

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

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® batteries included)
Maintains room temperature differential within +/- 1 degree

Comfort & Convenience

Electronic temperature accuracy
Adjustable room temperature calibration



1F78-151
5+2 Day Programmable



1F78-144
Non-Programmable

Terminal Designations*



*See installation instructions or www.white-roddgers.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-roddgers.com