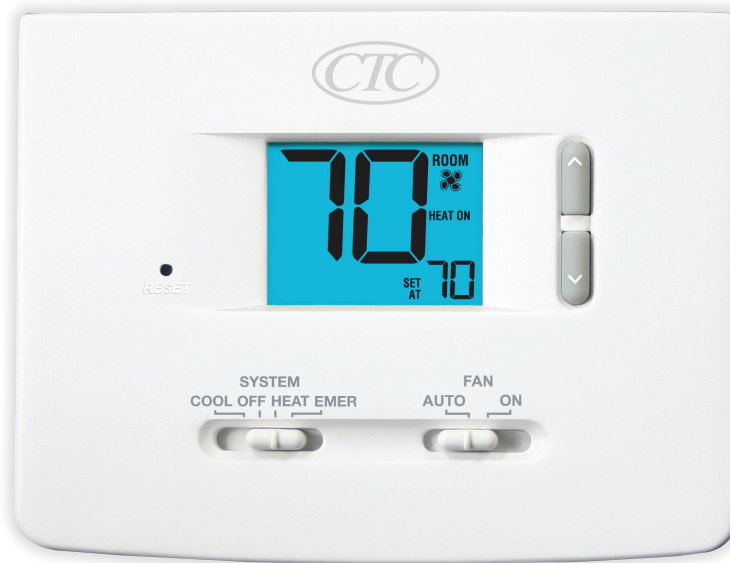


# 62100N Non-Programmable Thermostat



### Compatibility:

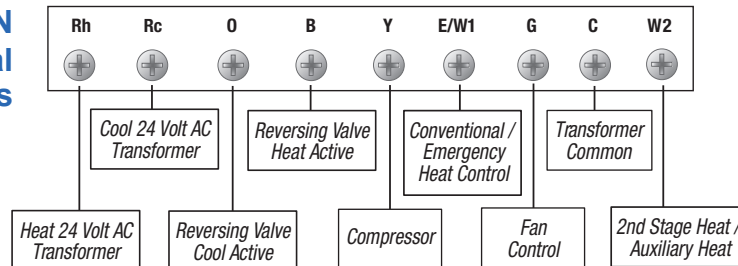
- Up to 2 Heat / 1 Cool Conventional or Heat Pump Systems
- 24 VAC Gas, Oil or Electric Systems
- Millivolt
- Hot water gravity & zoned
- Hot water solenoid valves (2-wire)
- Single Stage Heat Pumps
- Air / Ground / Hydronic Exchanger

### Features:

- 1.5 Square Inch Display with Bright Blue Backlight
- Hardwire or Battery Powered
- Permanent Memory Retains Settings
- Compressor Short Cycle Protection
- Separate O & B Terminals
- Auxiliary Heat Indicator
- Low Battery Indication
- Front Access Reset Button
- F° / C° Switch
- Gas / Electric Fan Switch
- English / Spanish Packaging and Instruction Card



### 62100N Terminal Designations



### Architectural Specifications

The digital non-programmable thermostat shall be a CTC® model number 62100N, 3.62" high x 4.72" wide x 1.38" deep, powered independently with either 24 VAC or two "AA" Alkaline batteries (3.0 Volt DC). The thermostat shall be compatible with multi-stage conventional or heat pump systems with up to two stages of heating and one stage of cooling and heat pump systems with one compressor and up to one auxiliary stage. The thermostat shall have a bright blue backlight display and separate sub-base for trouble free installation. Temperature control range shall be between 45° and 90° F (7° and 32° C), accuracy of +/- 1° F (+/- .5° C), humidity range between 5% and 95% relative humidity. The thermostat shall include non-volatile memory to retain user settings and auxiliary heat indicator. Thermostat shall have low battery indication and a front reset button will return user settings to default values when pressed. The thermostat can be mounted to a horizontal junction box.

### Product Specifications

<b>Dimensions:</b>	3.62" x 4.72" x 1.38"
<b>Electric Rating:</b>	24 Volt AC (18-30 Volt AC) 1 amp maximum load per terminal 3 amp total maximum load (all terminals)
<b>AC Power:</b>	18-30 Volt AC
<b>DC Power:</b>	3.0 Volts DC (2 "AA" Alkaline batteries included)
<b>Control Range:</b>	45° to 90° F (7° to 32° C)
<b>Display Range:</b>	40° to 99° F (5° to 37° C)
<b>Accuracy:</b>	+/- 1° F (+/- .5° C)
<b>Storage Temperature:</b>	14° to 140° F (-10° to 60° C)
<b>Operating Humidity:</b>	5% to 95% Relative Humidity
<b>Terminations:</b>	Rh, Rc, O, B, Y, E/W1, G, C, W2

### Shipping Information

<b>INDIVIDUAL CARTON</b>
<b>Dimensions:</b> 3.8" x 5.8" x 1.6"
<b>Weight:</b> .70 lbs.

<b>MASTER CARTON</b>
<b>Quantity:</b> 12
<b>Dimensions:</b> 11" x 11.7" x 4.3"
<b>Cubic Feet:</b> .32
<b>Weight:</b> 9.2 lbs.

### Accessories

BTG-UN Universal Thermostat Guard

Date: \_\_\_\_\_  
Job Name: \_\_\_\_\_  
Location: \_\_\_\_\_  
Contractor: \_\_\_\_\_

Engineer: \_\_\_\_\_  
Model No.: \_\_\_\_\_  
Submitted By: \_\_\_\_\_  
Submitted For Approval: \_\_\_\_\_ Record: \_\_\_\_\_