with S.G. viscosity, temperature, and flow rate. Please call us for exact sizing and removal ratings

TEMPERATURE / COMPATIBILITY GUIDE

SERIES	MAXIMUM TEMPERATURE	pH RANGE	PETROLEUM PRODUCTS	CHEMICALS
CR, CB, CC	240 °F	5 - 9	Excellent	Good

CARTRIDGE ORDERING INFORMATION

SERIES	DIMENSIONS	END CONFIGURATION	MICRON RATING	SPECIAL FEATURES
CB	28	SB	5	
CB, CR, CC	See Filter Sizes and Dimensions Table	SB = Screw Base No symbol = Double Open End	1, 2, 5, 10, 15, 20, 25, 30, 40	No Symbol = Buna-N J = Non-Asbestos Gasket N = Neoprene Gasket K = Tin Steel Components V = Viton Gasket