

ACCESSORIES FOR BOILER WATER CONTROLLERS

Walchem offers a variety of products you need to complete the installation of your boiler blowdown controllers. For less demanding installations, the solenoid valves and orifice unions may be used. For greater flexibility and reliability, the motorized ball valves and flow control needle valves are employed.

Flow Control Valves

Our flow control four-V port globe valves are equipped with a micrometer dial and pointer which enables the valve to set within 1/100th of a turn of the handwheel. This allows you to fine tune the blowdown flow rate. In the event that the valve becomes clogged, it may be opened to allow the debris to pass, and then returned to the original position.

	190831	190832	190833	190834
Pipe Size	3/4"	3/4"	1/2"	1/2"
Pressure	150 psi	300 psi	150 psi	300 psi
Temperature	358° F WSP	550° F WSP	358° F WSP	550° F WSP
Key Dimensions	3" x 5-7/16"	3- 9/16" x 6-19/32"	2- 5/8" x 4-11/16"	2 -7/8" x 5-9/16"
Materials of construction	Bronze, silicon brass, stainless steel			



Motorized Ball Valves

The motorized ball valves deliver a torque of 150 in-lbs, using a non-reversing motor, opening the valve in 5 seconds, minimizing pressure hammer. The motor is protected in a NEMA 4X enclosure, and features an integral thermal overload protector with automatic reset. Repair kits are available as well.

	102448	102449	102450		
Pipe Size	1/2"	3/4"	1"	Fluid Temp.	400 ° F
Voltage	120 VAC	---	---	Max. Pressure	250 psi
Current at Startup	2.3 amps	---	---	Wetted Materials	Carbon steel, Polyfill, TFE-coated 316 SS
Ambient Temperature	0 to 150°F			Key Dimensions	6.5" x 5.9" x 8"



Orifice Unions

The orifice unions offer back pressure and flow control, limited by the available orifice sizes. Each union is supplied with four plates.

	102224	102225	102226		
Pipe Size	1/2"	3/4"	1"	Materials	Forged Steel
Orifice Sizes	1/8", 3/16", 1/4", 5/16"			Pressure	3000 psi maximum



Solenoid Valves

These valves open when the coil is energized, and close when de-energized. When the coil is energized, the pilot valve opens, relieving the pressure above the piston, which is lifted from its seat by the laminar plunger. When de-energized, a spring closes the pilot valve and opens a bleed passageway to permit pressure to build above the piston and seat it. No differential pressure is required to open the valve.

	102219	102220	102571	102572
Pipe Size	1/2"	3/4"	1/2"	3/4"
Pressure	100-300 psi		0-100 psi	
Inrush Current	2.4 amps	3.9 amps	1.2 amps	1.3 amps
Dimensions	8" x 3.25" x 3.5"	8.125" x 3.5" x 3.5"	7" x 3.25" x 2.875"	7.125" x 3.5" x 2.875"
Max. Fluid Temp.	400° F			
Wetted Materials	Cast Bronze, Stainless Steel, Inconel, Glass Filled Teflon, Non asbestos gasket			
Power	115 VAC 60 Hz			





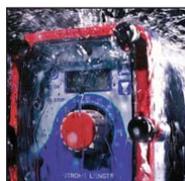
WebmasterONE®

WebMasterONE® is the most powerful online cooling tower/boiler controllers in the water treatment industry. WebMasterONE® couples a multi-I/O platform with Walchem's analytical sensors and extensive communications technologies. The result is the ability to remotely monitor and control your process from any computer, anywhere in the world, with just a standard web browser.



WIND WebMaster Industrial Water Controllers

Walchem's WebMaster® Industrial (WIND) Controller sets a new standard for Industrial Water Treatment Controllers. WIND has a flexible multi-I/O platform, a wide range of analytical sensor measurement capabilities, and an extensive assortment of integrated communications and data handling features.



Metering Pumps

Walchem and Iwaki combined their talents to design the most innovative and comprehensive metering pump product line in the world. With over 50 years of combined pump experience, in an array of different markets, the Iwaki-Walchem partnership leverages our strengths to exceed even our toughest customer expectations. Committed to new product development, our pumps are innovative and revolutionary.



WebAlert Remote Monitor

Walchem's WebAlert is the first stand alone remote monitoring device that can web enable your installed equipment without having to replace or upgrade it.

ABOUT US

Walchem integrates its advanced sensing, instrumentation, fluid pumping and communications technologies to deliver reliable and innovative solutions to the global water treatment market

Our in-house engineering is driven by quality, technology and innovation. For more information on the entire Walchem product line, visit: www.walchem.com



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