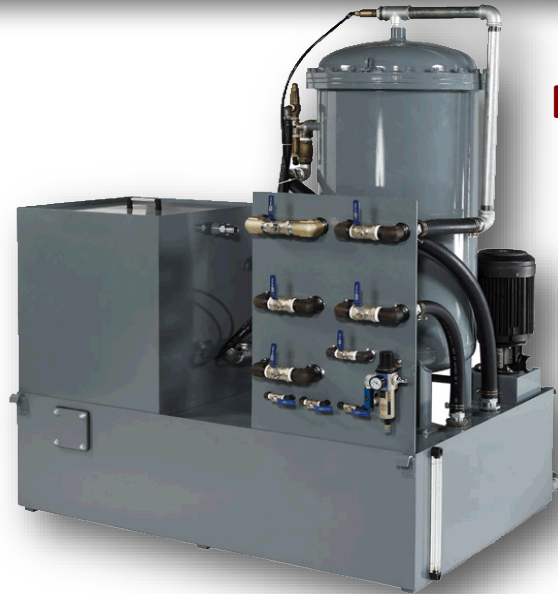


For Oil Based Coolants



CFM-Series Precision Candle Filters
Manual Cleaning

An economical solution with uncompromised quality where the operator must clean and back wash the filter elements.

Filter Efficiency:

- 1 ~ 3 micron



Grinding oil samples
Before and after



Each candle is comprised of thousands of compressed wafers that restrict particle from 1 ~ 3 micron

1. Coolant filtration system for EDM and oil grinding fluids
2. Each candle-like filter element is composed of thousands of compressed thin wafers. When dirty fluid passes through the compressed wafers, all particles over one micron are trapped on the outside edge of the filter element.
3. Filter efficiency reaches 1 ~ 3 micron.
4. Automatically cleaned by a rapid backwash cycle. Compressed air is used to blow out particles trapped on the filter elements and then deposit them into a sludge basket for recovery or disposable.
5. Life span of the filter elements last several years.

Recommended Oil
(No water mixed, which will deteriorate oil quality and reduce flow rate.)

Grinding Oil

BRAND	VISCOSITY	FLASH POINT
CROWN CUT 850	43 SUS@ 100°F	266°F
Sintogrind TT	45 SUS@ 100°F	320°F
Castrol 488 CF	45 SUS@ 100°F	230°F
Castrol Honilo 980	43 SUS@ 100°F	250°F
OMNI-Grind V	37 SUS@ 100°F	239°F
Norpar 15	33 SUS@ 100°F	240°F
Emo-O-Grind 168/3	45 SUS@ 100°F	266°F

EDM Oil

BRAND	VISCOSITY	FLASH POINT
Castrol SE 180	37 SUS@ 100°F	212°F
US-1	36 SUS@ 70°F	240°F
US-2	32 SUS@ 77°F	165°F
US-3	34 SUS@ 77°F	210°F
Interlyte	37 SUS@ 72°F	220°F
Iono Plus	37 SUS@ 77°F	225°F
Commonwealth 259T	37 SUS@ 72°F	259°F
Commonwealth 244	37 SUS@ 72°F	244°F

CFM-Series Precision Candle Filters
Manual Cleaning

Application:

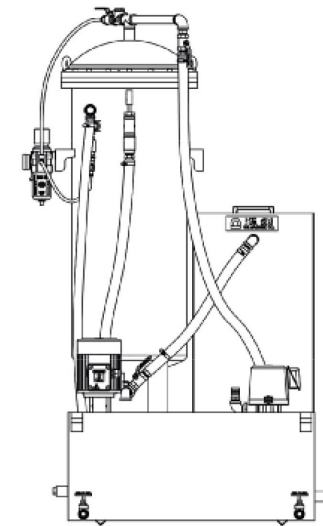
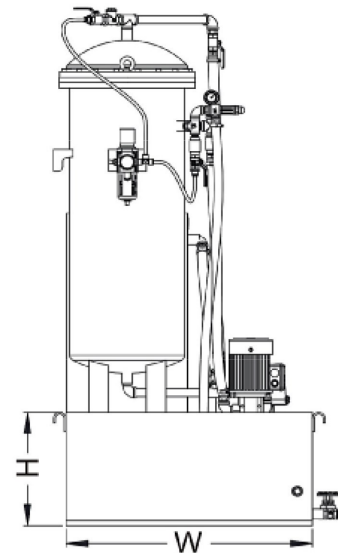
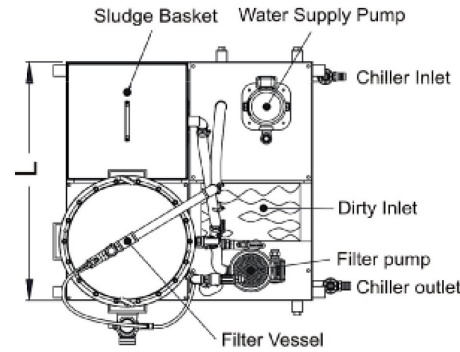
- Electric Discharge Machines
- Carbide Tool Grinders

Max Permissible Oil Viscosity:

- EDM under 37 sus (73°F, 22.8°C)
- Grinder under 45 sus (100°F, 37.8°C)

Standard Options:

- A magnetic separator is recommended in ferrous applications as a pre-filter
- High pressure supply pumps are available
- Custom tank sizes are available
- A chiller can be added to control coolant temp



Manual Precision Candle Filter

Model	Vessel Capacity	Flow Rate lpm (gpm)	L	W	H	Clean Supply Pump	Stock Number
CF2M	9-Candles	13.5 (3.5)	815	815	390	1/8-hp	755-153F0009
CF3M	19-Candles	28 (7.4)	815	815	390	1/8-hp	755-153F0019
CF4M	37-Candles	55 (14.5)	815	815	390	1/4-hp	755-153F0037
CFM	61-Candles	90 (16.1)	1220	865	480	1/2-hp	755-153F0061