

# MODEL 1575e BOILER BLOWDOWN CONTROLLER



The Model 1575e uses the latest in microprocessor capability, giving the user a high level of application flexibility. A large illuminated graphics screen, multiple inputs, and very easy setup characterize this new technology. The Model 1575e is UL/CSA/CE approved.

## FEATURES

Use this Controller for Boilers, and Condensate systems.

Removable power cord and receptacles for simple conduit installations.

Two (2) water meter inputs, two (2) drum switch inputs, conductivity input, flow switch input, 4-20 mA output, and remote conductivity input via 4-20 mA are all standard features.

Ball valve delay feature allows accurate control of motorized ball valves.

Heavy-duty stainless steel domed numeric keypad and illuminated graphical display allow for quick and easy programming.

Steel domed switches improve the tactile sensing and life expectancy of the keypad.

LED indicators for power, alarm and relay status.

## BENEFITS

Easy to program, the Model 1575e Controller menu is just like the Lakewood 2000 Series controllers.

Controller can be removed from boiler service and used as a condensate monitor (using a condensate probe) or be placed in a cooling tower application by changing the high temperature probe to a cooling tower probe.

Single circuit board design improves reliability. No add-on options.

4-20 mA output is standard.

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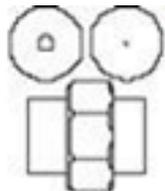
# MODEL 1575e BOILER BLOWDOWN CONTROLLER

## SPECIFICATIONS

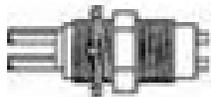
Conductivity range	500-8000 $\mu$ S for boilers; 10-100 $\mu$ S for condensate
Conductivity sensor	2 electrode
Conductivity Resolution	$\pm 10 \mu$ S (conductivity <5000 $\mu$ S) $\pm 100 \mu$ S (conductivity > 5000 $\mu$ S)
Temperature comp.	Automatic
Accuracy & repeatability	$\pm 1.0\%$
Deadband/Setpoint	Programmable
Auto/Manual outputs	Menu selectable
Keypad	16 tactile push-buttons
Display	illuminated 128x64 pixel LCD
Drum Switch Inputs	2 digital contact inputs
Water meter inputs (2)	Contact head, paddle wheel or turbine
Timers	Max. blowdown time exceeded and relay run time exceeded
Output Signal	One 4 - 20 mA, isolated or non-isolated optionally powered output for conductivity
Input Signal	One 4-20 mA, non-isolated internally powered input for conductivity
Output relays	4, 3 selectable use, 1 blowdown
Relay ratings	3A each, 10A total
Power	120/240 VAC 50/60 Hz
Ambient	32° - 120°F (0 - 49°C)
Enclosure	NEMA 4X

## Boiler Control Accessories

1168374	SR2 Boiler water sensor with 20 ft cable and elbow. $\frac{1}{2}$ NPT connection.
BT-015300	Orifice Plate, $\frac{1}{2}$ in NPT, 1/16 -inch opening
1166686	MBV1 $\frac{1}{2}$ in NPT Motorized ball valve.



Orifice Union



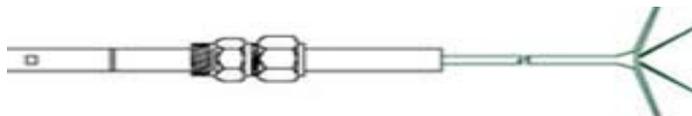
SR2 Boiler Probe



MBV1 Motorized Valve

## Condensate Monitor Accessories

1104591	540K.1-4-10I-10-TC500	Condensate sensor with $\frac{1}{2}$ in NPT inline fitting. 0-100 $\mu$ S.	
1168617	540K. 1-4-1 0R-18-TC500	Condensate sensor with 1.0 in NPT retractable inline fitting. 0-100 $\mu$ S.	
1104592		540K.01-4-10I-10-TC500	Condensate sensor with $\frac{1}{2}$ in NPT inline fitting.
0-10 $\mu$ S.			
1169642	540K.01-4-10R-18-TC500	Condensate sensor with 1.0 in NPT retractable inline fitting. 0-10 $\mu$ S.	



Conductivity Probe

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