



Diesel DCN Coalescer & DSN Separator Elements

Facet DCN coalescer and DSN separator elements combine coalescing and separation in a nested, two-element design to efficiently remove water and particulate from diesel fuel. The outer coalescing element captures fine solids and coalesces dispersed water into larger droplets, while the inner separator barrier blocks remaining droplets from passing downstream.

Designed for Facet DMV Series vessels and DIS Series systems, this nested two-stage design delivers clean, dry fuel in a compact element footprint, protecting downstream equipment and supporting reliable diesel system operation.

Specifications

- Water Removal: <100 ppm total water
- Flow Direction: Outside to In
- Max Operating Temperature: 240 °F (115 °C)
- Max Differential Pressure: 75 psid (5.2 bar)
- Terminal Pressure Drop: 15 psid (1.0 bar)
- Gasket: Buna-N
- Designed for Use in Facet DMV Vessels and the DIS-50 In-Line Fueling System



DCN Coalescer	Inner Diameter	Outer Diameter	Length	Micron
DCN-814-1	6" (152 mm)	8" (203 mm)	14" (356 mm)	1
DCN-814-10	6" (152 mm)	8" (203 mm)	14" (356 mm)	10
DCN-814-25	6" (152 mm)	8" (203 mm)	14" (356 mm)	25
DCN-815-1	6" (152 mm)	8" (203 mm)	15" (381 mm)	1
DCN-815-10	6" (152 mm)	8" (203 mm)	15" (381 mm)	10
DCN-815-25	6" (152 mm)	8" (203 mm)	15" (381 mm)	25
DCN-828-1	6" (152 mm)	8" (203 mm)	28" (711 mm)	1
DCN-830-1	6" (152 mm)	8" (203 mm)	30" (762 mm)	1
DCN-830-10	6" (152 mm)	8" (203 mm)	30" (762 mm)	10
DCN-842-1	6" (152 mm)	8" (203 mm)	42" (1067 mm)	1
DCN-842-25	6" (152 mm)	8" (203 mm)	42" (1067 mm)	25
DCN-844-1	6" (152 mm)	8" (203 mm)	44" (1118 mm)	1
DCN-844-10	6" (152 mm)	8" (203 mm)	44" (1118 mm)	10
DCN-844-25	6" (152 mm)	8" (203 mm)	44" (1118 mm)	25
DCN-868-1	6" (152 mm)	8" (203 mm)	68" (1727 mm)	1
DCN-868-25	6" (152 mm)	8" (203 mm)	68" (1727 mm)	25

DSN Separator	Inner Diameter	Outer Diameter	Length
DSN-412	2" (51 mm)	4" (102 mm)	12" (305 mm)
DSN-423	2" (51 mm)	4" (102 mm)	23" (584 mm)
DSN-432	2" (51 mm)	4" (102 mm)	32" (813 mm)

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www.facetfiltration.com | facet@facetfiltration.com