

Plate Strainer

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

Mueller SYSTEMS

NOTICE OF DISCONTINUATION, Effective May 1st 2013

Mueller Systems is discontinuing our current line of strainers. We will continue to offer our plate strainers on a first come, first served basis until we exhaust our existing inventory. **At this time, we no longer have any UL strainers.** If you need an alternative to one of our meters that required a strainer, please take a look at the HbMAG electromagnetic meters, MVR and RFM vertical turbine meters with integral strainer, or our FM3 fire meter line with integral strainers.

Replacement component parts for the in line strainers will continue to be available for the foreseeable future. Check the exploded diagram and table in this data sheet for highlighted replacement components.

Thank you for using Mueller Systems products.

We appreciate your continued business.

Plate Strainer

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



Plate Strainer

Features

APPLICATIONS: Designed for installation with water meters to help protect against damage caused by debris in the pipeline, and to reduce turbulence and distortions.

CONSTRUCTION: Durable bronze for 2"-6" sizes; epoxy cast iron for 8" and 10" sizes.

OPERATION: Installed upstream of the meter. Optional drain plugs for periodic flushing. Stainless steel strainer has an area of two times nominal inlet opening for minimal flow restriction.

MAINTENANCE: Easy access and in-line service of strainer element.

CONNECTIONS: End flanges for 2" through 6" sizes are ANSI class 150 standard and for 8" and 10" sizes are ANSI class 125 standard.

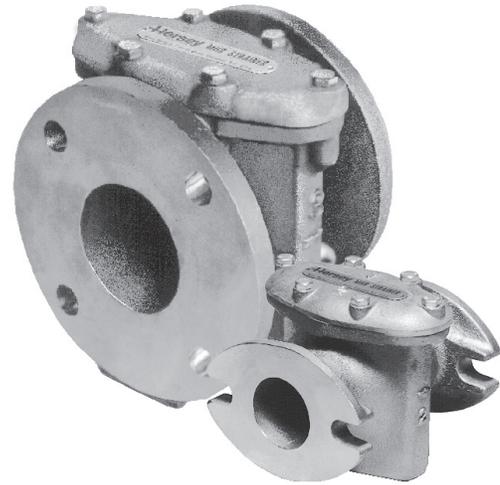
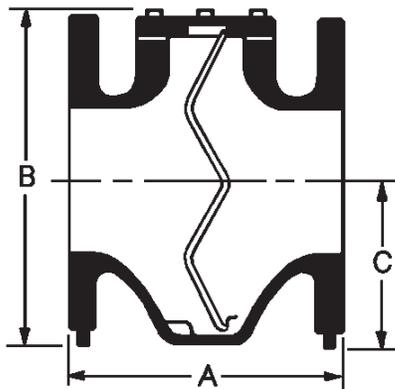


Plate Strainer

Dimensions and Weights



Size	2"	3"	4"	6"	8"	10"
A	6-1/2"	6"	7-1/2"	9"	10"	12"
B	5-3/4"	7-3/4"	9-1/4"	11-1/2"	14-1/16"	18-3/4"
C	2-13/16"	3-7/8"	4-5/8"	6"	7"	8-1/4"
Weight	16-1/2	26	40	80	150	220

NOTE: Weights are approximate and in pounds.

