

**White-Rodgers™**

# 70 Series® Thermostats

## Single Stage

5+2 Day Programmable and Non-Programmable  
Battery Powered



### 1F78-151

5+2 Day Programmable

### 1F78-144

Non-Programmable



1F78-151

## The Programmable Thermostat That Expands Your Business and Shrinks Your Inventory.

With the White-Rodgers 70 Series thermostat, your customers can economically upgrade from mechanical thermostats to electronic accuracy and energy savings. And it's battery powered, making it easy to install and compatible with most HVAC systems.

The 70 Series is perfect for customers who want a quick and easy electronic upgrade. Plus, its versatility means less inventory for you.

**White-Rodgers™**

  
**EMERSON™**  
Climate Technologies

White-Rodgers

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## Programming

Choice of 5+2 day programming (week/weekend) or non-programmable  
4 time and 4 temperature settings per program for heating and cooling (1F78-151)  
Energy savings up to 30%

## Display

Easy-to-read thermostat display  
Lighted display for easier low-light viewing

## Performance

B&O terminals  
Meets California Building Code, Title 24 Non-PCT (1F78-151)  
Millivolt compatible  
Battery-powered thermostat for maximum compatibility (2 "AAA" Energizer<sup>®</sup> batteries included)  
Maintains room temperature differential within +/- 1 degree

## Comfort & Convenience

Electronic temperature accuracy  
Adjustable room temperature calibration



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## Terminal Designations\*



\*See installation instructions or [www.white-rodgers.com](http://www.white-rodgers.com) for terminal descriptions

Single Stage	Multi-Stage	Heat Pump	Programs		Model	Applications				Terminals
Stages Heat/Cool by System	Program Options (Days)	Program Periods Per Day Options	Model Number	Display Size (Square Inches)	Gas/Oil/Electric	3 Wire Zone Value	Millivolt Compatible	Power Source*		
1/1	1/1	5+2	4	1F78-151 1E78-151 Vertical	1.2	✓	✓	B	RC, RH, W, Y, O, B, G	
1/1	1/1	∅	∅	1F78-144 1E78-144 Vertical	1.2	✓	✓	B	RC, RH, W, Y, O, B, G	
1/∅		∅	∅	1E78-140 Vertical Heat Only	1.2	✓	✓	B	RH, W	

\*B = Battery Powered

## Thermal Specifications

Setpoint Temperature Range:  
45° to 90°F (7° to 32°C)  
Rated Differential:  
0.6° to 1.9°F with adjustable anticipation  
Operating Ambient Temperature:  
32° to 105°F (0° to 40°C)  
Operating Humidity Range:  
90% non-condensing maximum  
Shipping Temperature Range:  
-4° to 150°F (-20° to 65°C)

## Electrical Specifications

Rating  
0 to 30 VAC, 50/60 Hz or DC  
0.05 to 1.0 Amp maximum load (all terminals combined)  
Standard Systems  
Single Stage gas, oil, electric  
Single Stage heat pump  
Millivolt Systems

## Dimensions

5.1"W x 3.75"H x 1.1"D

## Accessories

Wall Plates  
F61-2510 with 2" x 4" junction box adaptor (6.5"W x 4.5"H)  
F61-2550 (6.5"W x 4.5"H)  
Thermostat Guard  
F29-0231  
(For additional guard options, refer to White-Rodgers catalog.)

## For Additional Information

Visit [www.white-rodgers.com](http://www.white-rodgers.com)

White-Rodgers<sup>™</sup>

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[www.white-rodgers.com](http://www.white-rodgers.com)  
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