

Filtration Station®

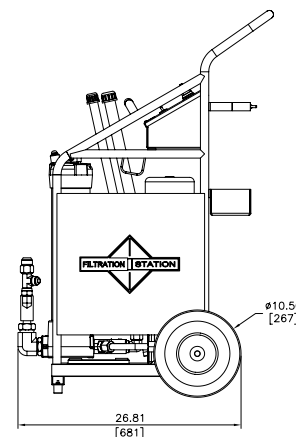
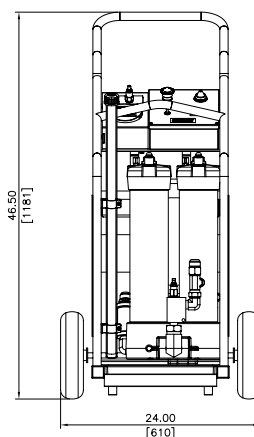
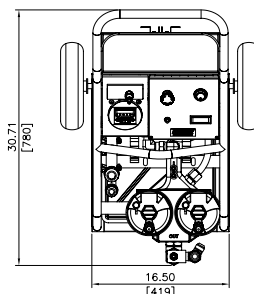
SMART
Product

The Filtration Station® (FS) is capable of flushing, filtering, and monitoring ISO cleanliness with user-defined, automatic features.

The FS is designed to transfer fluid through two (2) K9 filters in series for staged particulate or water/particulate removal. The FS is always furnished with two filter housings. Both filters are top-loading and include element indicators in the cap. A particle monitor reads samples from the pump discharge and displays ISO contamination codes on the onboard TCM (laser particle counter). The monitor allows the user to input the desired ISO cleanliness codes for the fluid. In auto mode, the system will run until the cleanliness codes are reached. Upon reaching the codes, the pump will stop and the cycle complete light will come on. When in manual mode, the system will run continuously and display the ISO codes. An optional water sensor is available for providing the water saturation of the fluid, which is displayed on the control panel.

FEATURES

- Real time monitoring of ISO cleanliness
- Automatic shutdown when user defined ISO codes are reached
- USB port allows the ISO code data to be downloaded for further processing and/or printing
- 30 mesh suction strainer and 230 micro filter and included to protect the pump and particle monitor from clogging
- Optional water sensor allows real-time water saturation of the fluid to be displayed
- Bypass valve allows cart to be used as a bulk fluid transfer cart
- Single fit point for easy lifting
- Plastic removable drip pan
- DC drive, variable flow model available



SPECIFICATIONS

Flow Rating:	AC Option: 9 gpm (34 L/min) DC Option: 3-8 gpm (11.4 - 30.2 L/min)	Bypass Valve Setting:	Cracking: 30 psi (2 bar) x 2
Motor:	1 HP - 12.6 amps at 120 Volts AC 1 HP - 10 amps at 90 Volts DC	Compatibility:	All petroleum-based hydraulic fluid. Compatible with Buna or Viton® Contact factory for use with other fluids
Viscosity:	1000 SUS (216 cSt)	Element Change Clearance:	17.50" for 2K / 26.5" for 27K
Maximum Pressure:	180 psi (12.5)	Weight:	195 lbs (89 kg)
Operating Temperature:	-20°F to 150°F (-29°C to 65°C)		

Oil Service
PRODUCTS
from Schroeder

580 West Park Road • Leetsdale, PA 15056
p. 724.318.1100 • f. 724.318.1200

APPLICATIONS

- **In-Plant Service** Filter to desired cleanliness levels and extend component life
- **Mobile Dealer Networks** Aid in certified re-builds, service contracts and total maintenance & repair programs
- **Original Equipment Manufacturer** Filter to require roll-off cleanliness levels
- **Lubricant Reclamation/Recycling** Clean oil to extend oil life and reduce hazardous waste

MODEL NUMBER SELECTION

How to Build a Valid Model Number for a Schroeder FS:

BOX 1	BOX 2	BOX 3	BOX 4	BOX 5	BOX 6	BOX 7	BOX 8	BOX 9
FS	-	-	-	-	-	-	-	-

Example: Note: One option per box

BOX 1	BOX 2	BOX 3	BOX 4	BOX 5	BOX 6	BOX 7	BOX 8	BOX 9								
FS	-	A	-	3	-	09	-	Z03	-	Z01	-	V	-	9	-	

BOX 1	BOX 2	BOX 3	BOX 4	BOX 5	BOX 6
Model	Voltage***	No. of Elements*	Element Length*	Element Media First Filter	Element Media Second Filter
FS	A = 120 VAC 60 Hz B = 220 VAC 60 Hz C = 220 VAC 50 Hz	1 2 3	18 27 09 09	Z, EWR** plus 01, 03 05, 10, 25	Z, EWR** plus 01, 03 05, 10, 25
BOX 7	BOX 8	BOX 9			
Seal Material	Pump Size	Options			
B = Buna N V = Viton®	9 = 9 gpm D = DC Drive, variable flow 3-8 gpm	W = TWS-C Water Sensor			

Notes:

- Box 2. A plug is not provided for options B & C in Box 2 (220 V).
- Box 3. Double or triple length bowls only; matching background colors indicate available combinations: if Box 3 = 1, Box 4 must be either 18 or 27; when Box 3 = 2 or 3, Box 4 must be 09.
- Box 5 & 6. Water removal (W) elements are indicated by an "EWR" in the part number and are not followed by a 01, 03, 05, 10 or 25.
- Box 8. When Box 8 = D, Box 2 must be A.

Oil Service
PRODUCTS
from Schroeder

580 West Park Road • Leetsdale, PA 15056
p. 724.318.1100 • f. 724.318.1200