

70 series thermostats

1F78-151, 1F72-151, 1E78-151

Thermostats that offer economy and value with proven reliability

Available for conventional and heat pump applications

Programmable and non-programmable
Models – horizontal and vertical Styles

Conventional systems 1H/1C

Programmable

1F78-151	5+2 Day (Horizontal)
1E78-151	5+2 Day (Vertical)

Non-Programmable

1F78-144	Horizontal
1E78-144	Vertical
1E78-140	Heat Only (Vertical)

Heat pump systems 2H/1C

Programmable

1F72-151	5+2 Day (Horizontal)
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Non-Programmable

1F79-111	Horizontal
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1F78-151



1E78-151



1F72-151

Copeland 70 series thermostats deliver temperature accuracy for your customers on a budget. Battery powered makes installation fast and easy for you.

Contractor private label

Put your contact information in front of your homeowner customers.
Go to CopelandPrivateLabel.com to get started.

Specifications

Electrical rating

Battery Power: mV to 30 VAC
Hardwire: 20 to 30 VAC
NEC Class II, 50/60 Hz

Setpoint range

45°F to 90°F (7°C to 32°C)

Accessories

Wallplate:
F61-2510 (6-1/2"x 4-1/2")
F61-2593 (Vertical Thermostats 4-1/2"x 6-19/32")
Thermostat guard:
F29-0198 / F29-0227 / F29-0231

Display temperature range

32°F to +99°F (0°C to 37°C)

Rated differentials	FAST	SLOW
Conventional: Heat	0.8°F	1.5°F
Cool Fixed	1.2°F	
Heat Pump:	1.2°F	1.5°F
Aux./Emer. Heat:	0.8°F	1.2°F

Terminal load

1.0 A per terminal
1.5 A per maximum all terminals combined

Operating ambient

32°F to +105°F (0°C to +41°C)

Operating humidity

90% non-condensing max

Shipping temperature

-4°F to +150°F (-20°C to +65°C)

Thermostat dimensions

3-13/16"H x 5-1/8"W x 1-1/8"D (1F78)
5-5/16"H x 3-3/16"W x 1-1/8"D (1E78)

Terminal designations

Conventional systems

1H/1C: 1F78-144 / 1F78-151
(vertical): 1E78-144 / 1E78-151



Conventional systems heat

only 1H/0C (vertical): 1E78-140



Heat pump systems 2H/1C:

1F72-151/ 1F79-111



Model	Program options				Maximum stages heat/cool		Applications			Power source		Selectable performance features				Comfort and convenience features			
Model number	7 day	5+2 day	Non-programmable	Program periods per day	Conventional	Heat pump	Gas / Oil / Electric	3 Wire zone valve	Millivolt compatible	Battery	Hardwired (24V)	Auto changeover	EMR / Early start program	Temperature setpoint limits adjustable max./min.	Dual fuel control(L)-Logic/(O)-Outdoor sensor	Filter change reminder	Keypad lockout	Continuous wacklight w/ common wire	Permanent memory
1E78-140			0	0	1/0		✓		✓	✓									
1E78-144			0	0	1/1	1/1	✓		✓	✓									
1E78-151		5+2		4	1/1	1/1	✓		✓	✓									
1F72-151		5+2		4		2/1	✓				✓								
1F78-144			0	0	1/1	1/1	✓		✓	✓									
1F78-151		5+2		4	1/1	1/1	✓		✓	✓									
1F79-111			0	0		2/1	✓				✓								

The White-Rodgers mobile app:

- Cross referencing
- Product information
- Product selection

