



MEGA-FLO® DISC | FILTRATION SYSTEM



COMPACT, HIGH FLOW, EFFICIENT & DURABLE SYSTEMS DESIGNED TO HANDLE A VARIETY OF SOLUTIONS

- **High Flow Rates**
Up to 14,000 GPH @ 60Hz
- **Non-Metallic solution contact**
CPVC or polypropylene
- **Quiet, efficient centrifugal pumps —**
Single seal, double seal or magnetic-coupled. Handles nearly all electroplating applications.
- **Large solids area: 70 sq. ft.**
- **40 gal. slurry tank with valves**
- **3" flanged inlet & outlet**

Mega-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 for flows to 14,000 gallons per hour. They are compact, easy to install and simple to operate.

Systems are corrosion resistant with a choice of CPVC or polypropylene construction and are available with single or double mechanical seal pump or with a magnetic coupled polypropylene pump to meet almost any application.

Double seal pumps are recommended for use with solutions having ferrous metal particles, excessive abrasives and for solutions which crystallize when cooled. In addition, the double water flush seal pump is an excellent choice for applications requiring dry run operation.

Filter chambers feature rugged machined construction with oversized ports for low pressure differential. Swing bolt cover closure with stainless steel hardware and pressure gauge guard assembly are standard.



Standard MEGA-FLO[®] DISC systems include:

- CPVC or polypropylene construction.
- Corrosion resistant mounting base.
- 40 gal. slurry tank with valves.
- Stainless steel external hardware and fasteners.
- Swing bolt chamber closure.
- Flange connections.
- PSI gauge guard assembly and vent valve.
- NEMA 4X watertight motor starter with overload protection.
- Pump protector included with double seal pumps.

Systems with polypropylene magnetic drive pump and CPVC filter chamber.

| System Number ¹ | FLOW RATE GPH @ 60 Hz | NO. OF DISCS | AREA (sq. ft.) | PUMP TYPE HP | SUCT/DISCH CONNS | DIMENSIONS L x W x H (in.) | SHIPPING WEIGHT (lbs.) |
|----------------------------|-----------------------|--------------|----------------|--------------|------------------|----------------------------|------------------------|
| CJD70FE320 | 5,500 | 65 | 70 | FE 2.0 | 3"Fx3"F | 30x46x76 | 560 |
| CJD70FE3250 | 8,000 | 65 | 70 | FE3 5.0 | 3"Fx3"F | 30x46x76 | 575 |
| CJD70FE3375 | 11,000 | 65 | 70 | FE3 7.5 | 3"Fx3"F | 30x46x76 | 600 |

Systems with CPVC single or double seal² direct drive pump and CPVC filter chamber

| System Number ¹ | FLOW RATE GPH @ 60 Hz | NO. OF DISCS | AREA (sq. ft.) | PUMP TYPE HP | SUCT/DISCH CONNS | DIMENSIONS L x W x H (in.) | SHIPPING WEIGHT (lbs.) |
|----------------------------|-----------------------|--------------|----------------|--------------|------------------|----------------------------|------------------------|
| CJD70HE330 | 5,500 | 65 | 70 | HE 3.0 | 3"Fx3"F | 30x46x76 | 570 |
| CJD70HF675 | 9,000 | 65 | 70 | HF 7.5 | 3"Fx3"F | 30x46x76 | 585 |
| CJD70HF175 | 14,000 | 65 | 70 | HF 7.5 | 3"Fx3"F | 30x46x76 | 585 |

¹ To order system with polypropylene chamber and pump change CJD to PPJD in System No.

² To order pump with double mechanical seal change HE to HED or HF to HFD.

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| FILTER DISC MEDIA AND OPTIONS Use Price Code Number to Order |
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| FILTER DISC MODEL NUMBER | MICRON RATING | PRICE CODE NUMBER (carton of 250) |
|--------------------------|---------------|-----------------------------------|
| CE 5 x 14 | 5 | 88-2100-5 |
| CE 10 x 14 | 10 | 88-2100-10 |
| CE 20 x 14 | 20 | 88-2100-20 |
| CE 40 x 14 | 40 | 88-2100-40 |

| OPTIONAL | ADD TO SYSTEM NO. |
|--|-------------------|
| Viton [®] elastomers on filter chamber and pump | V |