

Temperature Controller

This temperature controller is designed for temperature or pressure regulation in boilers. It can be used independently or as part of a larger combustion control system to optimize burner modulation.



Product Overview

Industrial Temperature and Pressure Control

The RWF50/55 series is engineered for precise regulation of temperature or pressure in boiler applications. These units are designed to optimize modulating burners, serving as either an independent controller or an integrated component of a broader combustion control system. Featuring a robust enclosure and user-friendly interface, it provides reliable performance in demanding industrial environments.

Electrical Specifications

Auxiliary DC Power Output

24 VDC

Voltage

30 mA

Current

Input Voltage	110-240 VAC (+10/-15%), 48-63 Hz
Power Consumption	20 VA

Performance and I/O

Analog Output Types

- 0-10 VDC
- 0-20 mA
- 4-20 mA

Modbus RTU Configuration

Feature	Specification
Baud Rate	4800, 9600, 19200, 38400
Addressing	1-254

Output Relay Contact Rating	24-240 VAC, 2 A max
-----------------------------	---------------------

Environmental and Physical

Operating Temperature Range	-20 to 50 °C (-4 to 122 °F)
Enclosure Rating	IP66 (keypad display), humidity <95% non-condensing
Form Factor	1/8 DIN, 122 mm mounting depth

General Information

Approvals	UL, CSA, CE
Data Storage	Non-volatile EEPROM