INSTRUCTION MANUAL

CTO-7SC-721

CTO-7SC-511

Spin-and-Click

Multicolor Backlight

Climatouch

CONTENTS

SPIN-AND-CLICK INTERFACE **5**
Multicolor Backlight **5**
THERMOSTAT FEATURES **6**
INSTALLATION - BEFORE YOU BEGIN **8**
INSTALLATION - MOUNTING THE THERMOSTAT .. **9**
INSTALLATION - WIRING DIAGRAMS **10**
USING THE THERMOSTAT - SPIN-and-CLICK **16**
USING THE THERMOSTAT - MAIN SCREEN **18**
TEMPERATURE SET-POINT(S) **22**
THERMOSTAT OPERATION MODES **24**
TEMPERATURE CONTROL MODES **26**
FAN OPERATION MODES **28**
TIME AND DAY SETTINGS **30**
PROGRAM SETTINGS **32**
BACKLIGHT SETTINGS **38**
CONFIGURATION SETTINGS **41**
CONFIGURATION – SCREEN 1 ..... **42**
CONFIGURATION – SCREEN 2 ..... **43**
CONFIGURATION – SCREEN 3 ..... **44**
CONFIGURATION – SCREEN 4 ..... **45**
CONFIGURATION – SCREEN 5 ..... **46**
CONFIGURATION – SCREEN 6 ..... **47**
CONFIGURATION – SCREEN 7 ..... **48**
CONFIGURATION – SCREEN 8 ..... **50**
CONFIGURATION – SCREEN 9 ..... **51**
CONFIGURATION – SCREEN 10 ..... **52**
CONFIGURATION – SCREEN 11 ..... **54**
SECURITY SETTINGS **56**
REPLACING THE BATTERIES **60**
FAQ **62**
WARRANTY **64**

The Climatouch™ "Spin-and-Click" thermostat elevates your environmental comfort and control to a higher level. With its innovative LCD screen with Multicolor Backlight* and revolutionary "Spin-and-Click" interface, it's both easy on the eyes and easy to use. The Climatouch™ "Spin-and-Click" thermostat allows you to operate a heating, ventilation and air conditioning (HVAC) system with absolute precision and unparalleled simplicity.

SPIN-AND-CLICK INTERFACE

The intuitive interface with its elegantly embedded control-button and recessed scroll-wheel allows you to quickly and easily access all of the thermostat's features:

- Instantly change the temperature set-point with a flick of your finger;
- Quickly select thermostat, temperature or fan control modes;
- Easily set-up a customized, temperature control program.

MULTICOLOR BACKLIGHT

Large LCD screen with Multicolor Backlight shows the current HVAC status using different, user-selectable screen colors, allowing you to observe the status of your HVAC system at a glance.* It also clearly displays current temperature, temperature set-point, day, time and thermostat operation modes at all times.

THERMOSTAT FEATURES

The fully programmable, Climatouch™ "Spin-and-Click" thermostats precisely controls temperature and airflow for optimum comfort and air quality. It also delivers enhanced energy savings and efficiency without sacrificing your environmental comfort.

- 7-day programmable* "Program" mode precisely fits your schedule, with up to 4 temperature and fan operation mode changes for each day of the week. A convenient "Copy" option duplicates daily settings to simplify the set-up of a custom 7-day program.*
- Up to 2 "Heat" and 1 "Cool" stages allows you to control the widest variety of HVAC system configurations.

- An Automatic Temperature Control mode alternates between the heating and cooling capabilities of your HVAC system to maintain the temperature at the current temperature set-point for absolute comfort control.
- 3 independent fan operation modes control airflow to maintain room comfort. A unique "Fan Intermittent" mode runs the fan for 10 minutes every half-hour to ensure proper air circulation and save energy.
- Battery back-up protects your programmed settings during extended power failures.
- Secure access operation with a user-selected PIN prevents unauthorized use of the thermostat.
- Precise temperature control in 1°F increments ensures that your comfort is maintained at the desired set-point.
- Dual Powered: Hardwired and Battery Powered - easily replaces traditional mercury-switched two wire thermostats.

INSTALLATION - BEFORE YOU BEGIN

Make sure to turn off the power supply located at the electrical service panel. All heating and cooling units should be OFF.

If replacing an existing thermostat, remove the old thermostat and label all the wires with old thermostat screw-terminal letter designations.

Choose a thermostat installation location that is on an interior wall and away from direct sunlight, radiant heat and air-ducts.

