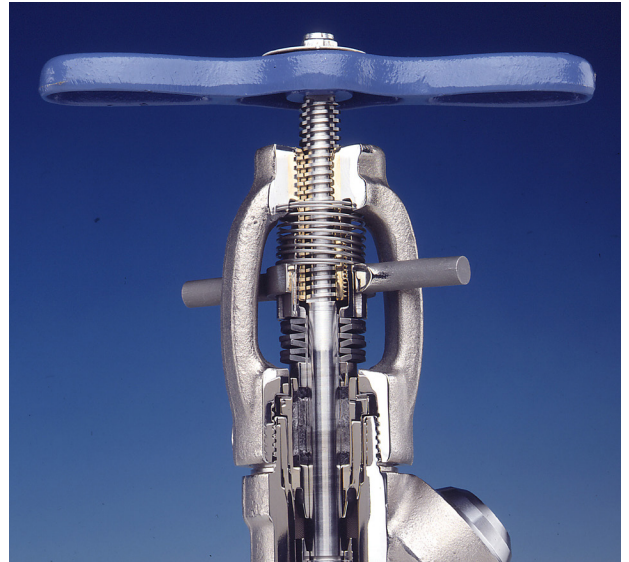


# Conval

Gate, Globe, Check and Ball Valves

**CURTISS -  
WRIGHT**

Nuclear Power Products and Services



## About our Teaming Partner

Conval Incorporated, founded in 1967, designs and manufactures high pressure / high temperature forged steel gate, globe, check, bellows seal and top entry ball valves. Committed to the nuclear power industry, Conval supplies its flow control products in accordance with both its 10-CFR-50 Appendix B program and ASME Section III, Class 1, 2, and 3 N-Stamp. Conval's product line is available in sizes 1/2" to 4" ASME Class 900 to 4500.

Its CLAMPSEAL® globe, bellows seal, and check valves, CLAMPSEAL® Swivldisc gate valves, and CAMSEAL® top entry, metal-seated ball valves have become industry standards in demanding applications requiring tight shut-off and long term performance. In-line serviceability is a key design consideration, and can be simply, effectively performed.

In 2018, Conval moved into a new, state-of-the-art facility in Enfield, CT, further reflecting our commitment to providing industry leading products well into the future.

**Conval** INC.

**Nuclear**  
CWNUCLEAR.COM

# Conval

## Gate, Globe, Check and Ball Valves

The CLAMPSEAL® valve line has over 35 years of service in the most demanding applications. Ingeniously simple, the basic valve is comprised of only nine components. The CLAMPSEAL® valves are available in three standard body styles in high pressure classes. The interchangeability of parts across the entire line allows the plant to be supported with significantly less spare parts.

Conval has steadily expanded its product line to include Angle and T-Pattern Globe valves, Bellows Seal valves, Gate valves, Whisperjets and Quadflow multiple orifice blowdown valves and cryogenic valves.

Through the teaming partnership with Curtiss-Wright Nuclear, Conval will continue its involvement in the nuclear industry while leveraging our nuclear focus and expertise. We share a mutual goal to become the leader in customer satisfaction and service to the industry.

Conval valves are used in numerous nuclear plant systems and applications, including:

- Charging Pump System
- Main Steam Trap
- Containment Sump Level
- Reactor Coolant System
- Control Rod Drives
- Safety Injection System
- Main Feedwater System
- Sampling System
- Main Steam Reheat
- Steam Generator Drains

### Angle, T-Pattern, and Y-Pattern Globe Stop and Stop Check Valves

- Sizes: 1/2" to 4"
- ASME 900 - 4500 lb.

### Angle, T-Pattern, and Y-Pattern Lift Check Valves

- Sizes: 1/2" to 4"
- ASME 900 - 4500 lb.

### Bellows Seal Valves

- Sizes: 1/2" to 4"
- ASME 900 - 4500 lb.
- Multi-ply Inconel static bellows

### Throttling Valves

- Sizes: 1/2" to 4"
- ASME 900 - 4500 lb.

### CAMSEAL® Ball Valves

- Sizes: 1/2" to 4"
- ASME 900 - 4500 lb.
- Self aligning seat / bi-directional sealing/  
top entry

### Swivldisc Gate Valves

- Sizes: 1/2" to 4"
- ASME 900 - 2500 lb.
- Floating disc face
- Pressure seal bonnet

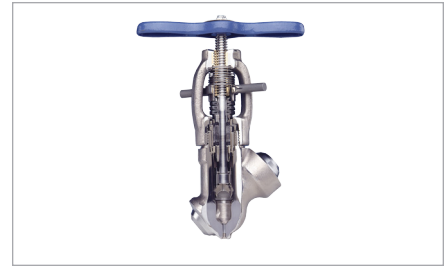
### Whisperjet Valves

- Sizes: 1/2" to 4"
- ASME 600 - 4500 lb.
- Multiple pressure reduction stages

### Actuator Offerings

- Manual
- Electric motor
- Pneumatic
- Conval Autoseal

Curtiss-Wright Nuclear is your authorized sales and services distributor for Conval valve products used in U.S. nuclear power plants.



Y-Pattern Globe Valve



Bellows Seal Valve



Throttling Valve



SWIVLDISC Gate Valve



CAMSEAL Ball Valves

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