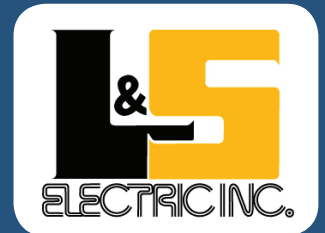


Hydro Governor High Capacity Unloader Valves



Dedicated People, Quality
Products, and Above All, Service.

The L&S Electric High Capacity Unloader Valves include relief valve and check valve functionality for hydroelectric turbine governors.

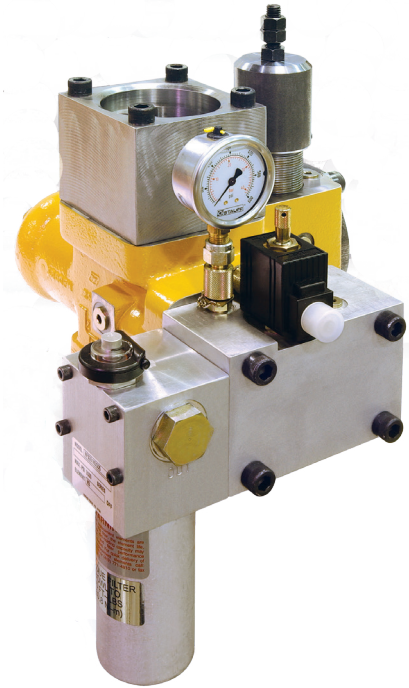
Advantages:

- Standard SAE-type weld flanges, ready to weld into existing piping arrangements
- Pilot valve filter rated for B10 = 200

Features:

All in one unloader, relief, and check valve design field piping and installation costs.

- Unloader Valve
 - Allows governor pumps to start and stop with low backpressures, reducing motor stress
 - Smooth, soft shift operation
 - Fail-safe, solenoid operated, energize to load
- Relief Valve
 - Overpressure adjustable from 200 to 1100 psi
 - No relief valve leakage until valve operates at set point
 - Clean blowing “chatter-free” operation
 - Settable within 7% above normal pump stop pressure, helping to prevent interference with pressure vessel air supply
- Check Valve
 - Spring-seated “O” ring seal for quiet operation
 - Maintenance free design requiring only periodic filter changes



Specifications:

- Flow ratings
 - 280 gpm @ 200 psi (1060 lpm @ 13.8 bar)
 - 400 gpm @ 400 psi (1515 lpm @ 27.6 bar)
 - 400 gpm @ 600 psi (1515 lpm @ 41.4 bar)
 - 400 gpm @ 800 psi (1515 lpm @ 55.2 bar)
 - 400 gpm @ 1000 psi (1515 lpm @ 69.0 bar)
- Pressure range
 - 200 to 1100 psi (14 to 76 bar)

L&S Electric Engineering Division

| | |
|----------------------|----------------------------|
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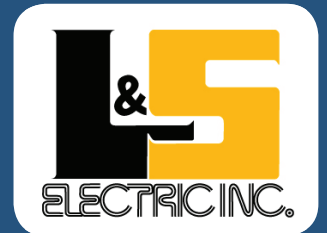
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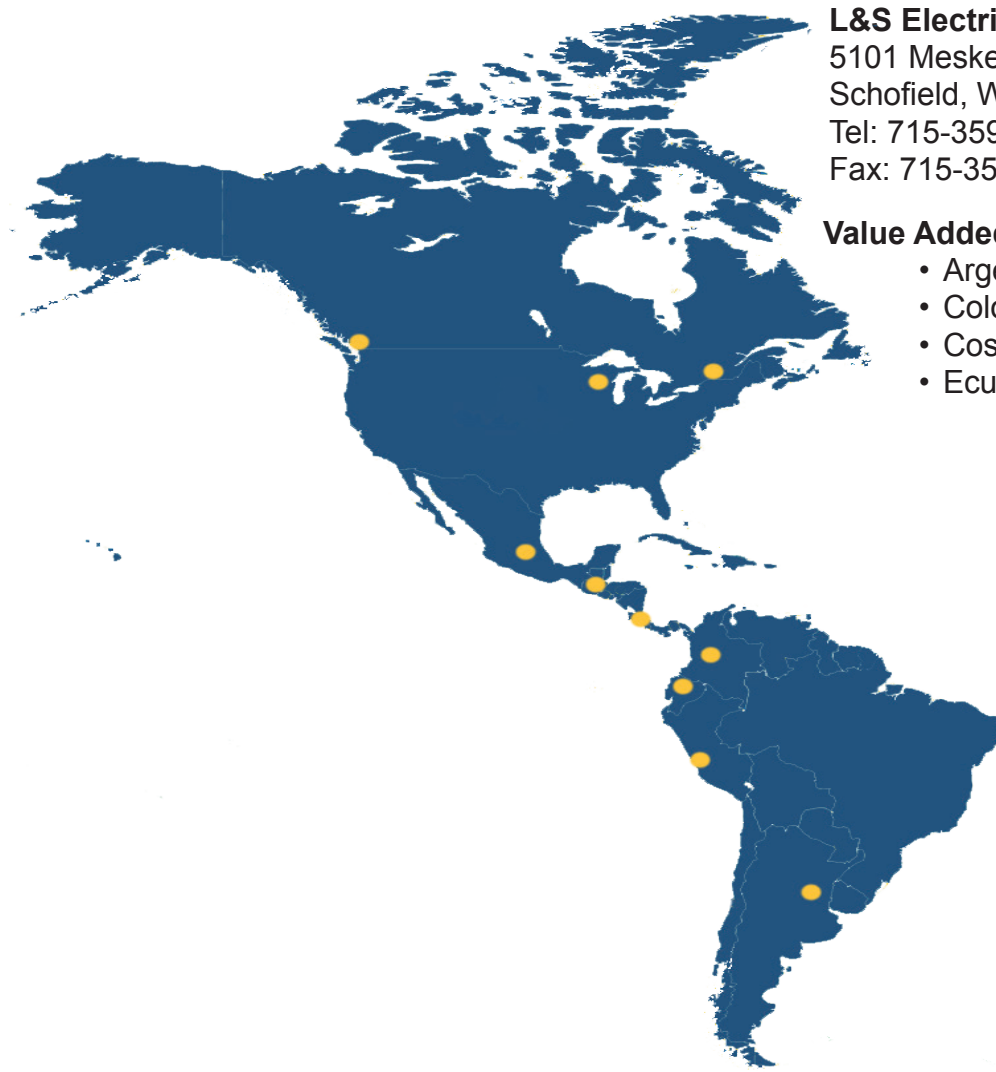
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Locations



*Dedicated People, Quality
Products, and above all, Service*

L&S Electric, Inc. is a worldwide leading supplier of integrated solutions for the hydroelectric industry. We serve clients throughout the United States, Canada, Asia, Europe, Central and South America.



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- Argentina
- Colombia
- Costa Rica
- Ecuador
- Guatemala
- Mexico
- Peru
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