

Non-Programmable Thermostats

T8775A,C The Digital Round[®] Non-Programmable Thermostats



Heat Only



1 Heat/1 Cool

The T8775A Thermostat provides 24V control of heating only systems. The T8775C Thermostat provides single-stage temperature control for 24V heating-cooling systems with manual changeover from heat to cool.

- Attractive styling complements any decor.
- Large easy-to-read display.
- Backlit display.
- No batteries required.
- The temperature setting is held permanently in memory in the event of a power failure.
- Powered through heating-cooling system controls.
- Manual changeover from heat to cool on T8775C model.
- Easy installation, set up and 5-minute compressor bypass saves time and increases installer productivity.
- Easily configurable by the use of DIP switches.
- F or C temperature display.
- Selectable heating cycle rates (1, 3, 6, 9 cph) for a variety of applications.
- Cooling cycle rate is fixed at 3 cph.
- Minimum off-time for compressors in the cooling mode.

Dimensions, Approximate: 3 11/16 in. diameter x 1 7/16 in. deep
(94 mm diameter x 37 mm deep)

Operating Humidity Range (% RH): 5 to 90% RH (non-condensing)

Accuracy: ±1 F (±0.5 C)

Cycles per Hour: Adjustable 1, 3, 6, 9

Switch Type: Electronic

Current (Cooling): 0.02A to 1.5A running; 6.0A inrush

Current (Heating): 0.02A to 1.5A running, 3.5A inrush

Current (Fan): 0.02A to 0.5A running, 2.5A inrush

Electrical Ratings: 18 to 30 Vac

Frequency: 60 Hz

Power Method: Powered through system heating and cooling controls

Sensor Element: Thermistor

Accessories:

50000066-001 Decorative Cover Plate for T8775 or T87K,N

| Product Number | Application | Color | Mounting | Switch Positions | | Terminal Designations | Stages | Setting Temperature Range | | Includes |
|----------------|---|----------------------------|----------|------------------|---------|-----------------------|-------------------|---------------------------------------|---------------------------------------|---|
| | | | | System | Fan | | | (F) | (C) | |
| T8775A1009 | Heat Only | Premier White [®] | Round | — | — | R, W | 1 Heat | 40 to 90 | 4.5 to 32 | Wallplate, resistor assembly, mounting screws and wall anchors. |
| T8775C1005 | 1 Heat/1 Cool Conventional and Heat Pumps with No Auxiliary Heat | Premier White [®] | Round | COOL-OFF-HEAT | AUTO-ON | R, Rc, W, Y, G, O, B | 1 Heat/ 1 Cool | 40 to 90 in heat; 45 to 99 in cool | 4.5 to 32 in heat; 7 to 37 in cool | Wallplate, resistor assembly, mounting screws and wall anchors. |