

6 MODELS
TO CHOOSE
FROM!

SOLIDS FILTRATION

MLS Series



MLS-3 with optional pressure gauges



MLS-4 with optional pressure gauges



MLS-6 with optional PDA and ATF features

PROCESS FLOW RATES:

- 5 to 2000 GPM

STANDARD SCREEN MESHES:

- 279 and 140 microns

AVAILABLE SCREEN MESHES:

- 74 to 1000 microns

ADVANTAGE MLS filters are the perfect alternative to expensive, automatic filter systems. MLS filters are more dependable than many other intricate filters now available.

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

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

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.

FEATURES - AT A GLANCE:

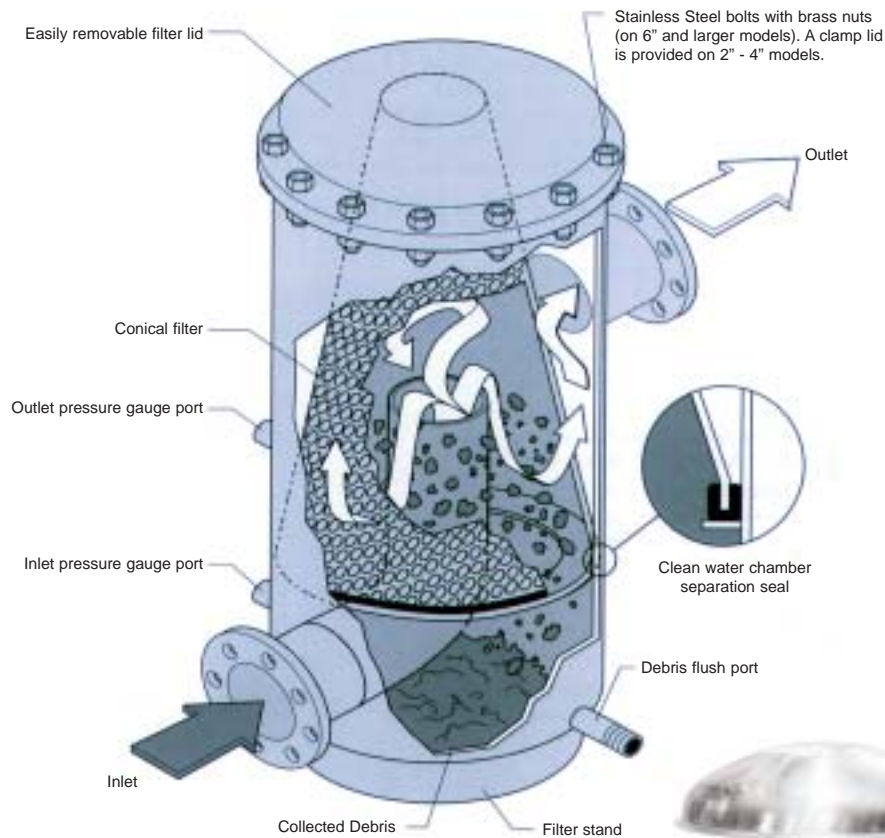
- High quality stainless steel construction
- Industry's lowest pressure loss
- Great for chilled or tower water
- High flow rates, full flow
- Screen meshes to 1000 microns



SPECIFICATIONS

MLS FILTERS		MLS-2	MLS-3	MLS-4	MLS-6	MLS-8	MLS-10
SIZE	Inches	2	3	4	6	8	10
MAXIMUM FLOW RATE	GPM	100	200	350	750	1,300	2,000
WORKING PRESSURES	PSI	125	125	125	150	150	150
FLUSH PORT SIZES	NPT	1	1	2	2	2	2
DIMENSIONS (inches)	Canister Diameter	6 1/2	9	11 1/2	17	23	30
	Height	16	16	26	36	48	59
	Total Width	10	13 1/2	19	25	31 3/4	40
CONNECTION TYPE		NPT	NPT	Flange	Flange	Flange	Flange
LID STYLE		Clamp	Clamp	Clamp	Bolt	Bolt	Bolt
UNIT WEIGHT	LBS	13	27	60	125	230	400

TYPICAL FILTER OPERATION



Conical filter removed from shell.

STANDARD & OPTIONAL FEATURES

STANDARD FILTER SCREEN MESH:

- 50 mesh (279 microns)
- 100 mesh (140 microns)

CONSTRUCTION MATERIALS:

- Body : type 304 stainless steel
- Flanges : 150 lb type 304 stainless steel
- Filter : type 304 stainless steel
- Pressure gauge port: 1/4" NPT standard

OPTIONS:

- Pressure differential alarm (PDA)
- Purge valve with timer (ATF)
- 3-valve bypass
- Alternate screen meshes
74 - 1000 microns

WARRANTY & SERVICE... MLS Series Filters are supported by a comprehensive factory warranty. Refer to bulletin ADV-205 for complete warranty details. The **ADVANTAGE** service department is staffed with experienced technicians, and supported by a network of independent service contractors. With **ADVANTAGE**, service is just a phone call away.



since 1977

ADVANTAGE PRODUCTS: TEMPERATURE CONTROLLERS • PORTABLE CHILLERS • CENTRAL CHILLERS • PUMP TANK STATIONS • TOWER SYSTEMS • FILTERS

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