

WHITE-RODGERS 70 SERIES ECONOMY THERMOSTATS



1F78-151



1F78-144



1F73-174



NEW! 1E78-151

70 SERIES "ECONOMY" THERMOSTATS

Residential Single Stage, Multi-Stage and Heat Pump Applications. 70 Series are the Perfect Upgrade from Mechanical Thermostats. 70 Series Will Cover Wall Marks Left by Most Mechanical Thermostats Without the Need for an Extra Wall Plate

FEATURES

- Fossil fuel or electric heat compatible.
- Large LCD with backlight.
- Selectable Celsius or Fahrenheit temperature display.
- Includes B/O terminals.
- Electronic accuracy.

SPECIFICATIONS

Electrical Rating Single Stage	.....	mV to 30 VAC, NEC Class II, 50/60 Hz or DC
Electrical Rating Staging	.....	20 to 30 VAC, NEC Class II
Terminal Load	.....	1.0 A per terminal, 1.5A maximum all terminals combined
Setpoint Range	.....	45 to 90°F (7 to 32°C)
Anticipation, Heating	.....	Adjustable
Anticipation, Cooling Staging	.....	Adjustable
Anticipation, Cooling Single Stage	.....	Fixed
Rated Differential, Staging	.....	Heat & Cool 0.75 or 1.2°F
Operating Ambient	.....	32 to +105°F (0 to +41°C)
Operating Humidity	.....	90% non-condensing max.
Shipping Temperature Range	.....	-4 to +150°F (-20 to +65°C)
Dimensions	.....	3 ³ / ₄ "H x 5 ¹ / ₈ "W x 1 ¹ / ₈ "D

PARTS AND ACCESSORIES

- See end of this section for additional parts and accessories
- Thermostat Guards — see pages 26-27
 - Wallplate — F61-2510 with adaptor for horizontal or vertical junction box





**WHITE-RODGERS 70 SERIES THERMOSTATS
STAGING THERMOSTATS**

Stages		Program	MODEL	Application				Control		Performance Features							Comfort & Convenience			Terminals		
Heat	Cool	Program	Model Number	Multi-Stage	Heat Pump	Gas/Oil/Electric	Millivolt	Humidify	Dehumidify	Auto Changeover	Energy Mgt. Recovery	Programmable Fan	Keypad Lockout	Indoor Remote Sensor	Outdoor Remote Sensor	Power Source	Energy Star	Lighted Display	Lighted Keypad	Memory Type	Super Cap	Terminals
MS 2	2	∅	1F73-174	X	X	X				X						H		X		①		R,C,Y1,E/W1,W2,L,G,O/B/Y2
HP 2	1	5+2 day	1F72-151		X					X					H	X	X		2AAA		R,C,Y,W2,G,B/O,L,E	
2	1	∅	1F79-111		X										H		X		2AAA		R,C,Y,W2,G,B/O,L,E	

SINGLE STAGE THERMOSTATS

Stages		Program	MODEL	Application				Control		Performance Features							Comfort & Convenience			Terminals		
Heat	Cool	Program	Model Number	Multi-Stage	Heat Pump	Gas/Oil/Electric	Millivolt	Humidify	Dehumidify	Auto Changeover	Energy Mgt. Recovery	Programmable Fan	Keypad Lockout	Indoor Remote Sensor	Outdoor Remote Sensor	Power Source	Energy Star	Lighted Display	Lighted Keypad	Memory Type	Super Cap	Terminals
NEW!	1	1	7-day	1F78-167		X(1)	X	X			X					B	X	X		①		RC,RH,W,Y,G,O,B
	1	1	5+2 day	1F78-151		X(1)	X	X			X					B	X	X		2AAA		RC,RH,W,Y,G,O,B
NEW!	1	1	5+2 day	1F78H-151		X(1)	X	X			X					H	X	X		①		RC,RH,W,Y,G,O,B
NEW!	1	1	5+2 day	1E78-151②		X(1)	X	X			X					B	X	X		2AAA		RC,RH,W,Y,G,O,B
	1	1	∅	1F78-144		X(1)	X	X								B		X		2AAA		RC,RH,W,Y,G,O,B
NEW!	1	1	∅	1F78H-144		X(1)	X	X								H		X		①		RC,RH,W,Y,G,O,B
NEW!	1	1	∅	1E78-144②		X(1)	X	X								B		X		2AAA		RC,RH,W,Y,G,O,B
NEW!	1	∅	∅	1E78-140②			X	X								B		X		2AAA		RH,W

MS = Multi-Stage
 HP = Heat Pump
 ① Permanent
 ② Vertical Style
 (1) = Single Stage Heat Pump
 B = Battery Power
 H = Hardwired (Requires Common)
 H/B = Hardwired or Battery option



TECHNICAL HELP

Single Stage Configuration/Wiring, 1F Models only See pages 196-197
 Multi-Stage Configuration/Wiring, 1F Models only See pages 194-195
 Heat Pump Configuration/Wiring, 1F Models only See pages 194-195