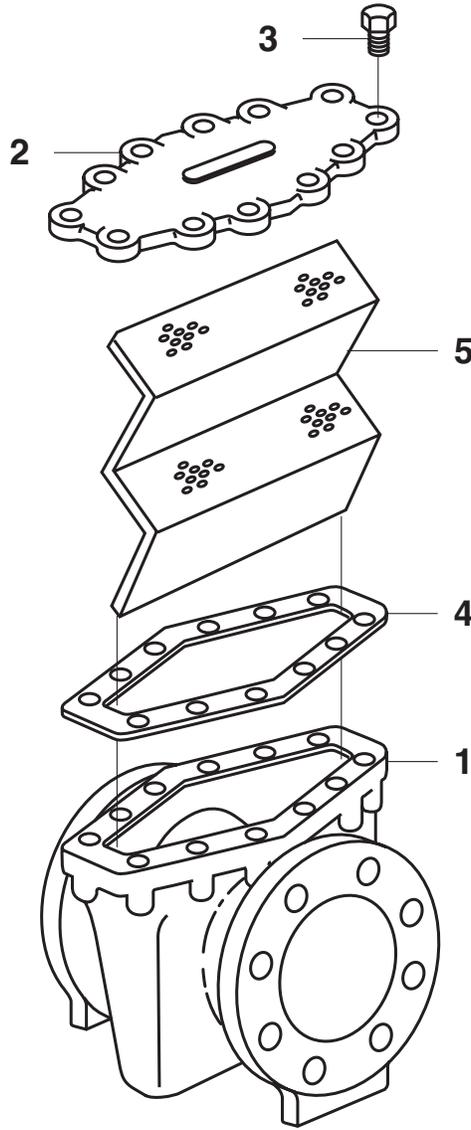
Materials and Specifications

SIZES	2", 3", 4", 6", 8", 10"
MAXIMUM WORKING PRESSURE	175 PSI
CASE	Bronze, 2" to 6" Epoxy coated cast iron, 8" to 10"
COVER	Bronze, 2" to 6" Epoxy coated cast iron, 8" to 10"
GASKET	Accopac
STRAINER	Stainless steel
BOLTS	Stainless steel
END FLANGES	2" to 6" ANSI class 150 standard 8" to 10" ANSI class 125 standard

Plate Strainer

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

Plate Strainer



Ref. No.	Description	2" Model	3" Model	4" Model	6" Model	8" Model	10" Model
	Complete Assembly	53164	54940	55940	56940	57940	58840
1	Case	53165	54911	55941	56941	57941E	58841E
2	Cover	53166	54942	55942	56942	57942E	58842E
3	Case Bolt	90010 (6)	90073 (6)	90065 (8)	90073 (10)	90121 (12)	90243 (14)
4	Case Gasket	53168	54943	55943	56943	57943	58843
5	Screen	53167	54944	55944	56944	57944	58844

Note: If more than one part is required per assembly, quantity is noted after part number (in parentheses).

UL Strainer

Sizes 3", 4", 6", 8", 10"

Mueller SYSTEMS

UL Strainer

Features

APPLICATIONS: For use on approved meters used on fire service connections to public water supplies, or similar one-directional, high-flow applications.

CONFORMANCE TO STANDARDS: UL listed for fire line application. FM Approved.

CONSTRUCTION: Corrosion resistant, fusion bonded epoxy coated steel and cover with a 304 stainless steel strainer.

OPERATION: Installed upstream of the meter, and includes drain plugs for periodic flushing. The stainless steel screen has more than six times the equivalent open area of the inlet pipe, which helps minimize head loss at high flow rates.

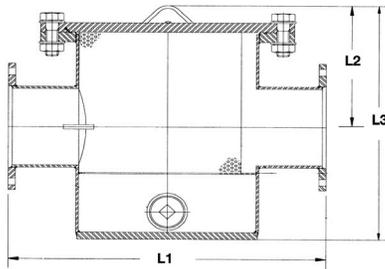
MAINTENANCE: Designed for easy access and in-line servicing of strainer element.

CONNECTIONS: End flanges are AWWA Class D.



UL Strainer

Dimensions and Weights



Dim.	3" Model	4" Model	6" Model	8" Model	10" Model
L1	14-1/8"	21"	26-7/8"	31-1/4"	30"
L2	10"	10-5/8"	11-1/4"	13"	14-1/2"
L3	20-5/8"	20-5/8"	22-3/8"	25-1/16"	29-5/16"
70	120	232	560	570	

NOTE: Performance curves are typical only and NOT a guarantee of performance.

