

**1E30N-910****1F56N-444*** **1F56N-361**

MECHANICAL THERMOSTATS – MERCURY FREE

Replaces Hundreds of White-Rodgers and Competitive Models.
Enclosed Snap Action Contacts for Reliable, Economical and Environmentally Friendly Control

FEATURES

- Mercury free snap-action contacts with dust cover.
- Resistant to vibration.
- Mounts to wall or junction box.
- Built in bimetal thermometer.
- Classic White color.
- Horizontal and Vertical models.
- 24 Volt, 750 mV and 3 - wire zone options. See table below.

SPECIFICATIONS

Electrical Rating	20-30 VAC, NEC Class II 50/60Hz
Heating	0.15 to 1.2 Amps
Cooling	0.15 to 1.2 Amps
Heat Anticipator	Adjustable from 0.15 to 1.2 Amps
Cool Anticipator	Fixed
Differential Heat	1°F
Differential Cool	1.5°F
Setpoint Range	50°F to 90°F (10°C to 32°C)
Operating Humidity Range	0-90% non-condensing
Dimensions	4 1/2" H x 2 3/4" W x 1 1/2" D – 1E (Vertical) 4 1/2" H x 3 1/4" W x 1 5/8" D – 1E with Heat / Cool Subbase 2 3/4" H x 4 1/2" W x 1 1/2" D – 1F (Horizontal) 3 1/4" H x 4 1/2" W x 1 5/8" D – 1F with Heat / Cool Subbase

PARTS AND ACCESSORIES

 See end of thermostats section for additional parts and accessories

- F61-2301 — Wallplate 5 5/8" W x 5 3/4" H with adapter plate to horizontal or vertical junction box
- Thermostat Guards — see pages 34–35

TECHNICAL HELP

Configuration/Wiring See page 165

Model Number	Orientation Vertical, Horizontal	Applications								Options					Control Range	Terminals
		Heat Only	Cool Only	Heat-Cool	Conventional Gas / Oil / Electric	Electric Strip Heat	Heat Pump (No Aux.)	3-Wire Zone Valve	Millivolt Compatible	Includes Optional F92-0563 Kit for Temperature Locking or Limiting	Includes Switched Subbase Heat-Off-Cool & Fan Auto-On	Includes Switched Subbase Heat-Off	Includes Wallplate Heat Only (No System or Off Switch)	Includes Wallplate Cool Only or 3-Wire Zone (No System or Off Switch)		
1E30N-910	V	✓			✓				✓				✓		50 to 90°F	R, W
1E50N-301	V	✓	✓	✓	✓	✓	✓	✓	✓	✓			✓	✓	50 to 90°F	R, W
1E56N-444	V	✓	✓	✓	✓	✓	✓	✓	✓		✓		✓	✓	50 to 90°F	RC, RH, W, Y, O, B, G, A
1F56N-444	H	✓			✓				✓				✓		50 to 90°F	RC, RH, W, Y, O, B, G, A
* 1E30N-311	V	✓			✓				✓				✓		50 to 90°F / 10 to 32°C	R, W
* 1E50N-303	V	✓			✓				✓	✓			✓		50 to 90°F / 10 to 32°C	R, W
* 1E56N-361	V	✓	✓	✓	✓	✓	✓	✓	✓		✓		✓	✓	50 to 90°F / 10 to 32°C	RC, RH, W, Y, O, B, G, A
* 1F56N-361	V	✓	✓	✓	✓	✓	✓	✓	✓		✓		✓	✓	50 to 90°F / 10 to 32°C	RC, RH, W, Y, O, B, G, A

* Indicates Canadian Model Number: call 1-800-305-6953 to order



1C20-101



1C26-101

**ECONOMY MECHANICAL THERMOSTATS –
MERCURY-FREE**

Reliable Performance in an Attractive Design

FEATURES

- Rugged snap-action contacts.
- Adjustable heat anticipator.
- Bi-Metal thermometer.
- Heat / Cool model includes switching subbase.
- Heat / Cool model compatible with Electric Heat systems.

SPECIFICATIONS

Anticipation Rating, Heating Adjustable from 0.15 to 1.2 Amps
 Anticipation Rating, Cooling Fixed
 Differential, Heating 2°F (1.1°C)
 Differential, Cooling 4°F (2.2°C)
 Dimensions 3³/₄" H x 2⁷/₈" W x 1¹/₂" D
 Dimensions, Switching Models 3³/₄" H x 3¹/₈" W x 1⁵/₈" D
 Electrical Rating mV to 30V, 50/60 Hz or DC

PARTS AND ACCESSORIES See end of thermostats section for additional parts and accessories

- Wallplate F61-2499 — 5¹/₈" H x 5" W
- Thermostat Guards — see pages 34–35

TECHNICAL HELP

Configuration/Wiring See page 165



Model Number	Typical Application	Stages Heat / Cool	System Switch	Fan Switch	Contacts	Anticipation Heat / Cool	Range	Shape	Terminals
1C20-101	Heat Only ③	1	None ①	None	Snap-Action	Adjustable	50-90°F (10-32°C)	Vertical	R, W
1C20-102	Heat Only	1	None	None	Snap-Action	Adjustable	50-90°F (10-32°C)	Vertical	R, W
1C21-101	Cool Only	1	None	None	Snap-Action	Fixed	50-90°F (10-32°C)	Vertical	R, Y
1C26-101	Heat / Cool ② ③	1 / 1	Heat-Off-Cool	Auto-On	Snap-Action	Adjustable / Fixed	50-90°F (10-32°C)	Vertical	RC, RH, W, Y, O, B, G, A

① Lowest temperature setting is "OFF" position
 ② Includes optional "A" terminal connection for Electric Heat systems that require the thermostat to energize the Blower (G terminal) on a call for heat
 ③ Includes F61-2499 wall mounting plate to cover marks left by previous thermostat