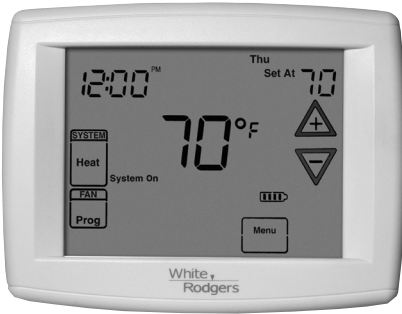
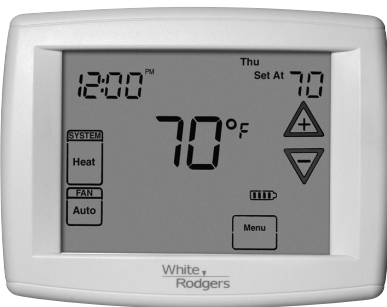


WHITE-RODGERS 90 SERIES TOUCHSCREEN THERMOSTATS

White
Rodgers



1F95-1277, 1F97-1277



1F95-1271, 1F97-1271



**F145-1328
Indoor Remote Sensor**



**F145-1378
Outdoor Remote Sensor**



90 SERIES BLUE TOUCHSCREEN THERMOSTATS

Residential and Light Commercial – Single Stage, Multi-Stage and Heat Pump Applications. 90 Series Blue Touchscreen Thermostats are the Ultimate for Comfort, Convenience and Performance and Visibility

FEATURES

- Large 12-square-inch touchscreen display – largest in the industry.
- Extra-large touch keys for easy operation.
- Universal Dual-Powered – choice of battery-powered or hardwired with battery back-up.
- Meets ENERGY STAR® specifications.
- Meets California Building Code, Title 24.
- Universal – choice of 7 day, 5/1/1 day programmable or non-programmable (installer selectable).
- Audible feedback.
- 1F95-1277/1F97-1277 include these additional features:
 - Remote sensing indoor/outdoor.
 - Programmable fan.
 - Circulator fan cycling.
 - Automatic daylight savings option.
 - Dual-fuel heat pump control (1F95-1277).
 - Patented Cool Savings.
 - Enhanced security settings.
 - 3 wire zone valve.

SPECIFICATIONS

Electrical Rating

| | |
|--------------------------|---|
| Battery Power | mV to 30 VAC, NEC Class II, 50/60 Hz or DC |
| Input-Hardwire | 20 to 30 VAC |
| Terminal Load | 1.5 A per terminal, 2.5 A maximum all terminals combined |

Setpoint Range 45 to 99°F (7 to 37°C)

Differential (Single Stage) Heat 0.6°F; Cool 1.2°F

Differential (Multi-Stage) Heat 0.6°F; Cool 1.2°F

Differential (Heat Pump) Heat 1.2°F; Cool 1.5°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 4⁹/₁₆"H x 5¹³/₁₆"W x 1³/₁₆"D

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

- F29-0198 — Clear plastic thermostat guard
- F29-0220 — Metal thermostat guard
- F61-2600 — Wallplate 8¹/₈"W x 5³/₈"H
- F61-2634 — Wallplate 6¹/₂"W x 5" H
- F145-1328 — Indoor remote sensor
- F145-1378 — Outdoor remote sensor

