

SEREILCO®

F-405_A 10/28/2020

Chemical resistant pumps & filters engineered for industry

Opti-Flo | DISC FILTRATION SYSTEMS



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



2900 MacArthur Blvd. Northbrook, IL. USA 60062 www.serfilco.com (800) 323 - 5431

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 (FT²) | 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

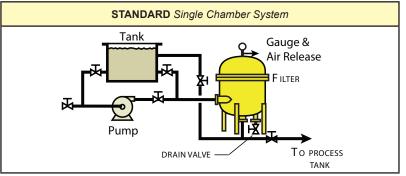
| SYTEM NUMBER | FLOW RATE GPH @ 60 Hz | NO. OF DISCS | AREA (FT²) | PUMP TYPE (HP) | SUCT/DISCH CONNS | DIMENSIONS L x W x H | SHIPPING WEIGHT (Lbs.) |
|-----------------|-----------------------------|-----------------|---------------|----------------------|---------------------|-------------------------|------------------------------|
| 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. | | | |
|--|-------------------|--|--|--|
| MOTOR STARTER - NEMA 4 X Watertight push button | | | | |
| 230-460V/3/50-60 NOTE: Specify Operating Voltage | O-FMS3P-S | | | |
| DRI-STOP [©] - PUMP PROTECTOR | | | | |
| DRI-STOP 2R for use with double mechanical seal pumps. | O-2DS2R | | | |

| POLISHING FILTER | | | | |
|--|--------|--|--|--|
| PVC Construction - 78 cartridge Order Media from M-109 | O-PJ78 | | | |
| DISC MEDIA | | | | |
| FILTER DISCS, CELLULOSE | | | | |

DESCRIPTION



| 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 | | | |

F.O.B. Northbrook, Illinois

Specifications subject to change without notice.

PRICE

CODE NO.