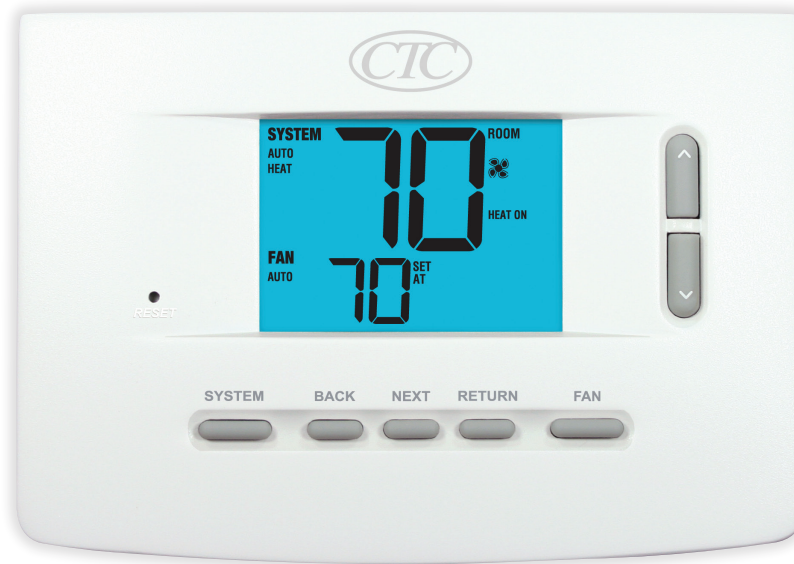


71100N Non-Programmable Thermostat



Compatibility:

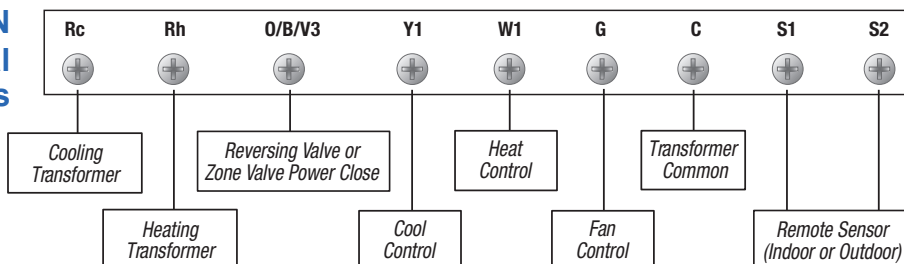
- 1 Heat / 1 Cool Systems
- 24 VAC Gas, Oil or Electric Systems
- Millivolt
- Hot Water Gravity & Zoned
- Hot Water Motor Valves (3-wire)
- Hot Water Solenoid Valves (2-wire)
- Single Stage Heat Pumps
- Air / Ground / Hydronic Exchanger

Features:

- 3 Square Inch Display with Bright Blue Backlight
- Auto or Manual Changeover
- Adjustable Temperature Limits
- Indoor or Outdoor Remote Sensing
- Permanent Memory Retains Settings
- Separate User and Installer Reset Buttons
- User Selectable Service Monitors
- Hardwire or Battery Powered
- Multi-Level Keypad Lockout
- Set Point Adjustment Limits
- Compressor Short Cycle Protection
- English / Spanish Packaging and Instruction Card



71100N Terminal Designations



Architectural Specifications

The digital non-programmable thermostat with auto changeover shall be a CTC® model number 71100N, 3.86" high x 5.11" wide x 1.42" deep, powered with either 24 Volt AC or with two "AA" Alkaline batteries (3.0 Volt DC). The thermostat shall be compatible with low voltage single stage gas, oil, or electric heating or cooling systems, and single stage heat pump systems. Also compatible with 250mv – 750mv millivolt heating only systems and 2 or 3 wire hydronic zone systems. The thermostat shall have a bright blue backlight display, separate sub-base and multi-level keypad lockout. Temperature control range shall be between 45° and 90° F (7° and 32° C), accuracy of +/- 1° F (+/- .5° C) and operating humidity range between 5% and 95% relative humidity. The thermostat shall include separate installer and user setup modes, permanent memory to retain all user, installer and temperature settings, filter, UV and humidifier pad check monitor, adaptive recovery mode, residual cooling fan delay and indoor or outdoor remote sensor capability. A front reset button will return user settings to default values when pressed.

Product Specifications

Dimensions:	3.86" x 5.11" x 1.42"
Electric Rating:	24 Volt AC (18-30 Volt AC) 1 amp maximum load per terminal 3 amp total maximum load (all terminals)
AC Power:	18-30 Volt AC
DC Power:	3.0 Volts DC (2 "AA" Alkaline batteries included)
Control Range:	45° to 90° F (7° to 32° C)
Display Range:	40° to 99° F (5° to 37° C)
Accuracy:	+/- 1° F (+/- .5° C)
Storage Temperature:	14° to 140° F (-10° to 60° C)
Operating Humidity:	5% to 95% Relative Humidity
Terminations:	Rc, Rh, O/B/V3, Y1, W1, G, C, S1, S2

Shipping Information

INDIVIDUAL CARTON
Dimensions: 5.0" x 6.3" x 2.0"
Weight: .92 lbs.

MASTER CARTON
Quantity: 6
Dimensions: 6.4" x 13" x 5.6"
Cubic Feet: .27
Weight: 6 lbs.

Accessories

BTG-UN Universal Thermostat Guard
6390 Remote Indoor Sensor
6490 Remote Outdoor Sensor

Date: _____
Job Name: _____
Location: _____
Contractor: _____

Engineer: _____
Model No.: _____
Submitted By: _____
Submitted For Approval: _____ Record: _____