Materials and Specifications

SIZES	3", 4", 6", 8", 10"
MAXIMUM WORKING PRESSURE	175 PSI
TEMPERATURE RANGE	33F to 130F
STANDARDS	UL Listed and FM Approved.
CASE	Fusion Bonded Epoxy Coated Steel
COVER	Fusion Bonded Epoxy Coated Steel
STRAINER	304 Stainless steel with .25 diameter perforations
BOLTS	Zinc plated.
END FLANGES	AWWA Class D

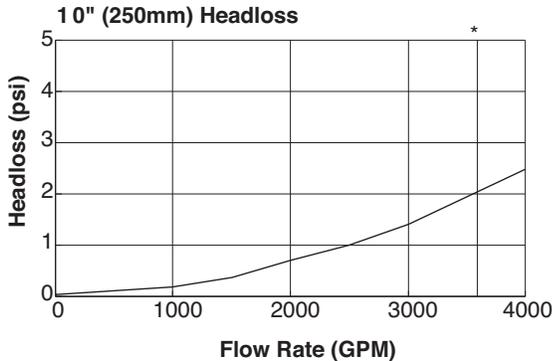
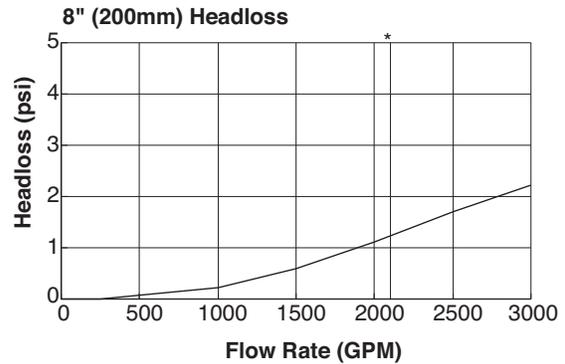
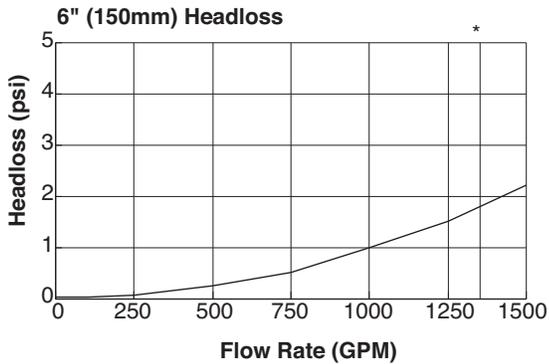
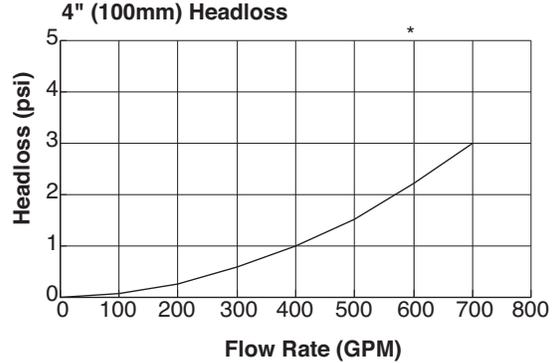
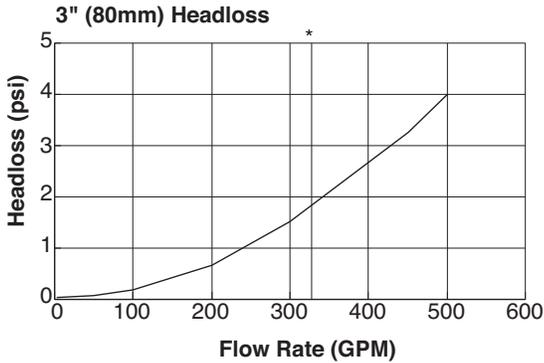
Plate Strainer

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

Mueller SYSTEMS

Plate Strainer

Performance



NOTE: Performance curves are typical only and NOT a guarantee of performance.

