

# Industrial water strainers

## RESULTS

- Designed a complete fluid automation solution
- Provided rugged, highly reliable stainless steel valves
- Packaged components in compact enclosure
- Offered direct or remote location mounting



## APPLICATION

Industrial water strainers.

## CHALLENGE

A water filtration equipment manufacturer was designing a strainer system with automated flushing capability. The design called for the strainer to detect differential pressure in the water stream, and upon reaching a designated point, open a valve to flush the system. The customer desired a compact unit with a DP switch and drain valve rugged enough to handle the sand and silt in the water stream.

## SOLUTION

ASCO's™ Integrated Solutions group was the only supplier with the expertise and product portfolio to provide a complete fluid automation solution. The group designed a compact system that included the DP switch, plus an ASCO [320 Series stainless steel solenoid valve](#) that piloted a rugged ASCO [290 Series angle-body stainless steel valve](#). The components were packaged in a compact enclosure that could be mounted either directly to the strainer or in a remote location. This solution enabled the automated flushing system's use in remote facilities where maintenance is not readily available.

*Detecting differential pressure triggering automated flushing, Emerson designed a compact fluid automation solution with rugged, highly-reliable stainless steel valves. Remote monitoring enables use across both staffed and unmanned facilities.*

Emerson Automation Solutions  
160 Park Avenue  
Florham Park, NJ 07932 USA  
+1 800-927-2726  
[ASCO.Info-Valve@Emerson.com](mailto:ASCO.Info-Valve@Emerson.com)

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