



McDonnell & Miller
FPC-1000
Series
Boilers
Control



McDonnell and Miller FPC-1000 Series Boilers Control Owner’s Manual

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McDonnell and Miller FPC-1000 Series Boilers Control



Specifications

- **Maximum Steam Pressure:** 15 psi (1.0 kg/cm²)
- **Maximum Water Pressure:** 160 psi (11.2 kg/cm²)
- **Maximum Water Temperature:** 250°F (121°C)
- **Probe Sensitivity:** 20,000 ohms (hot water) and 7,500 ohms (steam)

Standard Features

- Power on LED, green (Auto)/yellow (Manual)
- Red LED indicating low water condition
- Test/Reset/Configuration button
- Self-cleaning probe
- No lockout with loss of power if the probe is in water
- Optional feature – Bluetooth® connectivity allows customers to connect to mobile devices.

Electrical Ratings

Model	Voltage	Switch Rating (Amperes)		Pilot Duty
		Full Load	Locked Rotor	
24 VAC	24 VAC	—	—	50 VA at 24 VAC
120 VAC	120 VAC	7.5	43.2	125 VA at 120 VAC 50 or 60 Hz

Ordering Information

Model Number	Part Number	Description	Weight lbs. (kg)
FPC-1000	144704	LWCO - w/o probe	2.5 (1.1)
FPC-1000-P	144705	LWCO - w/standard probe ('P')	2.5 (1.1)
FPC-1000-U	144706	LWCO - w/ext.barrel probe ('U')	2.5 (1.1)
FPC-1000-SP	144707	LWCO - w/short probe ('SP')	2.5 (1.1)
FPC-1000-RX2	144708	LWCO - w/RX2 probe	2.5 (1.1)
FPCe-1000-P	144709	LWCO - standard probe ('P') with bluetooth	2.5 (1.1)

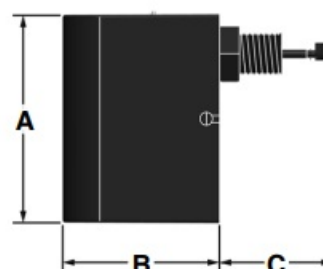
Dimensions

in. (mm)

A	B	C
5 ³ / ₁₀ (133)	4 (101)	2 ⁹ / ₁₀ (73)



FPC-1000/FPCe-1000



Control Unit

Temperature Ratings:

- **Temperature:**
 - **Storage:** -40°F to 120°F (-40°C to 49°C)
 - **Ambient:** 32°F to 120°F (0°C to 49°C)
- **Humidity:** 85% (non-condensing)
- **Electrical Enclosure Rating:** NEMA 1 General Purpose
- **Hz:** 50/60
- **Control Power Consumption:**
 - 1.7 VA at 24 VAC
 - 3.6 VA at 120 VAC

FAQs

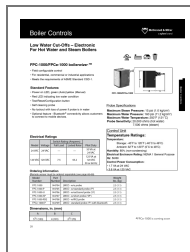
Q: Can the FPC-1000/FPCe-1000 boilerwise^TM be used with different types of boilers?

A: The FPC-1000/FPCe-1000 is compatible with a range of boiler types, but ensure compatibility with your specific boiler model before installation.

Q: How do I connect the FPC-1000/FPCe-1000 to my mobile device?

A: To connect to your mobile device, download the compatible app from the app store, follow the app's instructions for pairing, and establish a connection via Bluetooth or Wi-Fi.

Documents / Resources



[McDonnell and Miller FPC-1000 Series Boilers Control](#) [pdf] Owner's Manual
144704, 144705, 144706, 144707, 144708, 144709, FPC-1000 Series Boilers Control, FPC-1000 Series, Boilers Control, Control

References

- [User Manual](#)

[Manuals+](#), [Privacy Policy](#)

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