

AVOID WATER HAZARDS

Eaton's Automated Self-Cleaning Strainers

- Protect sprinkler nozzles from becoming clogged by dirt and debris in the irrigation system
- Trim man-hour maintenance expenses
- Improve sprinkler efficiency—even during low-water conditions
- Reduce repair and equipment replacement costs
- Maintain beautiful fairways, greens and landscaped areas
- Continuous straining of solids from wells, ponds, lakes, or rivers



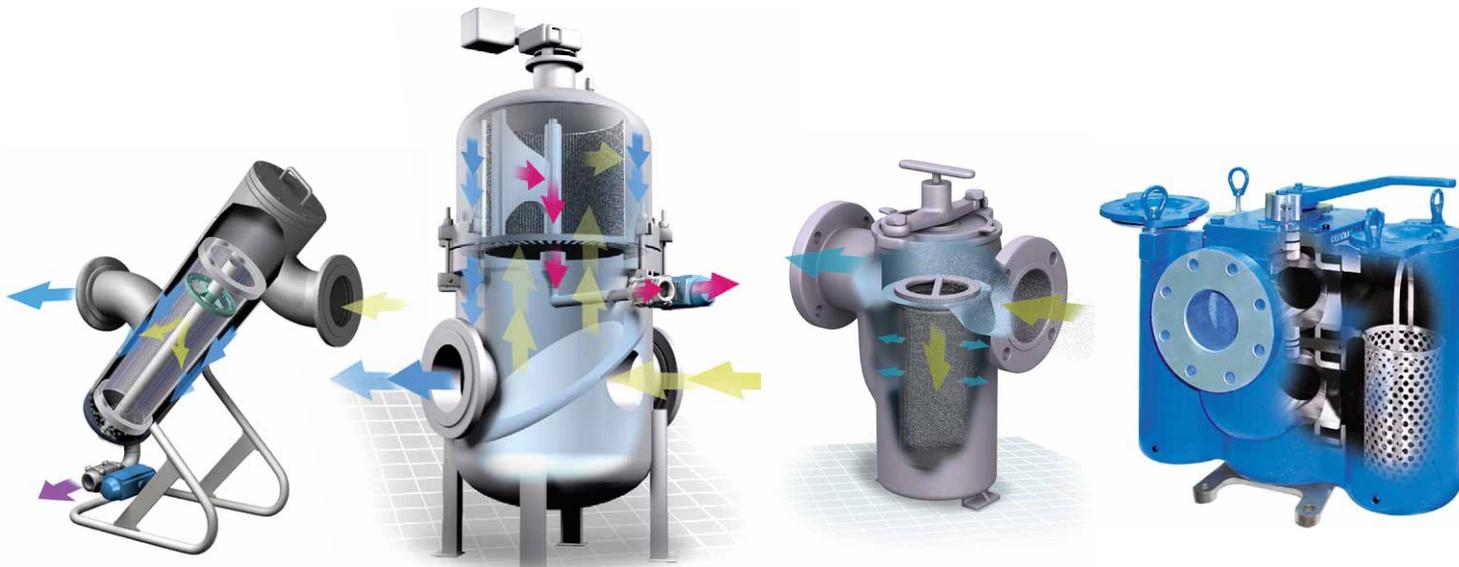
Eaton's Model 2596 Automatic Self-Cleaning Strainers provide continuous operation—even while a portion of the straining element is being backwashed. This unique design assures worry-free protection of your irrigation equipment with almost no maintenance downtime.



The MCS's magnetically coupled cleaning disc keeps the straining screen at optimal efficiency for continuous operation. This technology eliminates the need for dynamic seals, provides quick and easy access for maintenance, reduces potential leaks, and requires few moving parts while providing a long service life.



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The Eaton MCS Mechanically Cleaned Strainer

is a stainless steel housing containing a precision filter screen. Unfiltered liquids enter the inlet; solids are deposited on the interior surface of the filtration screen; and filtered fluid exits at the outlet.

When the media requires cleaning, the magnetically coupled cleaning disc travels down and up, wiping the media clean of concentrated solids. Once the debris is removed, the cleaning disc directs the contaminant to the discharge outlet. This cleaning process happens while the filter remains in service, thereby maintaining process efficiency.

The Eaton Model 2596 Automatic Self-Cleaning Strainer

provides continuous removal of entrained solids from pipeline liquids. Cleaning is accomplished by an automatically controlled backwash arm that rotates around the screen, isolating areas of the screen while allowing the rest of the strainer to operate as normal.

Cenpeller™ technology on many models, directs liquid in a way that makes backwashing more efficient and reduces the need for manual cleanouts.

The 2596 is designed with modular components for easy accessibility and maintenance.

Model 72 Cast Simplex Basket Strainer

features an unusually large capacity with a straining area of about six times the pipe cross section. No tools are needed to open the cover. The quick opening, swinging yoke can be disassembled and the basket removed in seconds. On sizes 4" and larger, a special cover clamp is provided to distribute the seating pressure and the cover. The Model 72 is available in iron, bronze, carbon steel, or stainless steel with flanged or threaded ports. The 72 can also be ordered with a steam jacket or Tefzel® liner.

Eaton's Model 53BTX Duplex Basket Strainer

can operate continuously, eliminating the need to shut down processes for cleaning of strainers. When the first basket is full, a unique flow diverter cartridge shifts flow to a second basket to permit removal and cleaning with no interruption to operations.

The compact, low-profile design fits into spaces ordinary strainers may not, yet it still uses full-size strainer baskets with a low-pressure drop performance. Basket openings from 3/4" down to 45 microns are available.

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Visit us online at eaton.com/filtration for a complete list of Eaton's filtration products

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