INSTALLATION - MOUNTING THE THERMOSTAT

1. Remove the thermostat backplate and align it to the wall at the selected installation location.

2. Mark the 2 inside holes for drilling plastic screw anchors holes on the wall.

3. Remove the backplate and drill 2 3/16" holes in marked locations.

4. Insert 2 plastic screw anchors

5. Mount the thermostat backplate using 2 supplied screws.

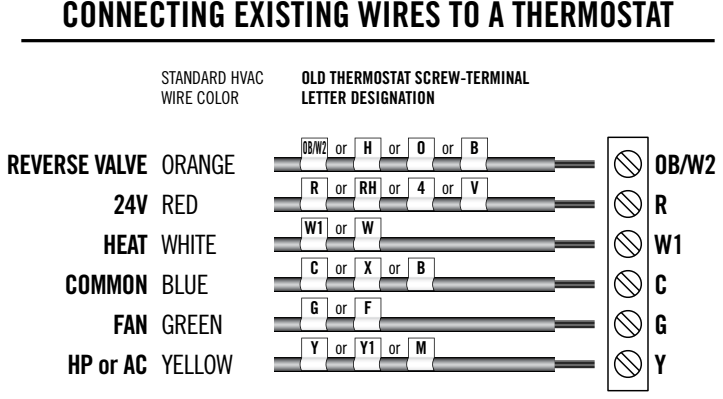
6. Connect the wires to the screw-terminals on the thermostat backplate based on the specifications of the HVAC unit(s). Please refer to Wiring Diagrams to determine the appropriate wire connections.

7. Insert 2 supplied AA batteries into the thermostat battery compartment.

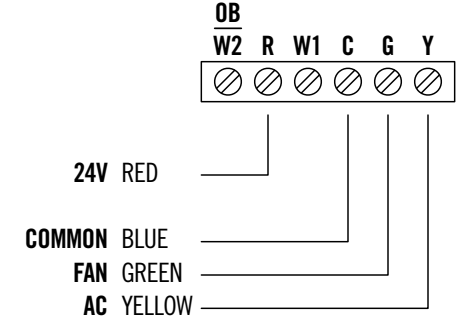
8. Align the pins on the back of the thermostat with the screw-terminals on the thermostat backplate and press firmly but gently to connect the thermostat with the backplate.

9. Turn on the electricity at the electrical service panel.

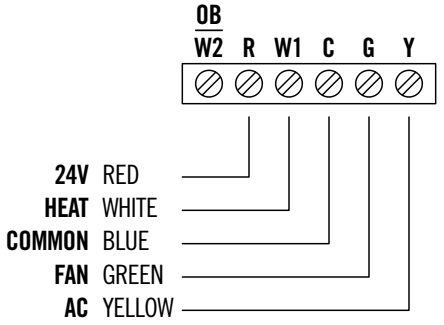
CONNECTING EXISTING WIRES TO A THERMOSTAT



