

Industrial coalescer cartridges featuring proprietary filter media

Description

Facet industrial coalescer cartridges provide efficient and economical filtration and coalescence of fluids in a wide range of applications where API 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 industrial coalescers improve product quality, reduce maintenance costs and help prevent unscheduled shutdowns.

Facet industrial coalescer cartridges are manufactured using proprietary combinations of high performance filter media.

Years of research and development in phase separation technology has made it possible to develop a very broad range of filter grades to meet the stringent requirements of industrial applications.

Facet industrial coalescer cartridges are available in numerous configurations to replace most conventional coalescing cartridges. In addition, we 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 to 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.

Applications

- Chemicals, Resins, and Solvents
- Hydraulic Oils
- Hydrocarbons
- Petroleum Refining
- Pipelines and Petroleum Terminals
- Power Generation
- Pulp and Paper Industry
- Transformer Oils
- Turbine Oils

Filter Sizes & Dimensions

Dimensions - nominal			
SERIES (Z = Series designation X = Micron rating)	OD (inches)	ID (inches)	LENGTH (inches)
CZ11-X	6	3 1/2	11 1/4
CZ14-X	6	3 1/2	14 1/2
CZ22-X	6	3 1/2	22 1/4
CZ28-X	6	3 1/2	28 3/4
CZ28-SB	6	3 1/2	29
CZ33-X	6	3 1/2	33 1/4
CZ33-SB	6	3 1/2	34
CZ43-X	6	3 1/2	43 1/4
CZ43-SB	6	3 1/2	45
CZ56-X	6	3 1/2	57 1/4
CZ56-SB	6	3 1/2	57
CIC11-X	6	3 1/2	11 1/4
CIC14-X	6	3 1/2	14 1/2
CIC22-X	6	3 1/2	22 1/4
CIC28-X	6	3 1/2	28 3/4
CIC28SB-X	6	3 1/2	29
CIC33-X	6	3 1/2	33 1/4
CIC33SB-X	6	3 1/2	34
CIC43-X	6	3 1/2	43 1/4
CIC43SB-X	6	3 1/2	45
CIC56-X	6	3 1/2	56 1/4
CIC56SB-X	6	3 1/2	57

Note: Water removal ratings are based on kerosene-type fuel, S.G.0.78 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 consult us for exact sizing and removal ratings. Many other sizes and combinations are available. Please contact us for assistance with special sizes and deliveries.

Temperature/Compatibility Guide

Media series	CR, CB, CC	CIC
Maximum Temp.	240° F	225° F
pH Range	5-9	5-9
Petroleum Products	Excellent	Excellent
Chemicals	Good	Good

Performance Specifications

NOMINAL PARTICULATE REMOVAL, MICRON	1	2	5	10	15	20	25	30	40
CR Series		•							
CB Series			•						
CC Series							•		
CIC Series	•	•	•	•	•	•	•	•	•

Free Water Removal Specifications

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

Materials of Construction

Filter Media Options

CR, CB, CC Series

2-25 micron: Combination fiberglass and cellulose medias with outer sock.

CIC Series

1-40 micron: Wet glass shell, pleated media section and outer glass section with or without outer sock.

Gasket Materials

Standard

Buna N (Standard)

Optional

Vegetable Fiber, Neoprene, Viton®, Non-asbestos replacement

Metal Components

Standard	Electro-tin Plated Components
Optional	Powder Coated Epoxy Components
Optional (CIC Only)	Non-metal components and synthetic end caps.

Adhesives Thermoset PVC, Urethane, Epoxy

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Ordering Information

Series	Cartridge Dimensions	End Configuration	Micron Rating	Special Features
CB	28	SB	-5	
CB, CR, CC, CIC	See Filter Sizes and Dimensions table	No Symbol = Double Open End SB = Screw Base	-1, -2, -5, -10, -15, -20, -25, -30, -40 µm	No Symbol = Buna N J = Non-Asbestos N = Neoprene T = Tin Steel Components V = Viton