

OFFLINE FILTRATION SYSTEMS

OFS-AM Series

Filtration Station for Asset Management



Asset Management



- Real Time data displays cleanliness and water saturation
- Selectable ISO target levels
- Only 3 entry fields needed to start the system and record data

Description

The Offline Filtration Station for Asset Management (OFS-AM) is a complete fluid management system designed to manage fluid cleanliness, so that the greatest return of that asset is achieved. The OFS-AM is an all-in one system that monitors your fluid condition, filters out contaminants and tracks all the necessary data needed for trend analysis and record keeping by asset number or name. The on-board ruggedized PC records the ISO code and water saturation level, provides a graphical display of the data in real time and shuts down when the selected cleanliness level is reached. Each asset file created automatically is separately labeled and summarized to quickly inform maintenance on the condition of the fluid, and each run of the fluid is logged by date and time, providing a complete history of the equipment's fluid.

Features

- Complete tracking of hydraulic fluid conditions by equipment name
- Provides automatic record-keeping, trending and analysis of the fluid condition per fluid power system asset
- Ideal for managing multiple equipment assets
- Automatically shuts down when the selected ISO cleanliness is reached
- Dual staged filters for both water and/or particulate contamination removal
- Bypass valve allows the OFS-AM to be used as a transfer cart

Applications

- **In-Plant Service** – Filter to desired cleanliness levels and extend component life
- **Mobile Dealer Networks** – Aid in certified re-builds, service maintenance contracts and total maintenance & repair programs

Technical Specifications

Flow Rating	5 gpm (19 L/min)
Motor	1.5 HP - 15 FLA at 120 volts AC
Viscosity	up to 1000 SUS (216 cSt)
Operating Temp.	-20°F to 150°F (-29°C to 65°C)
Bypass Valve Setting	Cracking: 30 psi (2 bar) x 2
Compatibility	All petroleum based hydraulic fluid compatible with Viton®
Weight	200 lbs (90.7 kg) approx.
Dimensions	26.6" x 25.25" x 50.0"(675 x 641 x 1270 mm)

Model Code

OFS-AM - 1 - 18 G10 - G05

Series

OFS-AM = Filtration Station for Asset Management

Number of Elements

1 = Element length must be either 18" or 27"

Element Length

18 = One 18" element supplied per housing

27 = One 27" element supplied per housing

Element Size (BN only - AM has no rating) (microns)

G03, G05, G10 = Betamicron GeoSeal® Absolute Filtration Rating ($\beta_{x(c)} \geq 1000$)

GAM* = Aquamicron GeoSeal® Water Removal

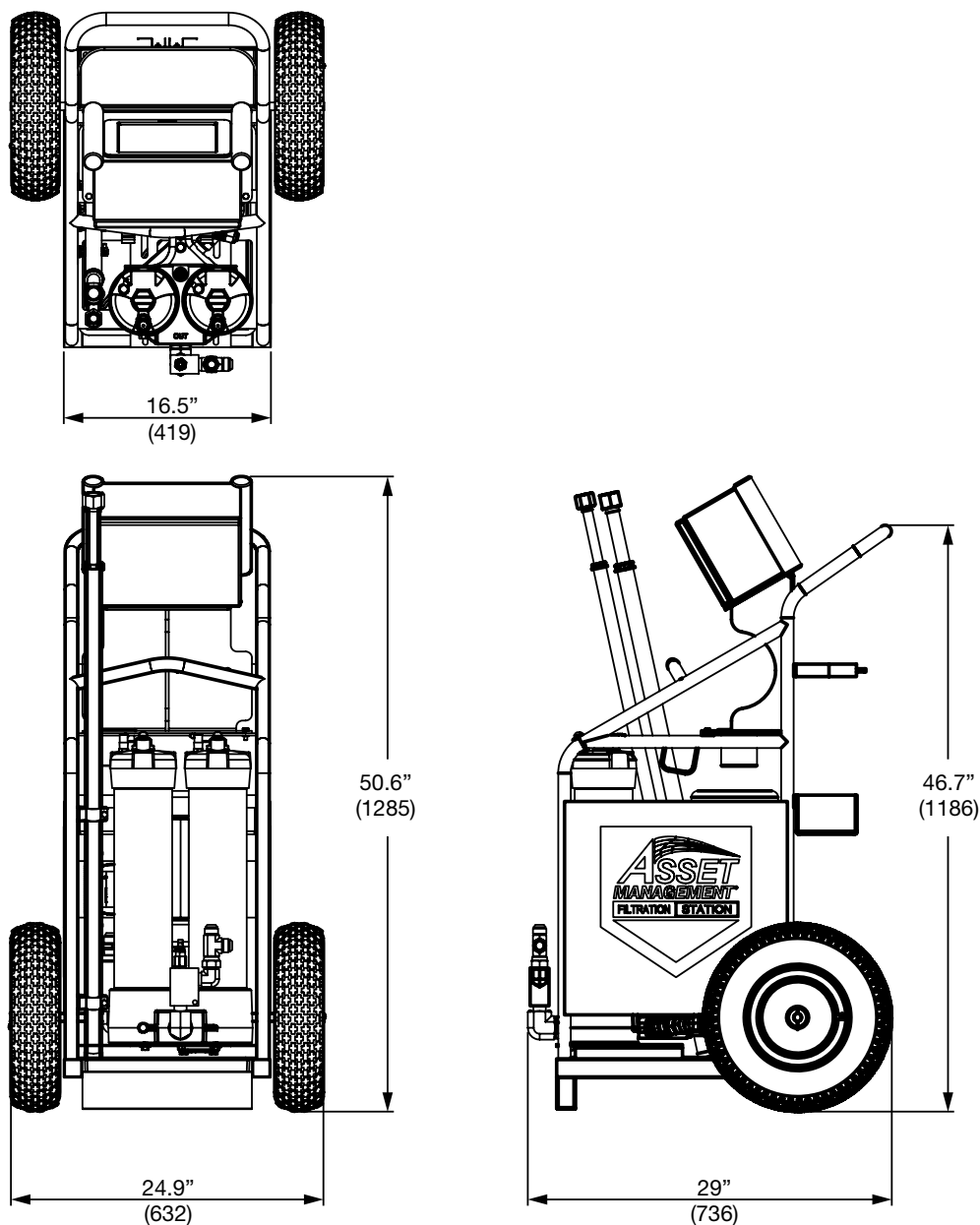
Element Size (BN only - AM has no rating) (microns)

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*Aquamicron media should be in the first filter housing followed by the BN media in the second housing.
For replacement element part numbers, please see Section E - REPLACEMENT ELEMENTS of this catalog.

Dimensions



Dimensions are for general information only, all critical dimensions should be verified by requesting a certified print.