

Diesel DIS Series In-Line Fueling Systems

In-Line Fueling Systems for Clean, Dry Diesel

Facet DIS Systems prevent the transfer of contaminated fuel into or out of onsite storage tanks. These systems integrate a pre-filtration vessel and a coalescer/separator vessel to remove harmful particulate and water in a single pass, ensuring the transfer of clean diesel whether you are receiving a delivery or dispensing fuel to valuable assets.

Specifications

Performance (Single-Pass)	ISO Cleanliness: 13/11/9 Water Removal: <100 ppm total water
Fluid Compatibility	#2 Diesel Hydrotreated Vegetable Oil (HVO)
Design Pressure	150 psi (10.3 bar)
Approximate Dimensions	48" x 35" x 55" (1219 x 889 x 1397 mm) LxWxH
Approximate Weight	Dry: 925 lbs (420 kg) Full: 1100 (499 kg)
Materials of Construction	Carbon Steel
Exterior Coating	C4 Classification Paint (ISO 12944)
Interior Coating	Epoxy
Vessel Design	ASME Sec. VIII, Div. I
Intlet/Outlet Sample Ports	1/4" NPT
Water Drain	Manual Ball Valve
Water Level Detection	Visual Water Level Sight Glass



Model Number	Flow Rate	Pre-filter Elements		Coalescer Elements		Separator Elements		Approximate Dimensions (LxWxH)	Inlet/Outlet Connections	Approximate Weight Dry Full	
		Qty	Model	Qty	Model	Qty	Model				
DIS-50	50 gpm (189 lpm)	1	DMG-644-5	3	DCN-842	1	DSN-432	84" x 30" x 75" (2134 x 762 x 1905 mm)	2" (DN 50) RF Flange	1300 lbs (590 kg) 1500 lbs (680 kg)	
DIS-100	100 gpm (378 lpm)	1	DMG-644-5	2	DCS-643-2	2	DST-629	84" x 36" x 75" (2134 x 914 x 1905 mm)	2" (DN 50) RF Flange	1900 lbs (862 kg) 2400 lbs (1089 kg)	
DIS-200	200 gpm (757 lpm)	1	DMG-644-5	4	DCS-643-2	3	DST-629	90" x 42" x 75" (2286 x 1067 x 1905 mm)	2" (DN 50) RF Flange	2500 lbs (1134 kg) 3300 lbs (1497 kg)	
DIS-300	300 gpm (1136 lpm)	3	DMG-644-5	5	DCS-643-2	4	DST-629	96" x 48" x 78" (2438 x 1219 x 1981 mm)	3" (DN 80) RF Flange	3400 lbs (1542 kg) 4500 lbs (2041 kg)	

Optional Features

- Automatic Water Drain
- Flow Control Valve
- Higher Flow Rates Available Upon Request

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