

# STRAINERS

## LEAD-FREE BRONZE

2" TO 6"



### INSURANCE FOR YOUR C&I METER INVESTMENT

For many water utilities, commercial and industrial (C&I) meters are responsible for the majority of revenues. Though few in total installed quantity, more than any other meter they endure the harsh rigors of wide ranging high flow rates, less-than-perfect pipe configurations, and incessant use. It's an investment that must be protected for both short performance and long term revenue assurance.

Strainers are recommended by the AWWA for all turbine and compound meter services 2" and above to screen debris from the line that could cause damage to the measuring element. Debris may be caused by scaling that develops over time and eventually breaks free. Pipe repairs, meter replacements and other field maintenance create opportunities for rocks and potentially damaging debris to enter the line that eventually can reach your sensitive measuring element — the part responsible for revenue generation.

The AWWA recommends a minimum of 10 straight pipe diameters upstream and downstream prior to the meter for C&I applications where a strainer is not in service. However, by using a strainer these distances are reduced by half, making installation in tight spaces dramatically easier. Irregular piping with inadequate upstream straight pipe length or nearby valves, create an environment with significant flow turbulence that overtime impacts the turbine rotor life and performance accuracy. Flow conditioning gained by consistent usage of strainers reduces long term wear and improves overall meter performance.

### FEATURES & BENEFITS:

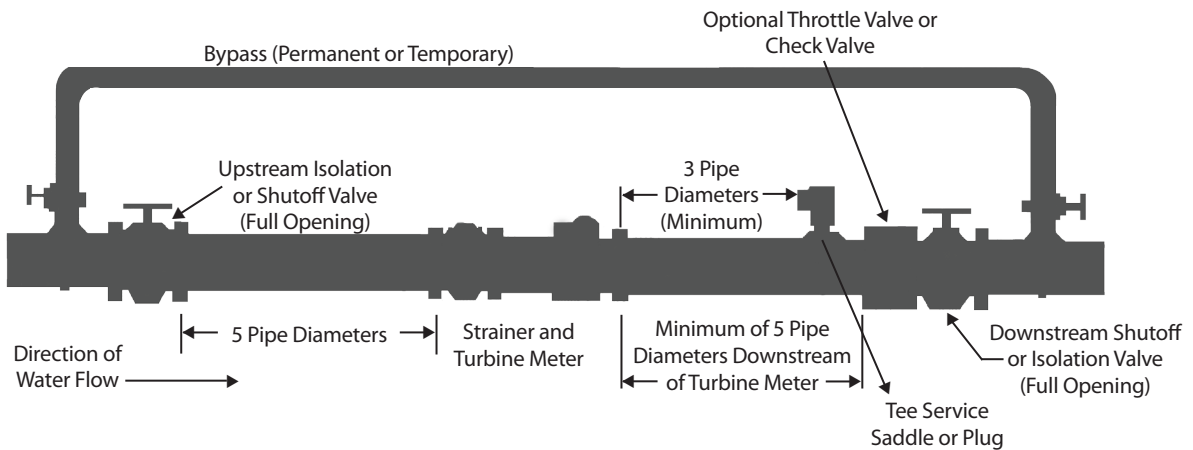
- \* Safeguards against loss of warranty coverage from damage due to harsh conditions
- \* Life Extension for your commercial and industrial meters
- \* Tough and rugged AWWA lead-free bronze construction for peace-of-mind performance
- \* Meter performance improvement with bottom-line results from laminar flow conditioning
- \* Creates greater flexibility in tough installation environments
- \* Simplifies preventative maintenance activities



## STRAINERS - LEAD-FREE BRONZE 2" - 6"

METER OPERATING CHARACTERISTIC/DIMENSION	2"	3"	4"	6"
Length, without gaskets	7"	6"	7.5"	9"
Height	5.2"	7.4"	8.8"	10.8"
Height, bottom to center line	2"	3.5"	4.3"	5.5"
Weight (lbs.)	11	25	38	64
Body Material	Lead-Free Bronze	Lead-Free Bronze	Lead-Free Bronze	Lead-Free Bronze
Flanges	Elliptical	Round	Round	Round
Bolt Holes	2	4	8	8

\* Call to verify exact length prior to order



Also available in 8", 10" & 12" Epoxy Coated Steel. Please contact Master Meter for more information.

**Master Meter, Inc.** Because Everyone is a Water Manager™  
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