



F.Y.I.

TEMPERATURE CONTROLLERS... PORTABLE CHILLERS... CENTRAL CHILLERS... PUMP TANK STATIONS... TOWER SYSTEMS...

SUBJECT: MLS SERIES FILTERS

#7-A-169

10/12/95

DEPENDABLE, LOW MAINTENANCE FILTRATION

“The simpler, the better” is the perfect description of this alternative to expensive, automatic filters. It is also far more dependable than many intricate filters now available.

The unique, large conical screen element creates flow patterns that give the MLS Series Filter a self-cleaning ability and the advantage of operating at maximum efficiency on less horsepower energy.

There are no devices like spinners, torpedoes, drive units or even electricity which may cause an unacceptable pressure loss.

Maintenance is low, output is high and pressure loss is at an absolute minimum.

Made in the USA to USA tolerances, the MLS Series Filter is a durable, compact, stainless steel filter that can be manifolded to suit any flow rate requirements.

Self-cleaning principles are achieved when water flows through the conical screen interior. Debris is effectively forced to the bottom reservoir for easy removal through the flush port. The MLS Series filter retains debris without creating blockage or pressure loss.

The innovative, patented design achieves exceptionally high output with only 2 psi or less loss under normal operating conditions.

This incredible efficiency results in less energy requirements and ultimately reduces operating costs.

The MLS Series filter models require less space than most filters and are available in six sizes: 2", 3" 4", 6", 8", and 10".

With flow rates up to 2,000 gpm, higher flows may be achieved by manifolding multiple filters. Working pressures up to 150 psi. Screen meshes from 16 to 150. Finer meshes are available upon request.



SPECIFICATIONS ON REVERSE.

SPECIFICATIONS:

SIZES AVAILABLE:

2", 3", 4", 6", 8", 10"

MODEL #'s

- MLS-2: 2"
- MLS-3: 3"
- MLS-4: 4"
- MLS-6: 6"
- MLS-8: 8"
- MLS-10: 10"

MAXIMUM RECOMMENDED FLOW RATES:

- MLS-2: 100 gpm
 - MLS-3: 200 gpm
 - MLS-4: 350 gpm
 - MLS-6: 750 gpm
 - MLS-8: 1300 gpm
 - MLS-10: 2000 gpm
- Can be manifolded to increase flow rates.
No minimum gallon per minute requirements.

SCREEN MESHES AVAILABLE:

- 16M 1003 microns
 - 30M 516 microns
 - 40M 381 microns
 - 50M 279 microns
 - 60M 234 microns
 - 80M 178 microns
 - 100M 140 microns
 - 120M 117 microns
 - 150M 104 microns
- Additional mesh sizes are available upon request

WORKING PRESSURES:

- Standard up to 100 PSI.
- High pressure models up to 150 PSI

CONSTRUCTION MATERIALS:

- Body: Type 304 Stainless steel
- Flanges: 150lb, type 304 stainless steel
- Filter elements: type 304 stainless steel
- Pressure gauge ports: 1/4" NPT standard

FLUSH PORT SIZES (NPT):

- MLS-2: 1/2"
- MLS-3: 1"
- MLS-4: 1-1/2"
- MLS-6: 2"
- MLS-8: 2"
- MLS-10: 2"

DIMENSIONS:

	A	B	C	D	E
MLS-4:	11.5"	26.0"	7.0"	19.0"	5.8"
MLS-6:	17.0"	36.0"	9.8"	25.0"	9.3"
MLS-8:	23.0"	48.0"	11.6"	31.8"	12.1"
MLS-10:	30.0"	59.0"	13.0"	40.0"	12.5"

