



Features and Benefits

- Improvement in service life for components and system filters
- Increased oil service life
- Increased machine availability
- Simple operation
- Compact design
- Integrated dry running protection
- Optional CS1000 | Contamination Sensor ensures continuous monitoring of oil cleanliness during cleaning

 Part of the Schroeder Industries 2030 Initiative

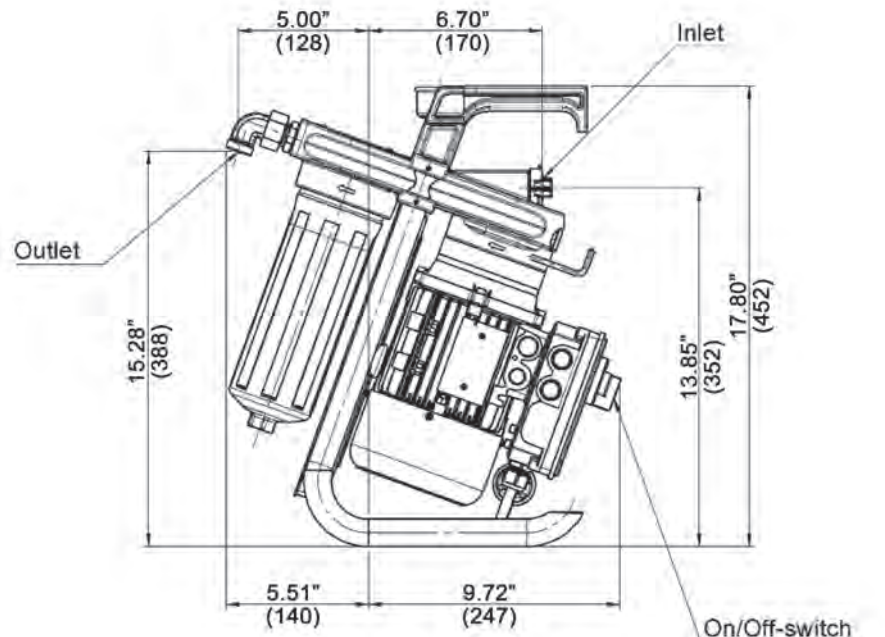
Description

The HFS-15 Hand Held Portable Filter is used as a service unit for filling and flushing hydraulic systems, as well as for cleaning in bypass flow. It can also be supplied with a CS1000 | Contamination Sensor. This allows the solid particle contamination in the oil to be monitored at the same time. The cleanliness class results are displayed according to ISO, SAE classifications.

Specifications

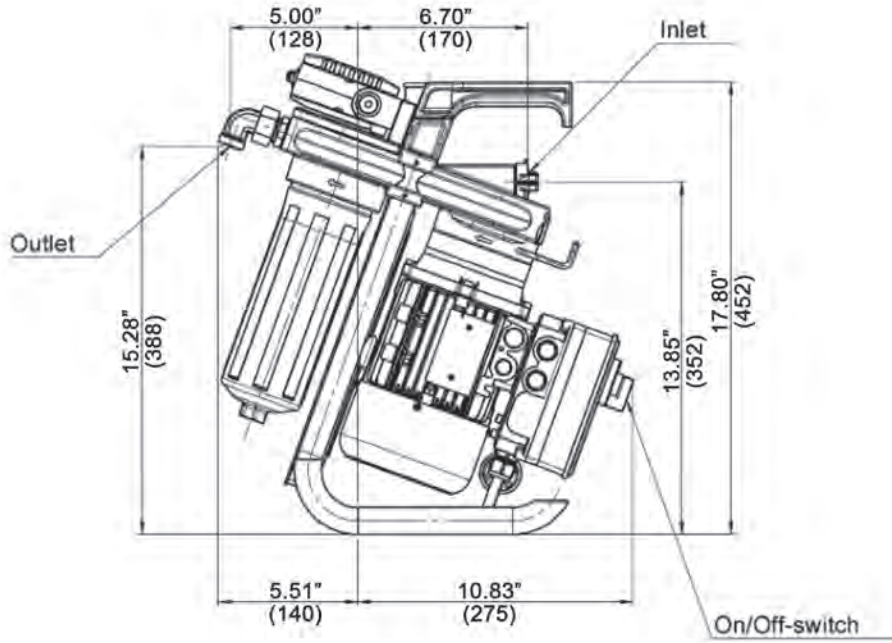
Flow Rating:	HFS-15-E: 4 gpm (15 L/min) HFS-15-P: 2.6 gpm (9.84 L/min)
Pump Type:	Vane pump
Maximum Operating Pressure:	58 psi (4.0 bar)
Maximum Permissible Inlet Pressure:	-5.8 to 8.7 psi (-0.4 bar to +0.6 bar)
Viscosity Range:	HFS-15-E: 42 to 1623 SUS (5-350cSt) HFS-15-P: 42 to 927 SUS (5-200cSt)
Fluid Temperature:	14°F to 176°F (-10°C to +80°C)
Ambient Temperature:	14°F to 104°F (-10°C to +40°C)
Seal Material:	FKM (FPM, Viton®)
Weight:	HFS-15-E: 30.9 lbs. (14 kg) HFS-15-P: 36.4 lbs. (16.5 kg)

Economy



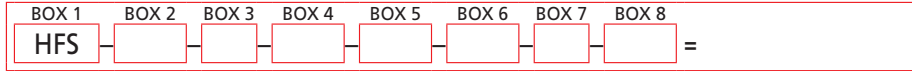
Hand Held Portable Filter

HFS-15

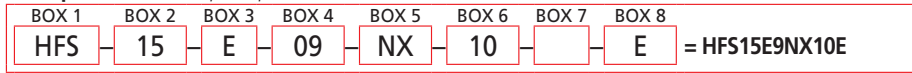


Metric dimensions in ().

How to Build a Valid Model Number for a Schroeder HFS-15:



Example: NOTE: One option per box



BOX 1	BOX 2	BOX 3	BOX 4
Model	Size	Type	Element Length
HFS	15 = 4 gpm (15 L/min) (for type "E" only) 10 = 2.6 gpm (10 L/min) (for type "P" only)	E = Economy P = Premium (w/ Condition Monitoring)	09

BOX 5
Filter Rating
NX = Particulate Removal Element AM = Water Removal Filtration Rating = 1, 3, 5, 10, 25

BOX 6
Element Media
01 = 1 µm Excellement® Z-Media® (synthetic) 03 = 3 µm Excellement® Z-Media® (synthetic) 05 = 5 µm Excellement® Z-Media® (synthetic) 10 = 10 µm Excellement® Z-Media® (synthetic) 25 = 25 µm Excellement® Z-Media® (synthetic) GW = Water Removal

BOX 7
Power Supply
OMIT = 120V-60Hz-1Ph (0.25kW) M = 230V, 50Hz, 1pH (0.25kW)

BOX 8
Clogging Indicator
E = Back-pressure indicator

Part Number	Description	Dirt Holding Capacity (g)	Free Water Retention Capacity (mL)
7642314	HFS15-001	117	—
7642315	HFS15-003	88	—
7642316	HFS15-005	98	—
7642317	HFS15-010	87	—
7642318	HFS15-025	118	—
7642319	HFS15-AM	—	110

Premium

Model Number Selection

- 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
- 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

Element Information