

Single Stage

Digital 5/2 Day
Programmable and
Non-Programmable
Battery



1E78-151

White-Rodgers

70 Series™

E C O N O M Y



1E78-144



1E78-140

The Digital Thermostat That Builds Your Business and Flexes Your Inventory.

The new vertical 70 Series™ thermostats build your new construction business. It's the first series of flexible thermostats enabling customers to wire and mount one subbase for use with the temporary new construction thermostat and easily snap on an upgrade to any 1E78 digital model upon building completion. The vertical 70 Series low-profile design blends narrow width with new home decors. The universal subbase, for use with all 1E78 models, is designed to mount on a 2" x 4" junction box or directly to the wall. There is also an optional wallplate for use in retro-fit applications. The 70 Series thermostats are battery powered, making them easy to install and compatible with most heating and cooling systems. The vertical 70 Series is perfect for new construction customers who want a quick and easy transition to job completion.

Programming

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

4 time and 4 temperature settings per program
for heating and cooling (1E78-151)

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
(1E78-151)

Millivolt compatible

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

Maintains room temperature differential
within +/- 1 degree



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Single Stage
2 Programs
Thermostat

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Dimensions

3.25"W x 5.3"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
(1E78-151 and 1E78-144)

Millivolt compatible

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 F61-2593 (4.5"W x 6.6"H)

Subbase F4-1748 (3.25"W x 5.3"H)

"New Construction Stat" 1D78-140 with heat only 65° setpoint

Thermostat Guard F29-0143

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

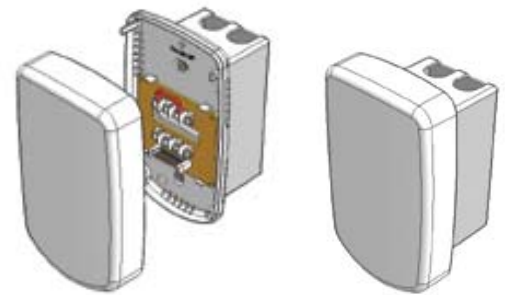
For Additional Information

Visit www.white-rodgers.com

Terminal Designations

1E78-151, 1E78-144 and F4-1748

1E78-140



F4-1748 Subbase mounted on 2" x 4" Junction Box with 1D78-140 "New Construction Stat"

"New Construction Stat"
1D78-140

Wall Plate F61-2593



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Application Guide

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



WHITE-RODGERS

Controlling Indoor Comfort Worldwide
Since 1937

St. Louis, Missouri
314-577-1300

Markham, Ontario
905-201-4701

www.white-rodgers.com



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Climate Technologies

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