



Comfort-Set 90



**F145-1328
Indoor Remote Sensor**

COMFORT-SET® 90 SINGLE STAGE THERMOSTATS

For Residential and Commercial Heating and Cooling Applications. Our Best Programmable Thermostat. Comfort-Set® 90 Series Thermostats are the Ultimate for Convenience, Comfort and Performance. No Other Thermostat Offers More at Any Price

FEATURES

- Selectable automatic heat/cool system changeover.
- Fossil fuel or electric heat compatible.
- Large Comfort-View™ luminescent display.
- Permanent program retention during power loss.
- Configuration menu allows keypad selection of options.
- Selectable Celsius or Fahrenheit temperature display.
- Programmable blower control and blower delay timings.
- Selectable Energy Management Recovery.
- Built-in system and thermostat diagnostics.
- Digital-signal remote sense capable.
- Meets Energy Star specifications – All Programmable Models.
- Classic White color.

SPECIFICATIONS

Electrical Rating	mV to 30 VAC, NEC Class II, 50/60 Hz or DC
Terminal Load	0.05 to 1.5 A per terminal, 2.5 A maximum all terminals combined
Setpoint Range	45 to 99°F (7 to 37°C)
Anticipation, Heating	Adjustable
Anticipation, Cooling	Adjustable
Rated Differential	Heat 0.5 to 1.5°F Cool 0.8 to 2.2°F
Operating Ambient	32 to +110°F (0 to +43°C)
Operating Humidity	90% non-condensing max.
Shipping Temperature Range	–4 to 149°F (–20 to 65°C)
Dimensions	4 1/8" H x 6 7/8" W x 1 3/8" D

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

- F145-1328 — Indoor remote sensor (each thermostat accepts one sensor)
- Thermostat Guards — see pages 23-24

TECHNICAL HELP

1F90/1F96/1F97 Wiring	See page 181
1F90/1F97 Configuration Options	See page 182
1F96 Configuration	See page 183

	Model Number	Pro-Spec Number	Stages: Heat/Cool & Typical Application	Programming	System Switch	Fan Switch	Voltage	Automatic Changeover Heat to Cool	Remote Sense	Program Fan	Keypad Lockout	EMR	Terminals
	1F90-371	90s3p	1/1 Gas, Oil, Electric, 3-Wire Zone	5+2/5+1+1 Day Program	Heat, Off, Cool, Auto	Auto, On	24 Volts or Millivolt	Yes	Yes	Yes	Yes	Yes	RC, RH, W, Y, G, MV, O, B, 6
	1F97-371	90s7p	1/1 Gas, Oil, Electric, 3-Wire Zone	7 Day Program	Heat, Off, Cool, Auto	Auto, On	24 Volts or Millivolt	Yes	Yes	Yes	Yes	Yes	RC, RH, W, Y, G, MV, O, B, 6
NEW!	1F96-344	90s0p	1/1 Gas, Oil, Electric, 3-Wire Zone	Non-Programmable	Heat, Off, Cool, Auto	Auto, On	24 Volts or Millivolt	Yes	Yes	Occupied Fan	Yes	No	RC, RH, W, Y, G, MV, O, B, 6
NEW!	1F90-374	90s3p	1/1 Gas, Oil, Electric, 3-Wire Zone	5+2/5+1+1 Day Program	Heat, Off, Cool, Auto	Auto, On	24 Volts or Millivolt	Yes	Yes	Yes	Yes	Yes	RC, RH, W, Y, G, MV, O, B, 6
NEW!	1F97-374	90s7p	1/1 Gas, Oil, Electric, 3-Wire Zone	7 Day Program	Heat, Off, Cool, Auto	Auto, On	24 Volts or Millivolt	Yes	Yes	Yes	Yes	Yes	RC, RH, W, Y, G, MV, O, B, 6