

6 or 10 gpm
22.7 to 37.9 L/min



MFD-MV

Features and Benefits

- Ability to filter fluids having a viscosity up to 5,000 SUS
- Top-ported filter provides easy element service
- 7' hose and extension wands included (10' total length)
- Standard 18" filter housings

Applications

- Supplementing continuous filtration by system filters
- Cleaning up a hydraulic system following component replacement
- Filtering new fluid before it is put into service
- Transferring fluid from storage tanks and drums to system reservoirs

Description

The MFD-MV is a compact, self-contained filtration system equipped with high efficiency high capacity elements capable of removing particulate contamination and/or water quickly, conveniently and economically. It is perfect for cleaning up existing systems as well as for prefiltering new fluids, since new fluids often have contamination levels significantly higher than that recommended for most hydraulic systems. The MFD-MV dual filtration unit can be used to remove both water and particulate contamination or for staged particulate contamination removal.

Specifications

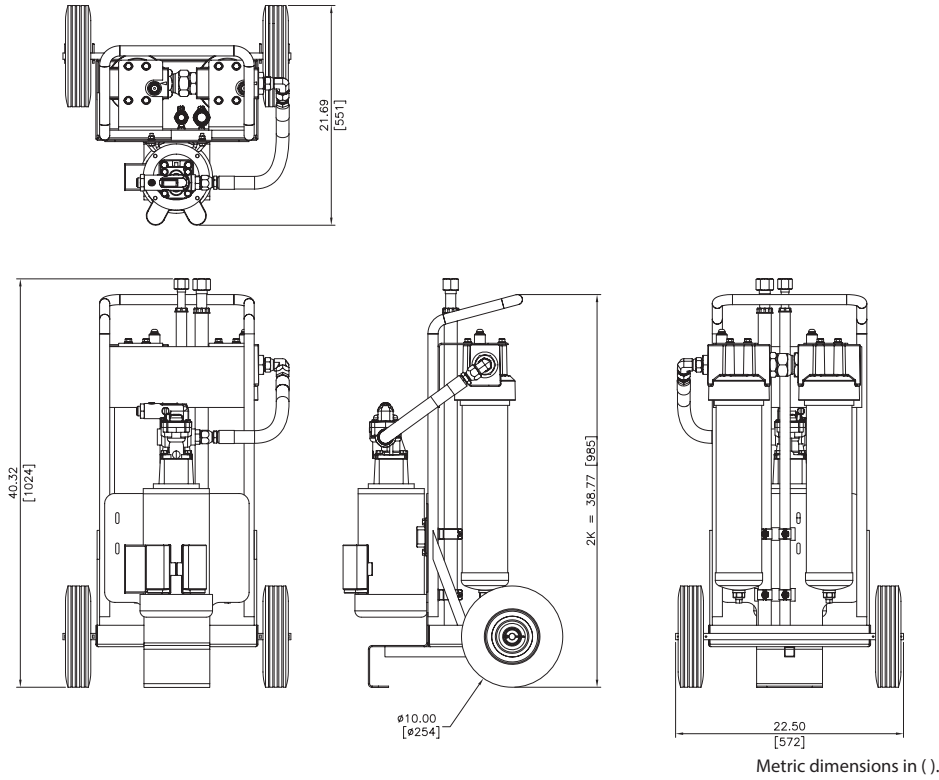
Flow Rating:	6 or 10 gpm (22.7 or 37.9 L/min) max
Maximum Viscosity:	up to 5,000 SUS (1000 cSt)
Hose Pressure Rating:	30 psig (2.0 bar) at 150°F (65.6°C) Full vacuum at 150°F (65.6°C)
Maximum Operating Temperature:	-20°F to 150°F (-29°C to 65°C)
Bypass Valve Setting:	Cracking: 30 psi (2 bar)
Material:	Manifold and cap: Cast Aluminum Element case: Steel
Compatibility:	All petroleum based hydraulic fluid. Contact factory for use with other fluids.
Motor:	1.0 hp 110 VAC/60 Hz TEFC (6 gpm) 1.5 hp 110 VAC/60 Hz TEFC (10 gpm)

Medium Viscosity Mobile Filtration Systems

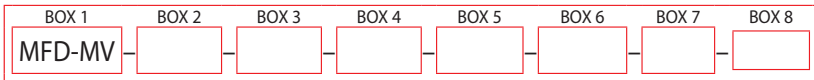
MFD-MV

- CS 1000
- CS 1939
- CSI-C-11
- HY-TRAX®
- RBSA
- CSM
- FCU
- MCS
- AS
- SMU
- CTU
- EPK
- Trouble Check Plus
- HMG2500
- HMG4000
- ET-100-6
- HTB
- RFSA
- HFS-BC
- HFS-15
- MFD-BC
- MFS, MFD
- HY-TRAX® Retrofit System
- MFD-MV**
- MFS-HV
- AMS, AMD
- FS
- AMFS
- KLS, KLD
- KLCO
- MCO
- AKS, AKD
- LSN, LSA, LSW
- X Series
- OLF Compact
- OLF
- OLF-P
- NxTM
- VEU-F
- VMU
- IXU
- Triton-A
- Triton-E
- NAV
- SVD01
- OXS
- Appendix

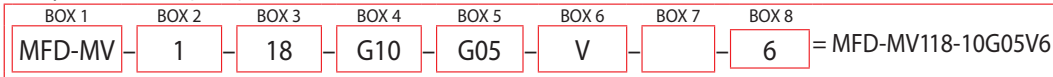
MFD-MV



How to Build a Valid Model Number for a Schroeder MFD-MV:



Example: NOTE: One option per box



BOX 1	BOX 2	BOX 3	BOX 4
Model	No. of Elements	Element Length	Element Media First Filter
MFD-MV	1	18	G03 = 3 µm Excellement® Z-Media® (synthetic) w/GeoSeal® G05 = 5 µm Excellement® Z-Media® (synthetic) w/GeoSeal® G10 = 10 µm Excellement® Z-Media® (synthetic) w/GeoSeal® G25 = 25 µm Excellement® Z-Media® (synthetic) w/GeoSeal® GWR = Water Removal w/GeoSeal®

BOX 5	BOX 6	BOX 7
Element Media Second Filter	Seal Material	Voltage
G03 = 3 µm Excellement® Z-Media® (synthetic) w/GeoSeal® G05 = 5 µm Excellement® Z-Media® (synthetic) w/GeoSeal® G10 = 10 µm Excellement® Z-Media® (synthetic) w/GeoSeal® G25 = 25 µm Excellement® Z-Media® (synthetic) w/GeoSeal® GWR = Water Removal w/GeoSeal®	V = Viton®	Omit = 115V, 60Hz, 1Ph A = 230V 60HZ, 1Ph

BOX 8
Pump Size(gpm)
6
10

Model Number Selection

NOTES:

Box 5. When MFD is ordered, the number of elements, element length, and seals will be identical for both filter housings.

For replacement element part numbers, please see "Appendix Section - Replacement Elements" of this catalog.