



FMS-DFS

DIESEL FUEL DIALYSIS

NFPA/T2/6/1
BURST & FATIGUE RATING

ISO 3968
Pressure Drop vs Flow

ULTRA CLEAN DIESEL MAXIMUM PERFORMANCE

Portable dual-stage dialysis/dispensing/fuel transfer unit, equipped with high-efficiency elements for the rapid, convenient, and cost-effective removal of particulate and water contamination.

Compact and self-contained, the FMS-DFS features its own motor pump, which can operate on either AC or DC power (to be selected).

FMS ultra-filtration systems have proven in the field to deliver ultra-clean and ultra-dry diesel, achieving fuel cleanliness levels better than ISO 11/8/7 under extreme operating conditions. This ensures maximum engine power with optimal performance.

**CLEANLINESS
TARGET**
ISO 11/8/7

INCREASE of 5-15% in
engine output power

DECREASE
in failure and
downtime

INCREASE lubricant oil
service life

INCREASE
engine lifespan

INCREASE service life of
injection systems and emissions
post-treatment components

DECREASE
in fuel
consumption

BENEFITS OF FMS FILTRATION

**HIGHEST BETA RATIO
CONTAMINATION REMOVAL
EFFICIENCY IN THE MARKET**
Beta 4>4194



HOUSING TECHNICAL SPECIFICATIONS

Flow Rating	DFS-15: 15 gpm (AC: 110V) DFS-30: 30 gpm (AC: 110V)
Bypass Opening	25 psi (1.7 bar)
Elements Options	FMS-1/25-P, FMS-3/25-P (particulate), FMS-W25-A (absorbing)
Fluid Temperature	25°F a 150°F (-4°C a 65°C)
Voltage	110V, 1Phase, 60Hz - 230V, 1Phase, 60Hz (50Hz optional)
Weight	85 lbs (depending on configuration)
Compatibility	Diesel fuel





FMS-1/25-P
PARTICULATE ELEMENT

FMS-W25-A
WATER ABSORBING ELEMENT

100% SYNTHETIC MEDIA

ULTRA CLEAN DIESEL

DIRT REMOVAL



WATER ABSORBING

THETA 4>4310 SINGLE-PASS TEST

	ISO CODES	PARTICLES		
		4 µm	6 µm	14 µm
Reservoir contamination level	22/21/18	31898	14071	542
Average cleanliness after filtration	10/8/6	7.4	1.7	0.34

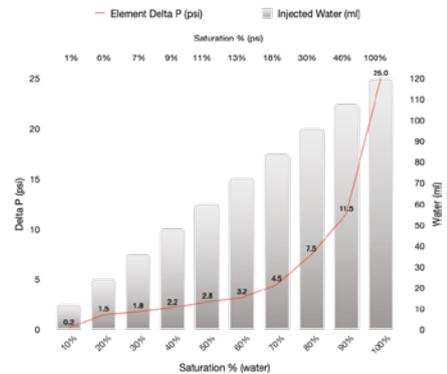
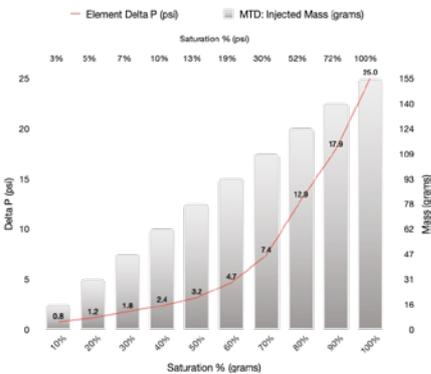
ELEMENT TECHNICAL SPECIFICATIONS

FMS-1/25-P

Efficiency	Beta 4>4194
DHC	155 grams (MTD)
Dimensions	10x5x5"
Weight	4.5 lbs

FMS-W25-A

Efficiency	95%
WHC	1000 ml
Dimensions	10x5x5"
Weight	4.5 lbs



SCAN TO VISIT OUR WEBSITE



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