HFS-BC Handy Filter Systems Basic Cart

Features and Benefits

- Compact size, easily transported
- Now available with 12 V DC Power Option, allowing for system power to be drawn directly from your heavy machinery
- Cartridge elements have 25% higher dirt holding capacity compared to spin-on filters
- Top-ported filter provides easy element service
- Can be used as an efficient "tank-topper" solution for drums of mineral-based fluids
- Optional Backpack Version available for ease of transport across distances

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 drums to system reservoirs

Description

Schroeder's Handy Filter System Basic Cart is a compact, self-contained "light-duty" 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 pre-filtering new fluids, since new fluids often have contamination levels significantly higher than that recommended for most hydraulic systems.

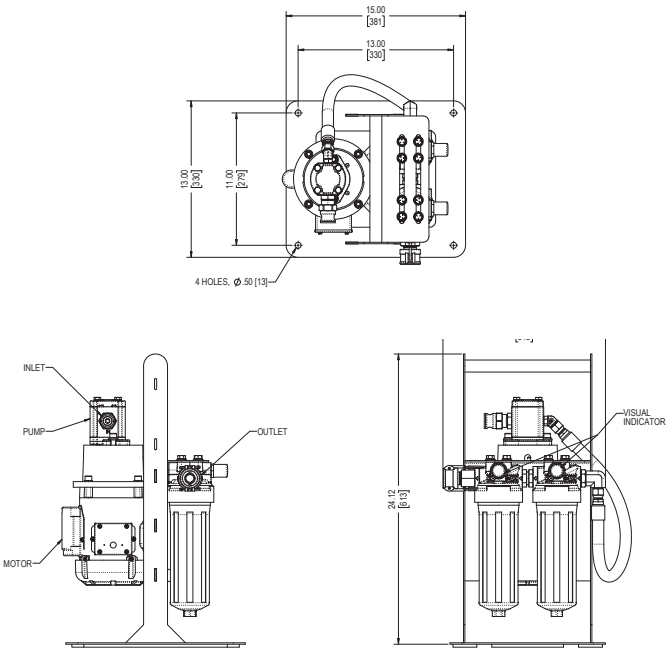
The filtration system's compact, lightweight design with replaceable element cartridge and reusable bowl minimizes landfill waste. Element service is easily accomplished through the top-ported filter housings. The optional dual filter assembly allows for water and particulate removal or staged particulate contamination removal.

Specifications

Flow Rating:	4 gpm (15.14 L/min) max
Maximum Viscosity:	1,600 SUS (350 cSt)
Hose Pressure Rating:	30 psig (2.0 bar) @ 150°F (65.6°C) Full vacuum @ 150°F (65.6°C)
Fluid Temperature:	25°F to 150°F (-4°C to 65°C)
Material:	Element case: Aluminum
Seal Material:	Buna N
Compatibility:	All petroleum based hydraulic fluid. Contact factory for use with other fluids.
Motor:	115 VAC single phase .25 hp
Weight:	Single housing - 40 lbs Dual housing - 44 lbs BackPack version - 39 lbs (Does not include weight of hose/wands)

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

Handy Filter Systems Basic Cart HFS-BC



Metric dimensions in ( ).

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

BOX 1	BOX 2	BOX 3	BOX 4	BOX 5	BOX 6	BOX 7	BOX 8	BOX 9
HFS-BC –		–		–		–		–

Example: NOTE: One option per box

BOX 1	BOX 2	BOX 3	BOX 4	BOX 5	BOX 6	BOX 7	BOX 8	BOX 9	
HFS-BC –	A –	2 –	09 –	H10 –	H05 –	B –	E –		= HFS-BCA209H10H05BE

BOX 1	BOX 2	BOX 3	BOX 4
Model	Voltage	Number of Filter Housings	Element Length
HFS-BC	A = 120VAC / 1-Phase / 60 Hz T = 12 Volt DC Option	1 = Single 2 = Dual	09

BOX 5	BOX 6
Element Media First Housing	Element Media Second Filter (Dual Only)
H03 = 3 µm Excellement® Z-Media® (synthetic)	Omit = Single housing and Backpack version
H05 = 5 µm Excellement® Z-Media® (synthetic)	H03 = 3 µm Excellement® Z-Media® (synthetic)
H10 = 10 µm Excellement® Z-Media® (synthetic)	H05 = 5 µm Excellement® Z-Media® (synthetic)
H25 = 25 µm Excellement® Z-Media® (synthetic)	H10 = 10 µm Excellement® Z-Media® (synthetic)
GW = Water Removal	H25 = 25 µm Excellement® Z-Media® (synthetic)
	GW = Water Removal

BOX 7	BOX 8	BOX 9
Seal Material	Clogging Indicator	Options
B = Buna	E = Standard Visual Indicator	BP = BackPack Version (Single Housing Only)

Model Number Selection