**WHITE-RODGERS 90 SERIES THERMOSTATS
STAGING THERMOSTATS**

| Single Stage | Multi-Stage | Heat Pump | Programs | | Model | Applications | | | | Thermostat Power Source* | Selectable Performance Features | | | | | | | | Comfort and Convenience Features | | | Terminals | | |
|--------------|-------------|-----------|----------------------------|-----------------|---------|--------------------------|--------------|----------------------|-------------------|--------------------------|---------------------------------|--|-----------------|------------------|----------------------|-------------|--|--|---|--|-----------------------|-----------|----------------------------|--|
| | | | Stages Heat/Cool by System | Program Options | | Periods Per Day Options | Model Number | Gas / Oil / Electric | 3 Wire Zone Valve | | Millivolt Compatible | Humidity Control (H)-Humidity / (D)-Dehumidify | Auto Changeover | Programmable Fan | Energy Mgt. Recovery | Energy Star | Dual Fuel Heat Pump Control (L)-Logic / (O)-Outdoor Sensor | Keypad Lockout (T)-Total / (P)-Partial | Set-Point Temperature Limits Adjustable Max/Min | Indoor Remote Sensors Max. Number + Thermostat Average and/or Weighted | Outdoor Remote Sensor | | Display Size Square inches | Lighted Display |
| NEW! | 1/1 | 2/2 | 3/2 | 7, 5+1+1, Ø | 4, 2, Ø | 1F95-1277 Touchscreen | ✓ | ✓ | ✓ | | B, H | ✓ | ✓ | ✓ | ✓ | Ⓞ | T, P | ✓ | 1 + 1 | 1▼ | 12.0 | ✓*** | P | RC, RH, C, W/E,W2, Y, Y2, G, O, B, 6, L, +, S, - |
| NEW! | 1/1 | 2/2 | 3/2 | 7, 5+1+1, Ø | 4, 2, Ø | 1F95-1271 Touchscreen | ✓ | | ✓ | | B, H | ✓ | | ✓ | | T, P | ✓ | | | | 12.0 | ✓*** | P | RC, RH, C, W/E,W2, Y, Y2, G, L,O, B |

SINGLE STAGE THERMOSTATS

| Single Stage | Multi-Stage | Heat Pump | Programs | | Model | Applications | | | | Thermostat Power Source* | Selectable Performance Features | | | | | | | | Comfort and Convenience Features | | | Terminals | | |
|--------------|-------------|-----------|----------------------------|-----------------|---------|--------------------------|--------------|----------------------|-------------------|--------------------------|---------------------------------|--|-----------------|------------------|----------------------|-------------|--|--|---|--|-----------------------|-----------|----------------------------|--|
| | | | Stages Heat/Cool by System | Program Options | | Periods Per Day Options | Model Number | Gas / Oil / Electric | 3 Wire Zone Valve | | Millivolt Compatible | Humidity Control (H)-Humidity / (D)-Dehumidify | Auto Changeover | Programmable Fan | Energy Mgt. Recovery | Energy Star | Dual Fuel Heat Pump Control (L)-Logic / (O)-Outdoor Sensor | Keypad Lockout (T)-Total / (P)-Partial | Set-Point Temperature Limits Adjustable Max/Min | Indoor Remote Sensors Max. Number + Thermostat Average and/or Weighted | Outdoor Remote Sensor | | Display Size Square inches | Lighted Display |
| NEW! | 1/1 | | 1/1 | 7, 5+1+1, Ø | 4, 2, Ø | 1F97-1277 Touchscreen | ✓ | ✓ | ✓ | | B, H | ✓ | ✓ | ✓ | ✓ | | T, P | ✓ | 1 + 1 | 1▼ | 12.0 | ✓*** | P | RC, RH, C, W, Y, G, O, B, W/E, L, 6, +, S, - |
| NEW! | 1/1 | | 1/1 | 7, 5+1+1, Ø | 4, 2, Ø | 1F97-1271 Touchscreen | ✓ | | ✓ | | B, H | ✓ | | ✓ | | T, P | ✓ | | | | 12.0 | ✓*** | P | RC, RH, C, W, Y, G, L,O, B |

* H = Hardwired (Requires Common)
 B,H = Battery Powered or Hardwired
 B = Battery Powered
 PS = Power Stealing with Battery Back-Up

① Heat Pump for Stage 1, and Gas/Oil/Electric for 2nd Stage/Emergency
 ② System requires fossil fuel kit on dual fuel application if outdoor remote is not used
 ▼ Only one (1) remote sensor may be used – either Indoor or Outdoor
 *** Optional Continuous Display Light w/Hardwire connection