

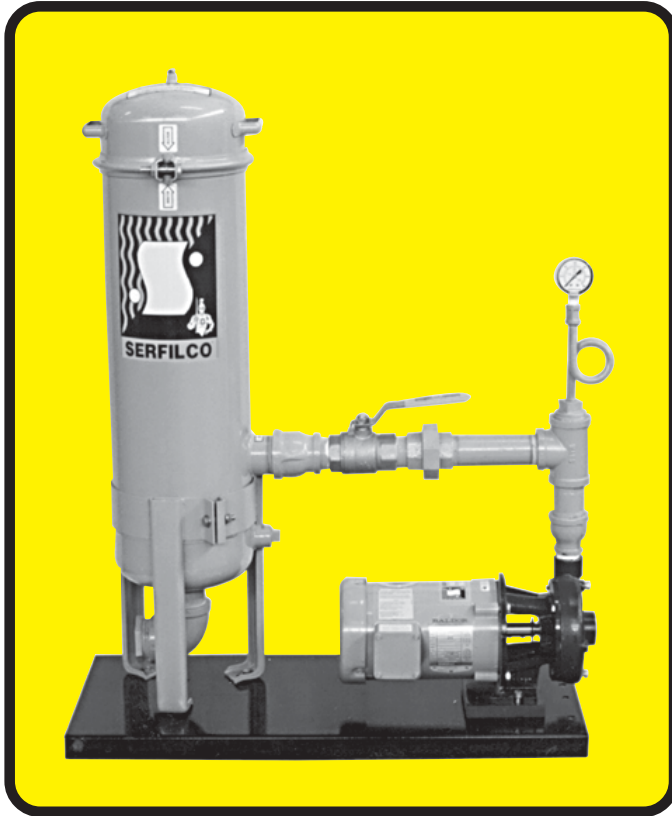
SERFILCO®

SERIES 'M' FILTRATION SYSTEMS

BULLETIN
F-211D
OCT. 2003

STAINLESS STEEL OR STEEL

FOR: CLEANERS, RINSES, QUENCH, CUTTING AND HYDRAULIC OILS



SPECIFICATIONS

SYSTEM:

Models consist of a filter chamber, a cast centrifugal single or double seal pump, TEFC motor, flow control valve, piping, vent valve and pressure gauge, all mounted on a rugged vinyl coated steel base.

PUMP:

The Series 'HCI' (cast iron) and 'HSS' (cast 316 stainless steel) horizontal pumps feature a compact, close-coupled design. A high efficiency, semi-open impeller minimizes clogging and, since the components are cast, there are no welds to break. Also, cast construction provides corrosion resistance that is superior to welded styles.

The self-priming Series 'SP' pumps are constructed of cast iron for dependable duty in a variety of applications. The pumps include a 316 stainless steel shaft, 316 stainless steel fasteners, and cast iron mounting

FEATURES

- High flow rates to 9,000 GPH
- Wide selection of standard systems including self-priming models
- Filter area from 15 to 60 square feet
- Uses standard 10", 20" or 30" double open end (DOE) cartridges
- Rugged construction, all hard piped and mounted on a vinyl coated steel base
- Compact! More flow and surface area than many systems of similar dimensions
- Easy to operate — standard flow control valve, pressure gauge and vent valve assembly

BENEFITS

- Improve finished goods quality, minimize scrap and rework
- Extend process solution life with continuous dirt removal
- Minimize downtime for tank maintenance and sludge removal with high flow, large surface area
- Protect heaters and other in-tank equipment
- Economical to operate — highly durable and efficient cast centrifugal pumps and low PSI drop chambers with easy cartridge change
- Low installation cost — pre-packaged systems offer more flow and surface area than competitive models

bracket. They feature a semi-open impeller which is also constructed of 316 stainless steel.

Standard pump elastomers are EPDM. Viton® is available. Motors are TEFC, 208-230-460V, 3 ϕ , 3450 RPM @ 60 Hz or 380-415V, 3 ϕ , 2850 RPM @ 50 Hz. Specify operating voltage when ordering.

FILTER CHAMBER:

Constructed of 304 stainless steel or carbon steel with an external coat of 2-part epoxy grey paint. The chamber gasket is Buna-N. Chamber features 100 PSI design with oversized inlet and outlet connections to minimize pressure drop. Available for 5 - 10", 20" or 30" double open end cartridges providing 17.5, 35 or 52.5 square feet of dirt holding capacity respectively. Single bolt V-clamp cover closure allows quick and easy media change.

