

T8665A Chronotherm® IV Wireless Thermostat

SPECIFICATION DATA



FEATURES

- Seven-day programmable.
- Programmable fan.
- Large backlight display.
- Easily installed with no wires needed.
- One-touch Daylight Savings Time key.
- Premier White® color.
- Dimensions: 7-3/8 in. (188 mm) x 5-3/4 in. (146 mm).
- Supports up to three zones with Honeywell Zone Panels (not included): EMM-3 Electronic MiniZone™ or TZ-3 TotalZone® Control Panel.
- Required accessory (not included):
W8665A RM for 1H/1C conventional single-zone systems.
W8665E RF Zone™ Panel for up to 3H/2C single stage, multistage, or heat pump systems with up to three zones.
- Optional accessories:
209650A Universal Cover Plate to cover old thermostat marks.

APPLICATION

The T8665A Chronotherm® IV Wireless Thermostat supports conventional gas, oil, or electric applications (1H/1C) when used with the W8665A Single Zone Receiver Module (RM). See Table 1. Supports single or multistage conventional gas, oil or electric applications and heat pumps with auxiliary heat (up to 3H/2C) for up to three zones when used with the W8665E and a Honeywell zone panel. See Table 1.

Table 1. T8665A Thermostat Description.

Model	System	Changeover	Zones	System Selection	Fan Selection
T8665A and W8665A	Heat-Cool	Automatic or Manual	One	Heat-Off-Cool-Auto	On-Auto
T8665A and W8665E			Up to three ^a		

^aUp to three zones when W8665E is wired to a Honeywell zoning panel.



SPECIFICATIONS

Electrical Ratings (Nominal Range): 18 to 30 Vac, 50/60 Hz.

Transmitter Identity: Each thermostat is encoded with unique serial numbers.

Transmitter Range: 200 ft maximum.

Transmitter Frequency: 345 MHz.

Humidity Ratings: 5 to 90% RH, noncondensing.

Dimensions: See Fig. 1.

Temperature Ratings:

Shipping: -20 to 120 °F (-28.9 to 48.9°C).

Operating Ambient: 40° to 110 °F (4.4 ° to 43.3°C).

Setpoint:

Heat Range: 40° to 90°F (4.5 to 32°C).

Cool Range: 45° to 99°F (7 to 37°C).

Resolution: 1°F (0.5°C).

Heat-Cool Differential (Auto Changeover): 3°F (2°C) minimum.

Temperature Display:

Controlled Temperature: 30° to 110°F (-1.1° to 43.3°C).

Resolution: 1°F (0.5°C).

Timekeeping:

Accuracy: ±1.0 minute per month maximum error.

Backup: 15 minutes after unit is powered eight hours.

Mounting:

Thermostat mounts on the wallplate:

Wallplate mounts horizontally using two no. 6 screws and wall anchors provided.

Wallplate can also be mounted on horizontal 2 x 4 in. outlet box.

Finish: Premier White® polystyrene.

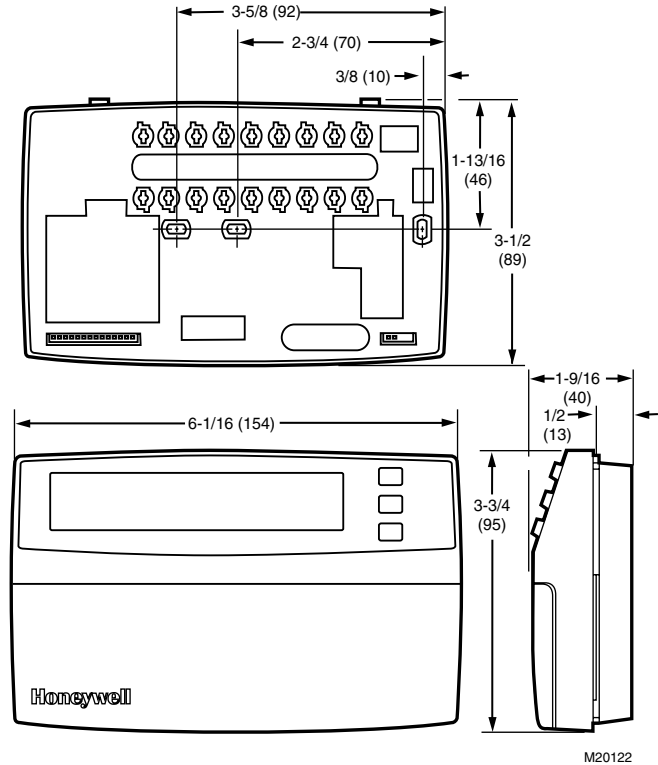


Fig. 1. T8665A dimensions in in. (mm).

Honeywell

Home and Building Control

Honeywell
1985 Douglas Drive North
Golden Valley, MN 55422

Home and Building Control

Honeywell Limited-Honeywell Limitée
35 Dynamic Road
Scarborough, Ontario
M1V 4Z9

