

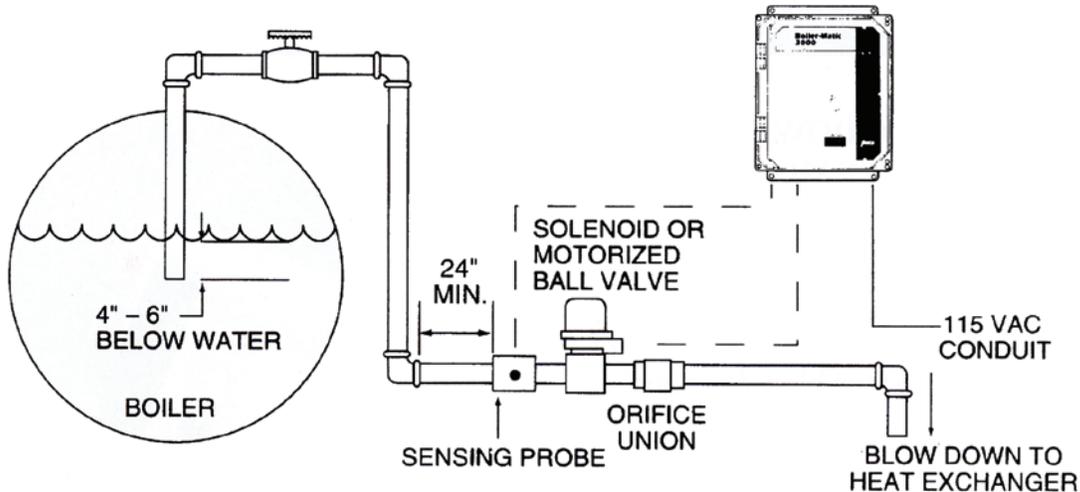
Conductivity Controller

Surface Blowdown Solid State Intermittent Sampling

- Controls boiler total dissolved solids (TDS) using conductivity measurement and automatic surface blowdown via intermittent sampling.
- Adjustable interval timer (1/4 – 3 hours) periodically opens an electric valve to sample boiler water conductivity.
- If the sample is below the micromhos set point on the potentiometer, blowdown is not required and the valve will close. If the sample is above the micromhos set point on the potentiometer, blowdown is required, and the valve will remain open.
- Adjustable sample duration timer (10 – 12 minutes) again samples to determine if sample is below the micromhos set point on the potentiometer to permit the valve to close.
- Complete system includes: enclosure, potentiometer, two timers and LED lights.
- Valve assemblies purchased separately include: solenoid or motor-operated factory-piped valve with probe, tee assembly and orifice kit.
- 120 VAC, 50/60 HZ, 15 amp.
- Solid state electronics.
- NEMA 4X enclosure.



Conductivity Controller SURFACE BLOWDOWN SOLID STATE INTERMITTENT SAMPLING



Conductivity Range	0 – 7,000 Microsiemens/cm
Sample Timers	Interval: 15 Minutes to 3 Hours Duration: 30 Seconds to 10 Minutes
Display	LED Indicators: Power, Blowdown and Conductivity Calibration
Accuracy	+/- 400 Microsiemens
Drift	Less than 0.25% Per Month
Input Power	115 VAC, 50/60 HZ, 10 Amps
Output/Control	115 VAC, 50/60 HZ, 10 Amps—Maximum Combined Load / Pre-wired for 2 or 4 Wire Blowdown Valve
Environment	Ambient Temperature: 40°F to 140°F (4°C to 60°C) Humidity: 1 – 100% R.H. Non-Condensing
Enclosure	Nema 4X Weatherproof. See Through Door with Padlockable Hasp. (3) 7/8" Diameter Holes Provided for 1/2" Conduit Connections: Blowdown Valve, AC Power, Probe and Optional Electrical Device.
Dimensions	H. 10" x W. 8" x D. 4" (25 x 20 x 10 cm.)
Net Weight	5.89 Lbs. (2.67 Kgs.) / 7.43 Lbs. (3.48 Kgs.)—With Flow Through Plumbing Assembly

NOTE: Specifications subject to change without prior notice.



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