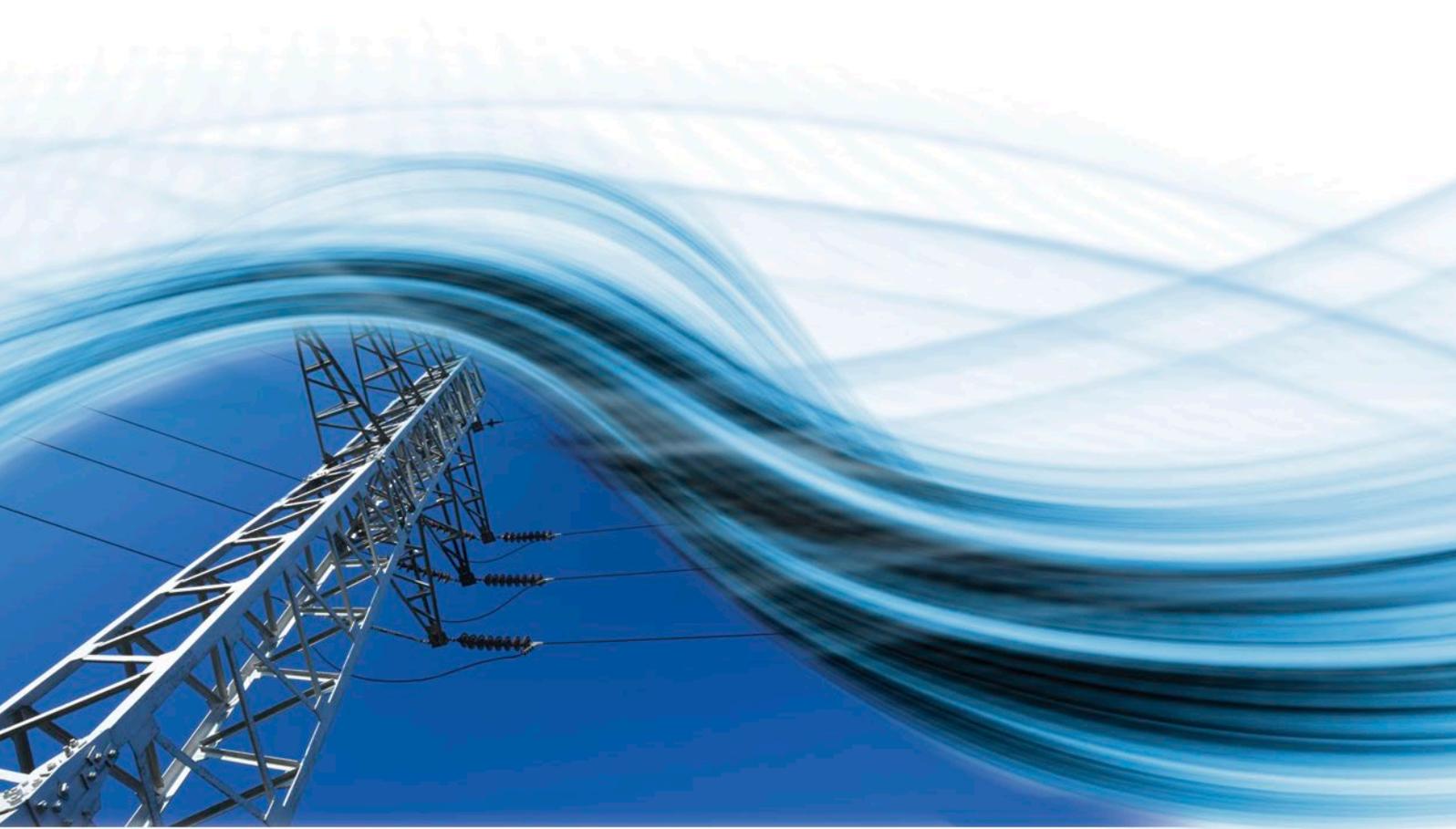


Fluid Automation Solutions for Power Generation



ASCO[™]


EMERSON[™]



ASCO leads the world in fluid automation solutions for power and steam generation. Providing unquestioned reliability, acknowledged application expertise, and unmatched quality, it's the supplier of choice to ensure asset uptime and plant productivity.

Presenting ASCO solutions

Recognised leadership

ASCO solutions control, measure, and treat — with renowned accuracy and reliability — the flows of liquid, steam, and air in process piping. For instance, our products provide the air to operate main on-off valves throughout the power generation process.

Our offerings are the market leaders in their class. Our solenoid valves are found everywhere in the power world — from conveyors in coal mines to cooling towers in penstock water systems to boilers, scrubbers, and sludge disposal systems.

ASCO products function as mission-critical components or in concert with other leading products and systems. Maintenance, plant, and operations engineers as well as architects and engineers apply our solutions for retrofits, plant expansions, and grassroots projects. Our clients include some of the world's largest utilities and engineering firms in the power generation industry.

Superior advantages

ASCO offers the industry's broadest mix of products, backed up by proven features and benefits.

Tested quality. We use top-grade materials, and lead in quality management via initiatives such as ISO 9001:2000, six sigma continuous improvement, and lean manufacturing.

Unparalleled experience. Our engineers, service people, and representatives understand power processing needs. You get reliable solutions for every application.

Fast, responsive worldwide support. Supplement your lean staffing levels with local technical and applications support from our factory-trained global network.

Outstanding benefits

ASCO power industry solutions are designed to deliver unmatched advantages.

Greater asset uptime and higher productivity. Our products are easier to maintain and service, and demonstrate longer service life. So your assets stay available, and your productivity remains high.

Maximum availability. Ready inventories, widespread distribution, and ASCO Today same-day shipment help ensure the best product availability.

