



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

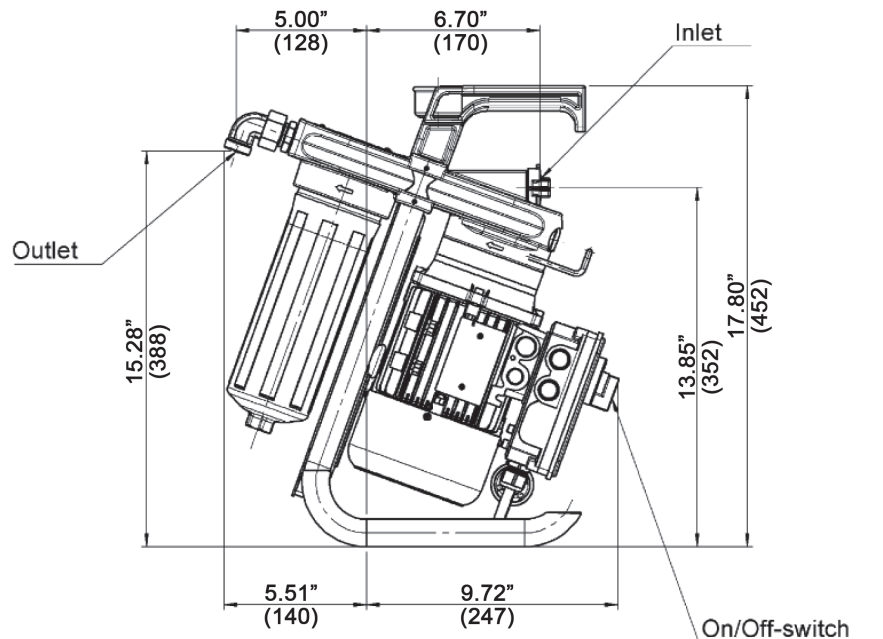
Description

The HFS-15 Hand Held Portable Filter is used as a portable service unit for filling and flushing hydraulic systems, as well as for cleaning in bypass flow. It can also be fitted 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 or NAS 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)
Permitted Suction Pressure At Port:	-5.8 to 8.7 psi (-0.4 bar to +0.6 bar)
Viscosity Range:	HFS-15-E: 42 to 1623 SUS (5 ... cSt) HFS-15-P: 42 to 927 SUS (5 ... cSt)
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

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

IXU

Triton-A

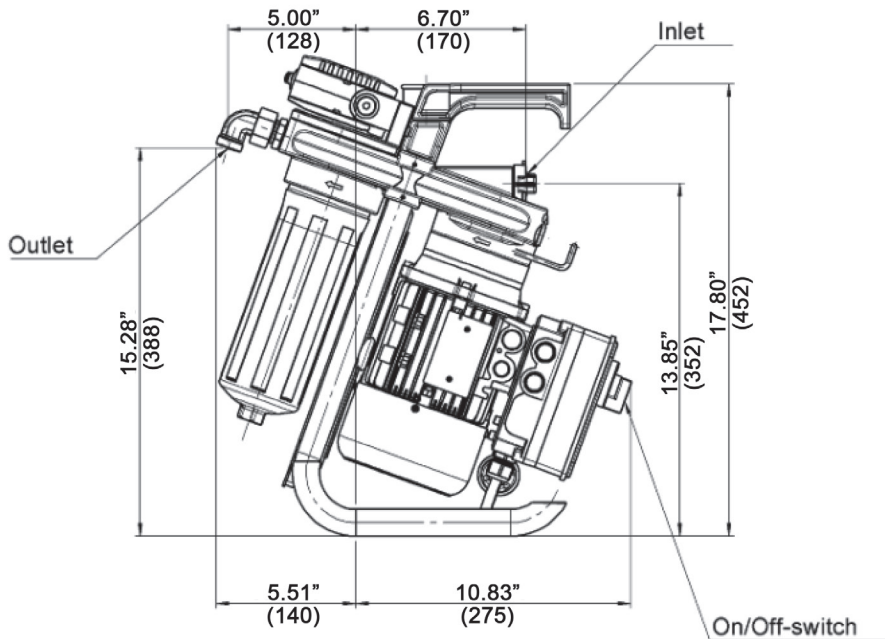
Triton-E

NAV

SVD01

OXS

Appendix

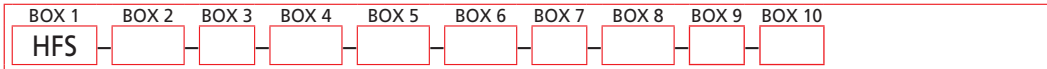


Metric dimensions in ().

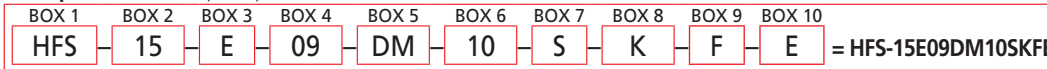
Premium

Model Number Selection

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	BOX 6
Filter Rating	Element Media
DM = Particulate Removal Element AM = Particulate and Water Removal	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
Pump Version
S = Vane pump

BOX 8	BOX 9	BOX 10
Power Supply	Seal Material	Clogging Indicator
K = 120 V, 60 Hz, 1 Ph (0.25 kW)	F = FKM (FPM, Viton®)	E = Back-pressure indicator