Description	3" Model	4" Model	6" Model	8" Model	10" Model
Epoxy Coated	54930	55930	56930	57930	58830

Note: Individual parts are not available.

*Complete Assembly

UL Strainer

For Turbine Meters
Sizes 4", 6", 8", 10"

Mueller SYSTEMS

UL Strainer

Features

APPLICATIONS: For use on approved meters used on fire service connections to public water supplies, or similar one-directional, high-flow applications.

CONFORMANCE TO STANDARDS: UL listed for fire line application.

CONSTRUCTION: Durable painted cast iron case and cover with a stainless steel strainer. Epoxy coating optional.

OPERATION: Installed upstream of the meter, and includes drain plugs for periodic flushing. The stainless steel screen has more than four times the equivalent open area of the inlet pipe, which helps minimize head loss at high flow rates.

MAINTENANCE: Designed for easy access and in-line servicing of strainer element.

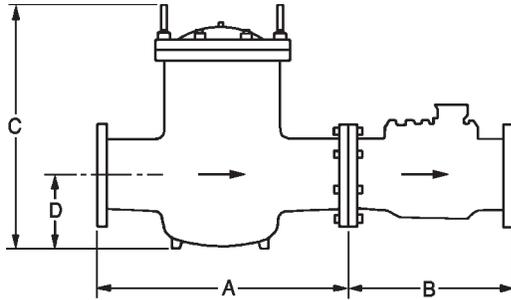
CONNECTIONS: End flanges are ANSI class 125 standard.



Materials and Specifications

SIZES	4", 6", 8", 10"
MAXIMUM WORKING PRESSURE	175 PSI
TEMPERATURE RANGE	33F to 130F
STANDARDS	UL Listed
CASE	Cast Iron
COVER	Cast Iron
STRAINER	Stainless Steel
BOLTS	Stainless Steel
END FLANGES	ANSI class 125 standard

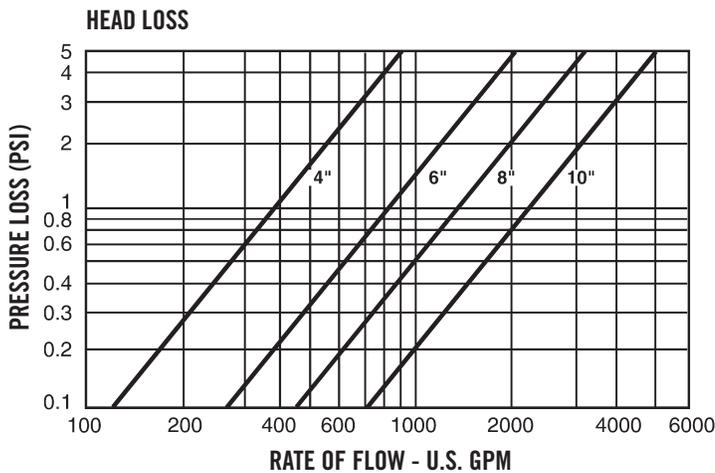
Dimensions and Weights



Dimension				
A	21-1/16"	26-7/8"	31-5/16"	35-3/4"
B	14"	18"	20"	24"
C	18-3/8"	22-3/4"	30"	33-9/16"
D	7-1/4"	8"	10"	12"
Net weight	231	369	639	930

NOTE: Performance curves are typical only and NOT a guarantee of performance.

Performance



NOTE: Performance curves are typical only and NOT a guarantee of performance.

Description	4" Model	6" Model	8" Model	10" Model
Black Paint*	55939	56939	57939	58839
Epoxy Coated	55939E	56939E	57939E	58839E

Note: Individual parts are not available.

*Complete Assembly