

Lightweight Portable Handcart Filter-Pump

- Removes Water and Dirt from Oils and Fuels
- 5 GPM Flow Rate
- No Tools Required to Change Cartridges

DESCRIPTION

The MP5E is a complete filtration package on wheels. All you have to do is install the filter cartridge, plug it in, and watch it meet your toughest filtration requirements.

Designed for industrial applications, the MP5E uses a large filter cartridge with up to 4500 square inches of filter media. This improves filtration efficiency and capacity, reduces change-out frequency and gives the best long term operating costs.

More than 26 types of filter cartridges are available to meet your specific filtration requirements.

APPLICATIONS

The MP5E Portable Filter can be used for:

Transfer: Remove dirt and water while pumping oils or fuel from one place to another.

Preventive Maintenance: Routine filtering of oil at the machine reservoir extends the life of machine components and the oil itself.

Reclamation: Put spilled oil into a drum, filter it to remove dirt and water, and you can reuse the oil instead of throwing it away.

The MP5E Portable Filter effectively processes:

Insulating Oil	Quench Oil
Hydraulic Oil	Gasoline
Gear Oil	Cutting Oil
Lube Oil	Diesel Fuel
Transformer Oil	Kerosene
Biodiesel Fuel	



OPTIONS & ORDERING INFORMATION

Specify model numbers as shown below:

MP5E-1	115 vac, 1 phase, 60 Hz (basic unit)
MP5EXP-1	115 vac, 1 phase, 60 Hz, explosion proof*
MP5E-2	230 vac, 1 phase, 60 Hz
MP5EXP-2	230 vac, 1 phase, 60 Hz, explosion proof*
MP5E-7	230 vac, 1 phase, 50 Hz
MP5EXP-7	230 vac, 1 phase, 50 Hz, explosion proof*
MP5E-10	Air motor
550Y020	Flow Control Bypass – Allows manual adjustment of flow rate; controls pump cavitation
552Y030	Filter Bypass – Transfer oil without filtration
703Y004	Delta P Gauge – Direct reading 0 - 50 psid differential pressure gauge
722Y006	Digital Flowmeter – Direct reading, displays flow rate, total flow volume, total resettable batch flow volume
554Y001	Effluent Sample Tap - with 1/4 turn ball valve
725Y009	High Pressure Shut-off Switch, adjustable, with reset button
553Y035	4-Way Inlet Valve - reverses direction of flow through hoses

***Note:** Explosion proof units shipped without power cord, switch, or plug

For stationary base mounted unit, substitute "S" in model number for "P". Example: MS5E-1 = stationary base mtd 5 gpm filter pump, 115 vac, 1 ph, 60 Hz

CARTRIDGE SELECTION

The MP5E portable filter accepts all Velcon standard 618/718 size cartridges. Cartridges are available for removal of free water, dirt, and acids. Contact your local Velcon representative for a complete listing of available cartridges and their applications.

RECOMMENDED SPARES

- 6 cartridges
- 1 G-1016 Buna-N lid gasket

Note: If Viton-A lid gaskets are desired, order 2 G-1016A



SPECIFICATIONS

- 5 gpm flow rate
- Epoxy coated vessel interior and exterior
- Band clamp vessel closure
- 10 inch semipneumatic wheels
- Totally enclosed fan cooled (TEFC) motor 1/2 hp, 115V, 1 phase, 60 Hz, 10 amps
- Self priming positive displacement pump with built-in pressure relief valve
- Pressure gauge
- 3 wire power cord 10 feet long with 3 prong plug
- 9 feet inlet and discharge hose, 3/4" I.D.
- 3/4" NPT male fittings on hose ends
- Strainer mounted on inlet line
- Weight: 106 lbs. Shipping weight: 130 lbs.
- Height: 52" Length: 18" Width: 22"



Velcon products are sold and serviced by a world-wide representative network. To order, contact Headquarters or your **LOCAL REPRESENTATIVE:**

COMPANY HEADQUARTERS:
Velcon Filters, Inc.
1210 Garden of the Gods Road
Colorado Springs, CO 80907-3410
Phone: 1.800.531.0180 / 1.719.531.5855
Fax: 719.531.5690
e-mail: vfsales@velcon.com
www.velcon.com

MANUFACTURING PLANTS LOCATED AT:
Colorado Springs, Colorado
Sylacauga, Alabama
Henryetta, Oklahoma

OVERSEAS AFFILIATES:
Frankfurt/M., Germany & Singapore

*Liquid Filtration
and Separation
Specialists*