70 Series™ Thermostats
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)

Non-Programmable
1F79-111  Horizontal

Contractor Private Label
Put your contact information in front of your homeowner customers. Go to EmersonPrivateLabel.com to get started.

Emerson 70 Series Thermostats deliver temperature accuracy for your customers on a budget. Battery powered makes installation fast and easy for you.
# 70 Series™ Thermostats

Thermostats that offer economy and value with proven reliability

## 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**
- Conventional: Heat 0.8°F, Cool Fixed 1.2°F
- Heat Pump: 1.2°F, Aux./Emer. Heat: 0.8°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)

**Terminal 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 |

For complete, up to date cross reference information, install WRMobile on your iOS or Android device today.