CTC

A Division of SUPCO®

Supco®

THE RIGHT CHOICE

Thermostat
Guide

Climate Technology Corporation (CTC) has been manufacturing thermostats for over 20 years. Specifically focused on the HVAC contractor's needs, we have produced reliable, high quality thermostats at a very competitive price.

We are proud to be in a position to offer three distinct product lines that continue to meet the changing needs of the HVAC marketplace.

I Our new, comprehensive line of thermostats offer three styles for the contractor to choose from:
- **Professional Series thermostats are ideal for the contractor to install a high quality thermostat with basic functionality**
- **Performance Series thermostats provide a premier thermostat, adding functionality that suits the varying demands of end users**
- **Ultimate Series is a touchscreen thermostat providing the end user with any and all functions found in "top of the line" thermostats**

II The 43000 Series thermostats are economically priced and manufactured for quality and reliability. These field proven thermostats include mechanical, digital and programmable thermostats for single stage, conventional systems.
- **43004A/43005A Mechanical Thermostats**
- **43054 Digital Thermostat**
- **43154 5/2 or 5/1/1 Programmable Thermostat**

84210T
Ultimate Series Thermostat

43054
Digital Thermostat

Precise • Quality • Reliable • Innovative

Performance Series

73200N
Non-Programmable Thermostat

Compatibility:
- Up to 3 Heat / 2 Cool Heat Pump Systems
  Up to 2 Heat / 2 Cool Conventional 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
- User Selectable Service Monitors
- Separate User and Installer Reset Buttons
- Permanent Memory Retains Settings

- Adjustable Balance Points
- Auxiliary Heat Fossil Fuel Option
- Hardwire or Battery Powered
- Multi-Level Keypad Lockout
- Set Point Adjustment Limits
- Compressor Short Cycle Protection
- English / Spanish Packaging and Instruction Card

Accessories
- 6390 Remote Indoor Sensor
- 6490 Remote Outdoor Sensor

Actual Size

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 5 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°F to 90°F (7°C to 32°C)
Display Range	40°F to 99°F (5°C to 37°C)
Accuracy	+/-1°F (+/-.5°C)
Storage Temperature	14°F to 140°F (-10°C to 60°C)
Operating Humidity	5% to 95% Relative Humidity
Terminations	G, Rc, Rh, W2, O/B/V3, Y1, Y2, W1/E/W3, C, L, S1, S2

THREE YEAR 3 WARRANTY

RoHS COMPLIANT

Precise • Quality • Reliable • Innovative

Ultimate Series

84210T
5/2, 7 Day or Non-Programmable Touchscreen Thermostat

Actual Size

Compatibility:
- Up to 4 Heat / 2 Cool Heat Pump Systems
  Up to 3 Heat / 2 Cool Conventional Systems
- 24 VAC Gas, Oil or Electric Systems
- Millivolt
- Hot Water Gravity & Zoned
- Hot Water Solenoid Valves (2-wire)
- Air / Ground / Hydronic Exchanger

Features:
- 10 Square Inch Touchscreen Display with Bright Blue Backlight
- Residential or Commercial Modes
- Indoor or Outdoor Remote Sensing
- Auto or Manual Changeover
- Adjustable Compressor Protection
- Hardwire or Battery Powered
- Adjustable Temperature Limits

- Separate User and Installer Reset Buttons
- Auxiliary Heat Fossil Fuel Option
- Multi-Level Keypad Lockout
- Economizer Control
- Programmable Fan Mode
- English / Spanish Packaging and Instruction Card

Accessories
- 6390 Remote Indoor Sensor
- 6490 Remote Outdoor Sensor

Specifications

Dimensions	4.13" x 6.13" x 1.38"
Electric	24 Volt AC (18-30 Volt AC)
Rating	1 Amp Maximum Load per Terminal
	7 Amp Total Maximum Load (All Terminals)
AC Power	18-30 Volt AC
DC Power	3.0 Volts DC
	(2 AA Alkaline Batteries Included)
Control	45°F to 90°F
Range	(7°C to 32°C)
Display	40°F to 99°F
Range	(5°C to 37°C)
Accuracy	+/-1°F (+/-.5°C)
Storage	14°F to 140°F
Temperature	(-10°C to 60°C)
Operating	5% to 95% Relative Humidity
Humidity	
Terminations	A, G, Rc, Rh, W2/AUX2, W3/O/B, Y1, Y2, W1/E/AUX1, C, L, S1, S2

THREE YEAR WARRANTY 3

RoHS COMPLIANT

energy AWARE

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More Thermostat Choices

43004A / 43005A
Mechanical Thermostat

All models offer our "quiet switching" design and require no additional sub-base for heating, cooling or heating/cooling installation. All deliver maximum performance at a value price. All mechanical thermostats have a 1 year warranty.

- Heat / Cool
- For Use with Most 4 or 5 Wire 24 VAC Systems and Single-stage Heat Pumps
- Adjustable Heat Anticipator
- Mercury Free
- Terminations: RC, RH, W, Y, G, O, B

43004A
Horizontal

43005A
Vertical

Common Features/Compatibility for 43004A, 43005A, 43054 and 43154

Features
- Latching Relays for System Compatibility
- Soft Touch Keypad
- Low Battery Indicator
- Blue Back Light
- Easy, Front Load Battery Access
- 2 AA Batteries Included
- °F/°C Selector
- 3 Year Warranty

Compatible With:
- 24 VAC Heat/Cool, Heat Only or Cool Only Systems
- Gas, Electric or Oil Systems
- Millivolt Systems
- 2 Wire Hydronic Systems

43054
Digital Thermostat
- Non-Programmable
- Electronic Digital Accuracy
- Large, easy-to-read LCD
- Filter Change indicator
- No Leveling Required
- Bi-Metal Freeze Protection
- Terminations: RC/O, RH/B, Y, W, G, R

43154
5/2 or 5/1 Day
Programmable Thermostat
- For Conventional Heat / Cool or Single-Stage Systems
- Pre-Programmed
- 4 Periods Per Day
- Adjustable Cycle Rate
- Easy "Front Load" Battery Access
- Mechanical Low Temperature Protection
- Filter Monitor
- Up-Opening Door
- Two-Stage Low Battery Warning with Fail Safe Protection
- Large, easy-to-read LCD
- Terminations: G, RC, RH, Y/O, WB, Y1

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Guards & Accessories

6390
Indoor Remote Sensor
- Simple 2-wire Installation
- Indoor Use Only
- Mounting Hardwire Included
- Accuracy +/- 1°F (+/- .5°C)
- Compatible with CTC Thermostats 71100N, 73200N, 71157P, 73257P, 84210T

6490
Outdoor Remote Sensor
- Simple 2-wire Installation
- Outdoor Use Only
- Mounting Hardwire Included
- Accuracy +/- 1°F (+/- .5°C)
- Compatible with CTC Thermostats 71100N, 73200N, 71157P, 73257P, 84210T

Thermostat Guards

PART NO.	DESCRIPTION
BTG-K	Clear Plastic
BTG-EK	Clear Plastic
BTG-RK	Clear Plastic
BTG-UK2	Clear Plastic
BTG-UN	Clear Plastic
BTG-UM	Metal
BTG-UWM	Metal
BTG-54VL	Metal
BTG-54VLW	Metal

BTG-UN

Magjumpers
- Powerful Magnets
- 20" Wire Length
- Max Voltage: 3VAC/VDC
- Max Current: 5 Amps

MAG1BL   MAG1RD   MAG1GR

MAG1BK   MAG1YL

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