



# SERFILCO®

Chemical resistant pumps & filters engineered for industry

BULLETIN  
F-405\_A  
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## Opti-Flo | DISC FILTRATION SYSTEMS

**FOR THOSE WHO DEMAND  
THE FINEST IN SOLUTION CLARITY**



**DOUBLE DISC SYSTEM  
WITH OPTIONAL HOIST**

New **Opti-Flo Disc Filtration Systems** are designed to provide state of the art performance with high flow rates and maximum filtration areas to achieve optimal solution clarity. Systems utilize technology and design features gained through SERFILCO's more than 50 years of experience in the filtration industry and are available in a single or double chamber design for flow rates to 36,000 gallons per hour. They also may be selected with an optional polishing filter.

The filter chambers are rubber lined steel with an externally applied epoxy coating that provides maximum corrosion resistance both inside and out. Chambers also feature a unique cover lift design for safe and convenient servicing. The pumps are corrosion resistant thermoplastic with non-metallic solution contact and are a proven SERFILCO design. Standard pumps feature double water-flushed mechanical seals for maximum system performance and reliability.

- **High Flow Rates**  
**12,000 - 36,000 GPH @ 60 Hz**
- **Non-Metallic solution contact**
- **Rubber lined steel chambers**
- **CPVC double mechanical seal pump standard**
- **Large solids area: 70 - 210 sq. ft**
- **Optional polishing filter**



## Standard Opti-Flo systems include:

- Rubber lined steel filter chambers
- CPVC pumps with double water flushed seals
- Swing bolt chamber closure with stainless steel external hardware
- Chamber davit lift assembly
- Flange Connections
- Pressure gauge guard assembly with blowdown connection
- 55 gal. slurry tank with valves

## SINGLE CHAMBER SYSTEMS

SYTEM NUMBER	FLOW RATE GPH @ 60 Hz	NO. OF DISCS	AREA (FT <sup>2</sup> )	PUMP TYPE (HP)	SUCT/DISCH CONNS	DIMENSIONS L x W x H	SHIPPING WEIGHT (Lbs.)
FDR70HFD675	14,000	20	70	HF 7.5	3"F X 3"F	64 x 48 x 73	1425
FDR105HFD210	20,000	30	105	HF 10.0	3"F X 3"F	64 x 48 x 73	1450

## DOUBLE CHAMBER SYSTEMS

SYTEM NUMBER	FLOW RATE GPH @ 60 Hz	NO. OF DISCS	AREA (FT <sup>2</sup> )	PUMP TYPE (HP)	SUCT/DISCH CONNS	DIMENSIONS L x W x H	SHIPPING WEIGHT (Lbs.)
FDR140HFD675	28,000	40	140	2 x HF 7.5	3"F X 3"F	96 x 64 x 73	2850
FDR210HFD210	40,000	60	210	2 x HF 10.0	3"F X 3"F	96 x 64 x 73	2900

## OPTIONAL

DESCRIPTION	PRICE CODE NO.
<b>MOTOR STARTER - NEMA 4 X Watertight push button</b>	
230-460V/3/50-60 <b>NOTE:</b> Specify Operating Voltage	O-FMS3P-S
<b>DRI-STOP® - PUMP PROTECTOR</b>	
DRI-STOP 2R for use with double mechanical seal pumps.	O-2DS2R

DESCRIPTION	PRICE CODE NO.
<b>POLISHING FILTER</b>	
PVC Construction - 78 cartridge Order Media from <b>M-109</b>	O-PJ78

## DISC MEDIA

FILTER DISCS, CELLULOSE Packaged in carton of 250		
DESCRIPTION	MICRON RATING	PRICE CODE NO.
CE5x27	5	88-1900-5
CE10x27	10	88-1900-10
CE20x27	20	88-1900-20
CE40x27	40	88-1900-40

