

Single Stage

Digital 7 Day, 5/2 Day
Programmable and
Non-Programmable
Battery

White-Rodgers

70 Series®



Non-Programmable

The Digital Thermostat That Expands Your Business and Shrinks Your Inventory.

With a single 70 Series thermostat, your customers can economically upgrade to digital accuracy and energy savings...without any decorating touch-ups. Its new low-profile design covers the footprint of the four most common mechanical thermostats used today. So there's no wall re-painting and no wallplates required. And it's battery powered, making it easy to install and compatible with most heating/cooling systems. The 70 Series is perfect for customers who want a quick and easy digital upgrade. Plus its versatility means less inventory for you.

Programming

Choice of 5/2 day programming
(weekday/weekend), 7 day or
non-programmable

4 time and 4 temperature settings per program
for heating and cooling (1F78-151)

Energy savings up to 33%

Display

Large, easy-to-read thermostat display

New — Lighted display for easier
low-light viewing

Comfort & Convenience

Electronic temperature accuracy

Adjustable room temperature calibration

Performance

B & O terminals

Meets California Building Code, Title 24
(1F78-151)

Millivolt compatible

Battery-powered thermostat for maximum
compatibility (2 "AAA" Energizer® batteries
included)

Maintains room temperature differential
within +/- 1 degree



1F78-151

Single Stage
2 Programs

1F78-144

Single Stage
Non-Programmable

White
Rodgers™

EMERSON
Climate Technologies

Single Stage

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Mechanical Footprint Comparison Legend

		Height	Width	Depth
—————	White-Rodgers 1F78 Series Digital Thermostat	3 3/4"	5 1/8"	1 1/8"
.....	Robertshaw 400 Series	3 5/8"	3 1/4"	1 1/4"
-----	Honeywell T87F w/subbase	3 3/4"	3 3/4"	1 3/4"
.....	White-Rodgers 1F56	3 1/4"	4 1/2"	1 5/8"
.....	Honeywell T8034	2 7/8"	4 3/4"	1 5/16"

Economy Digital Thermostat Feature Comparison

Feature	Model			
	White-Rodgers 1F78-151	Robertshaw 9600	Lux PSP511	CTC 43103
Large, Easy-to-Read LCD	X			X
Lighted Display	X			
Easy to Program	X			
Best in Class Accuracy	X			
Millivolt Compatible	X	X	X	X
Single Stage Heat Pump (B&O Terminals)	X		X	X
True 5/2 Day Programming	X		X	X
Soft-Touch Buttons	X			X

Terminal Designations



Dimensions

5.1"W x 3.75"H x 1.1"D

Electrical Specifications

Rating

0 to 30 VAC, 50/60 Hz or DC

0.05 to 1.0 Amp (load per terminal)

1.5 Amps maximum load (all terminals combined)

Standard Systems

Single stage gas, oil, electric

Single stage heat pump

Millivolt compatible

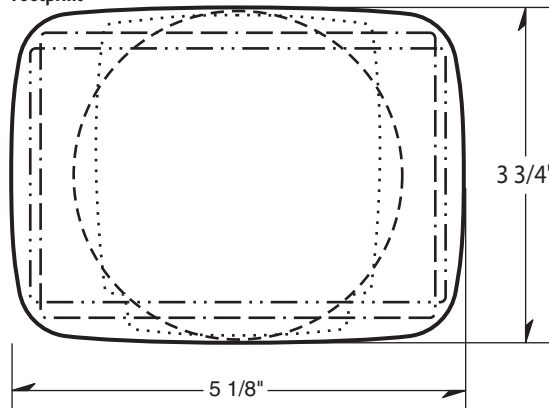
For Additional Information

Visit www.white-rodders.com

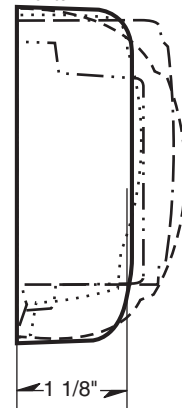
Smart Design Covers the Wall Marks of Others

No spackling or painting necessary because its smart design hides wall marks left by the most popular mechanical thermostats. Plus it has a lower profile!

Footprint



Profile



Application Guide

Series	System	Programs	Power Source
90 - Premium	Single Stage	7 day	Power stealing w/battery back-up
80 - Standard	Multi-Stage	5/1/1 day	Hardwired/battery
70 - Economy	Heat Pump	5/2 day Non-programmable	Battery Hardwired

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)

Accessories

Wall Plate F61-2510 with 2" x 4" junction box adaptor (6.5"W x 4.5"H)

Wall Plate F61-2550 (6.5"W x 4.5"H)

Thermostat Guard F29-0231

(For additional guard options refer to White-Rodgers catalog.)

1F78-151

Single Stage
2 Programs

1F78-144

Single Stage
Non-Programmable

White
Rodgers

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