Mission-critical functionality. Our products stay up and running, shift after shift, year after year — so your process can do the same.

Lower cost of ownership. ASCO products last longer. And from initial installation through lifelong maintenance, they deliver consistent savings.

Regulatory compliance. Designed for low energy use and high safety, our offerings help you lessen environmental impacts and meet regulatory demands.

Single point of accountability.
One call does it all.





General Purpose Solenoid Valves

We offer the widest range of solenoid valves on the market. Our proven, dependable models are ideal for steam, air, or liquid flows. Throughout the power plant, our solenoid valves provide superior service in areas such as SO₂ scrubbing, turbine lubrication systems, and igniter burner No. 2 fuel lines to name a few.



Air preparation products

Filters, regulators, and lubricators treat air quality and pressure in your plant's pneumatic system. Apply them to control pressure or meet filtration requirements for your pneumatic equipment. These high-performance products are available in multiple configurations, including electronic regulators.



Angle-Body Piston Valves

Our E290 Series is suited to replace ball valves in air, water, and steam applications with pipe sizes 2 1/2" or smaller and up to 10 bar. This compact solution reduces cost of ownership, eliminates water hammer, and creates tight shutoff in both directions. Available with limit switches, AS-interface®, and DeviceNet™ protocols, Class I, Div. 2 HS Series position indicators, and low power solenoids.



Dust Collector Valves

ASCO integral or remote pilot valves are especially designed for dust collector applications, combining high flow, long life, and extremely fast opening and closing to produce reliable and economical operation. Valves with quick mount connections eliminate time consuming thread cutting and sealing.



Systems and solutions

Simply supply your control diagrams and we do the rest. Our designers and engineers will design and build bespoke cabinets and panels to your specifications. This saves you engineering time and resources



Redundant Control System

The ASCO RCS is a redundant pilot valve system that acts as a single 3-way valve. Features include the ability to perform automatic online testing of the redundant solenoid valves, automatic partial stroke testing of the process valve, and online maintenance capabilities. Use this product in high reliability or critical applications. Certified per IEC 61508 Parts 1 and 2 and SIL 3 capable.



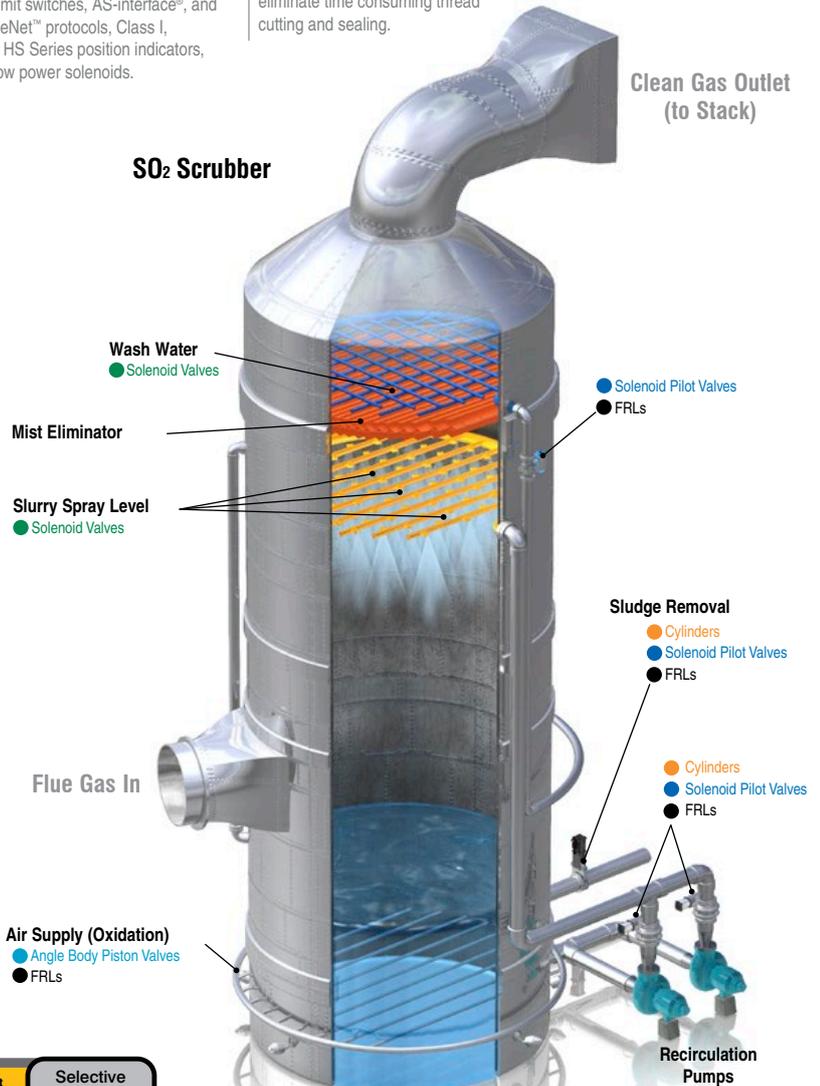
Solenoid Pilot Valves

Designed to operate at high cycles or for long periods of dormancy, these 3 and 4-way models provide ensured action in demanding applications. Features include manual operators, high flows, and explosion-proof options. Plus new 0.55 W models are perfect for networks with low power limitations. Brass and stainless steel versions available.

Cylinders

A large range of high quality ASCO Numatics cylinders that can withstand the harsh environment of power generation systems. Whether you are operating a scrubber, bag house, or damper controls, ASCO Numatics cylinders are used to open and close large orifices in these systems. Available in 17 bore sizes from 1 1/2" to 24".

SO₂ Scrubber



Power Plant Diagram

