



Wrench Flats

Easy leak-free installations. Quickly installs in any system.

Patented Self-Cleaning Probe

Minimizes scale build-up and extends recommended cleaning intervals to every 5 years instead of annually.

Brass Threads

Metal-to-metal seal ensures a leak-free installation.

Tri-Function Button

In-field configuration, test and reset functions.

LED Indicator

Red LED - low water condition
Green LED - power on (auto)
Yellow LED - power on (manual)



McDonnell & Miller boilerwize™

Universal Field Configurable Low Water Cut Off (LWCO)
For Steam or Hot Water Boilers

boilerwize™ LWCO for Steam or Hot Water Boilers

boilerwize™ is a field configurable low water cut-off (LWCO) that can be used as 24V, 120V, auto or manual for steam and hot water boilers. The boilerwize's probe type LWCO uses patented technology to provide protection against low water conditions, and it can be used as a primary or secondary device for residential, commercial and industrial applications.

How it works:

The FPC-1000 (boilerwize) probe type LWCO uses patented technology to monitor changes in water conductivity. When defined parameters are exceeded, the FPC-1000 (boilerwize) makes a decision to turn off the burner based on the volatility/variability of the resistance readings. This patented technology provides the best protection possible without turning off the burner unless low water condition exists. As an added measure of safety, the control will turn off the burner if it recognizes an out-of-water condition when the sensitivity threshold is exceeded.

Featured Benefits:

- **First Field Configurable Control** - easily configure boilerwize for 24V, 120V, auto or manual control for steam or hot water boilers. Easy replacement for ALL electronic LWCO on the market.
- **Self-Cleaning Probe** - proprietary feature on probe type minimizes scale build-up and extends recommended cleaning intervals to every 5 years instead of annually.
- **Tri-Function Button** is a standard offering and allows:
 1. **Push-to-Test** - quickly and easily test the control to make sure it's operating properly without draining boiler.
 2. **Manual Reset** - when control is configured as Manual Reset.
 3. **Configuration** - easily select the desired configuration.
- **Condition Indicator** - multifunction LEDs indicate when a unit is powered on at auto mode (green), manual mode (yellow), and when a low water condition is detected (red) for easy visual confirmation of system status.
- **Easy, Leak-Free Installation** - the metal-to-metal seal provided by the brass threads ensures leak-free installations. Wrench flats and easy access wiring simplify installation for any hydronic system.

Ordering Information:

Model Number	Part Number	Description	Weight lbs. (kg)
FPC-1000*	144704	LWCO - without Probe	2.5 (1.1)
FPC-1000-P	144705	LWCO - with Standard Probe ('P')	2.5 (1.1)
FPC-1000-U	144706	LWCO - with Extended Barrel Probe ('U')	2.5 (1.1)
FPC-1000-SP	144707	LWCO - with Short Probe ('SP')	2.5 (1.1)
FPC-1000-RX2	144708	LWCO - with RX2 Probe	2.5 (1.1)

*Remote sensor must be ordered separately.



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Learn more about our full line of Low Water Cut-Off Products

