



# ULTRA CLEAN OIL **MAXIMUM** PERFORMANCE



SUITABLE FOR  
VISCOSITIES  
UP TO

**350 cSt**

24/7  
NON-STOP

The **HFS** portable filtration unit is used as a service tool for transferring, cleaning, and conditioning oils—both new and in operation—in hydraulic systems. It can be configured with two types of elements: one for solid particles and another for free water.

Solid particles are the main cause of failures in hydraulic systems, responsible for more than 80% of abrasive wear. They erode surfaces, damage hoses and seals, and cause leaks, breakdowns, and safety risks. The FMS filtration system keeps fluid cleanliness within ISO 4406 standards, below ISO 15/13/10, providing maximum protection for your equipment and extending the service life of both components and the lubricant.

In addition to controlling solid contaminants, it is also essential to maintain dry fluid to ensure the proper operation of any hydraulic system.



## HOUSING TECHNICAL SPECIFICATIONS

Flow Rating	4 gpm
Bypass Opening	25 psi (1.7 bar)
Elements Options	FMS-1/25-P, FMS-3/25-P (particulate) FMS-W25-A (absorbing)
Hose Pressure Rating	30 psig (2.0 bar) @ 150°F (65.6°C) Full vacuum @ 150°F (65.6°C)
Fluid Temperature	25°F a 150°F (-4°C a 65°C)
Hydraulic Oil Sump	100 gls (21/20/16 down to 15/13/10 in 60 min)
Maximum Viscosity	350 cSt
Voltage	120V, 1 Phase, 60Hz 230V, 1 Phase, 60Hz (50Hz optional)
Seal Material	Buna N
Weight	85 lbs (depending on configuration)
Compatibility	All petroleum based hydraulic fluid. Contact factory for use with other fluids.

## BENEFITS

LONGER SYSTEM RUNTIME	LOWER TOTAL FLUID COSTS	LOWER EQUIPMENT REPLACEMENT COSTS
REDUCED FAILURES AND DOWNTIME	REDUCED MAINTENANCE COSTS	DECREASED PRODUCTION COSTS

## APPLICATIONS





**FMS-1/25-P**  
PARTICULATE ELEMENT

**FMS-W25-A**  
WATER ABSORBING ELEMENT



# ULTRA CLEAN HYDRAULIC SYSTEM

## ELEMENT TECHNICAL SPECIFICATIONS



**DIRT  
REMOVAL**



### FMS-1/25-P

Efficiency	Beta 4-4194
DHC	310gr @4gpm (MTD)
Max. Flow	50 gpm
Recommended Flow	25 gpm
Dimensions	10x5x5"
Weight	4.5 lbs

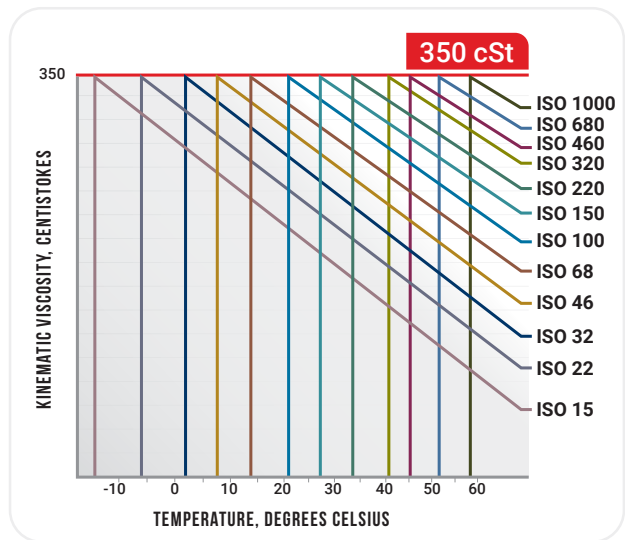
### FMS-W25-A

Efficiency	95%
WHC	1000 ml
Max. Flow	40 gpm
Recommended Flow	25 gpm
Dimensions	10x5x5"
Weight	4.5 lbs



**WATER  
ABSORBING**

## OPERATING RANGES: TEMPERATURE – VISCOSITY



SCAN TO VISIT OUR WEBSITE



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