

Valve
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Steam

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Hot Water

Industrial
PVF



**YOUR MOST
VALUABLE PARTNER**

**FOR SPIRAX SARCO
BOILER
CONTROLS**

PipeValves
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Warning: Do not use this literature in place of reading, understanding, and following the manufacturer's spec sheets and operator's manual instructions which are available on their website.



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Level Controls

Benefits & features:

- Significant developments have taken place in recent years improving considerably the standards of safety and reliability of boiler level controls. Probes without moving parts and modern electronic solid state controllers are so reliable that major boiler accidents should be a thing of the past.

Information:

- Products compliant with all relevant European standards & regulations
- Safe working environment for your employees
- Reduce the risk of accident in the boiler house

A level control system consists of a sensor, controller, valve or pump and may be on-off or modulating. It is vital that your boiler water levels be monitored safely and accurately.



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Boiler Blowdown & CCD BCS 3 Blowdown System

Benefits & features:

- By measuring the TDS level in the boiler water, Spirax Sarco has developed boiler blowdown systems that will minimize the amount of blowdown required, reduce carryover of boiler water and provide automatic TDS control. The Spirax Sarco CCD condensate contamination detection system monitors the conductivity of condensate being returned to the boiler. Contaminated condensate is diverted to drain thereby protecting the boiler.

The BCS 3 blowdown system is suitable for shell and water tube boilers and can be linked to energy/building management systems. The BCS 3 can handle boiler pressures up to 465 psig (32 barg). Additional features include:

Information:

- Continuous digital indication of TDS
- 4-20/0-20 mA output
- Self cleaning probe
- High TDS alarm



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Boiler Blowdown & CCD BCS 4 Blowdown System

Benefits & features:

- By measuring the TDS level in the boiler water, Spirax Sarco has developed boiler blowdown systems that will minimize the amount of blowdown required, reduce carryover of boiler water and provide automatic TDS control. The Spirax Sarco CCD condensate contamination detection system monitors the conductivity of condensate being returned to the boiler. Contaminated condensate is diverted to drain thereby protecting the boiler.

The BCS 4 blowdown system is suitable for shell and water tube boilers and can be linked to energy/building management systems. The BCS 4 can handle boiler pressure up to 465 psig (32 barg).

Information:

- Complete system package for easy installation
- Accurate TDS level control minimizes blowdown
- Reduces carryover of boiler water with steam
- Automatic control decreases need for supervision



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Bottom Blowdown

Benefits & features:

- The Spirax Sarco key operated blowdown valve is designed for the manual blowdown of steam boilers to remove precipitated solids from the bottom of the boiler.

Information:












Efficient blowdown (removal of impurities) is essential to maintaining steam quality;

- Systems for precise & regular blowdown of precipitated solids from the bottom of the boiler.
- Key operated manual systems & fully automated systems are available.



Valuable Services

Pipe Valves offers the quality products and the best services to improve your bottom-line performance.

-  Pipe Shop: We cut, bevel, groove, and thread
-  Energy audits, steam trap surveys, live steam lab demonstrations
-  Daily local truck routes, emergency delivery options
-  Phone, counter, email, fax and e-commerce ordering options
-  Express sales counter pickup and tool rental
-  Vendor Managed Inventory options customized to your needs
-  Product specialists and staff engineers assist with problem solving
-  Kitting Services - we can bag and tag to your specifications
-  Bin management, bar code scanning and labeling solutions available
-  PV University Classes, Where Seeing Is Believing: Actuation, Valves, Steam
-  24/7 emergency service available in many areas

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