SERIES 'M' FILTRATION SYSTEMS Specifications and ordering information

SPECIFICATIONS and ORDERING INFORMATION								
SYSTEM NUMBER ¹	FLOW GPH @ 60 Hz	MAX. PUMP PSI	PUMP HP	MEDIA	SURFACE AREA Sq. Ft. ⁴	CONNECTIONS SUCTION x DISCHARGE ²	DIMENSIONS L x W x H	SHIPPING WEIGHT. Lbs.
STAINLESS STEEL or STEEL SYSTEMS³								
SS10HSS110H	2,500	21	1.0	5 - 20"	35	1 1/4" x 2"	30" x 13" x 39"	150
SS15HSS110H	2,500	21	1.0	5 - 30"	52.5	1 1/4" x 2"	30" x 13" x 49"	160
SS10HSS315H	3,500	30	1.5	5 - 20"	35	1 1/4" x 2"	30" x 13" x 39"	155
SS15HSS315H	3,500	30	1.5	5 - 30"	52.5	1 1/4" x 2"	30" x 13" x 49"	165
SS10HSS420H	4,000	34	2.0	5 - 20"	35	1 1/4" x 2"	30" x 13" x 39"	170
SS15HSS420H	4,000	34	2.0	5 - 30"	52.5	1 1/4" x 2"	30" x 13" x 49"	180
SS10HSS520H	4,500	40	2.0	5 - 20"	35	1 1/4" x 2"	30" x 13" x 39"	170
SS15HSS520H	4,500	40	2.0	5 - 30"	52.5	1 1/4" x 2"	30" x 13" x 49"	180
SS10HSS715H	5,500	20	1.5	5 - 20"	35	2" x 2"	30" x 13" x 39"	165
SS15HSS715H	5,500	20	1.5	5 - 30"	52.5	2" x 2"	30" x 13" x 49"	175
SS15HSS820H	7,500	30	2.0	5 - 30"	52.5	2" x 2"	30" x 13" x 49"	190
SS15HSS930H	9,000	36	3.0	5 - 30"	52.5	2" x 2"	30" x 13" x 49"	195
STEEL SYSTEMS (SELF-PRIMING)								
S10SP10H	3,500	24	1.0	5 - 20"	35	1 1/2" x 2"	30" x 13" x 39"	160
S15SP10H	3,500	24	1.0	5 - 30"	52.5	1 1/2" x 2"	30" x 13" x 49"	170
S10SP15H	4,500	32	1.5	5 - 20"	35	1 1/2" x 2"	30" x 13" x 39"	180
S15SP15H	4,500	32	1.5	5 - 30"	52.5	1 1/2" x 2"	30" x 13" x 49"	190
S10SP20H	6,500	34	2.0	5 - 20"	35	1 1/2" x 2"	30" x 13" x 39"	185
S15SP20H	6,500	34	2.0	5 - 30"	52.5	1 1/2" x 2"	30" x 13" x 49"	195
S10SP30H	7,500	37	3.0	5 - 20"	35	1 1/2" x 2"	30" x 13" x 39"	195
S15SP30H	7,500	37	3.0	5 - 30"	52.5	1 1/2" x 2"	30" x 13" x 49"	205

¹ To order double mechanical water flush seal, change **HSS** to **HSSD** or **HCI** to **HCID** in System No.

² FNPT x FNPT.

³ To order steel system, change **SS** to **S** and **HSS** to **HCI** in System No.

⁴ With 2 1/2" diameter nominal string wound filter cartridges. Order media separately. Refer to Bulletin M-109.

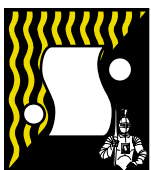
OPTIONAL EQUIPMENT

DESCRIPTION	PRICE CODE NO.
MOTOR STARTER - Assembled & installed <i>Specify operating voltage.</i> Watertight NEMA 4X magnetic push-button with overload protection. For Start / Stop operation	O-MS3P
As above, but includes low voltage control circuit required for use with Dri-Stop 2R	O-MS3P-S

DESCRIPTION	PRICE CODE NO.
Dri-Stop® 2R Recommended for use with double mechanical water flush seal pump. Automatically de-energizes pump motor when cooling water flow is interrupted. Eliminates costly dry run repairs. Requires MS3P-S motor starter, electric and water source.	O-2DS2R

F.O.B. Northbrook, Illinois

Specifications subject to change without notice.



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