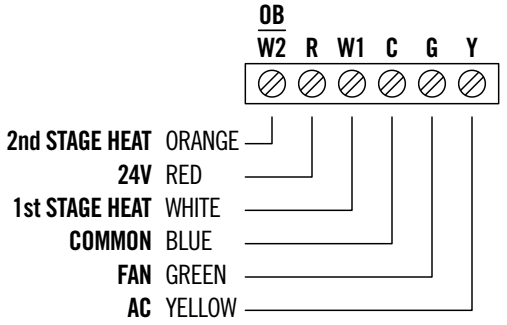
AIR CONDITIONER



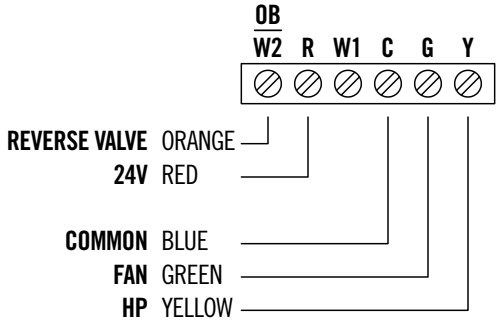
AIR CONDITIONER AND 1 STAGE HEAT



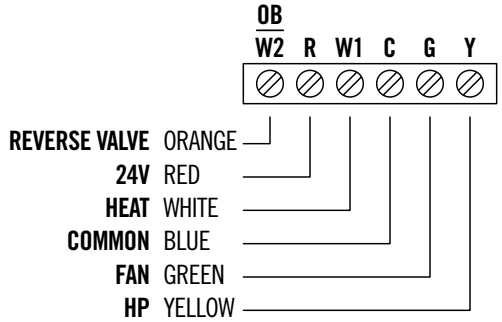
AIR CONDITIONER AND 2 STAGE HEAT



HEAT PUMP



HEAT PUMP AND 1 STAGE HEAT

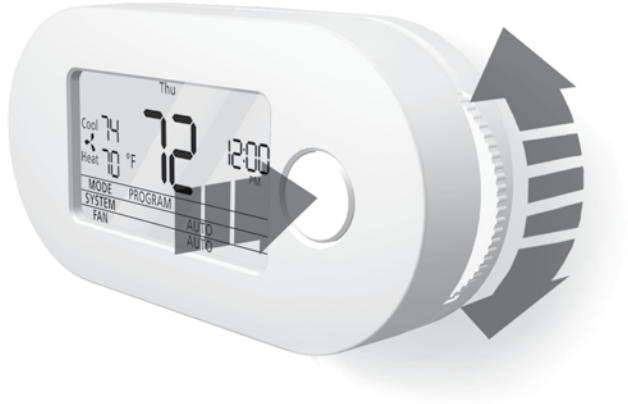


USING THE THERMOSTAT - SPIN-AND-CLICK

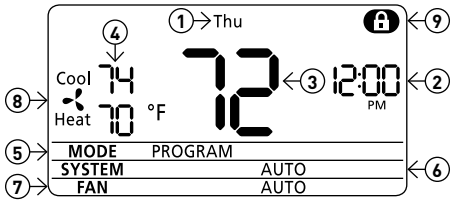
Climatouch™ "Spin-and-Click" features the intuitive interface that can recognize several distinct user inputs in order to access all of the thermostat features and menus.

"Spin-and-Click" interface can recognize the following inputs:

- Scroll-wheel CLOCKWISE SPIN
- Scroll-wheel COUNTER-CLOCKWISE SPIN
- Control-button CLICK
- Control-button HOLD
- Control-button RELEASE



USING THE THERMOSTAT - MAIN SCREEN



The MAIN SCREEN displays the following information:

1. Current Day

2. Current Time

3. Current Temperature

4. Temperature Set-Point(s)

5. Thermostat Operation Mode

6. Temperature Control Mode

7. Fan Operation Mode

8. Fan Operation Indicator

9. Security Setting Indicator

From the MAIN SCREEN you can:

- Change Temperature Set-Point(s)
- Select Thermostat Operation Mode
- Select Temperature Control Mode
- Select Fan Operation Mode
- Access Time and Date Settings
- Access Program Settings
- Access Backlight Settings

If the padlock indicator is displayed in top-right corner to indicate that the thermostat is protected from unauthorized use, you will first need to enter the 3-digit PIN in order to change any settings. The default PIN is 000.

The thermostat will temporarily unlock to allow you to make desired changes.

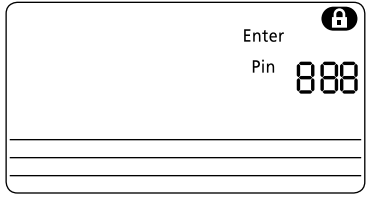
NOTE: The thermostat will automatically lock after 10 seconds if no input - SPINNING of the scroll-wheel of CLICKING of the control-button - is registered.

To enter PIN:

→ SPIN the scroll-wheel or CLICK the control-button until "Enter Pin" message appears on the screen.

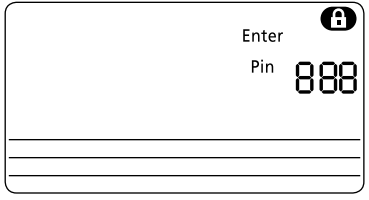
→ SPIN the scroll-wheel to select the first digit of the PIN.

→ CLICK the control-button to enter the first digit of the PIN and advance.



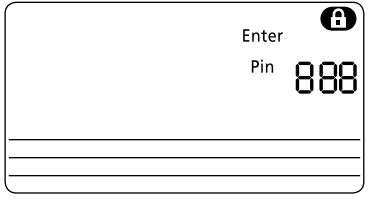
→ SPIN the scroll-wheel to select the second digit of the PIN.

→ CLICK the control-button to enter the second digit of the PIN and advance.



→ SPIN the scroll-wheel to select the third digit of the PIN.

→ CLICK the control-button to enter the third digit of the PIN and advance.



TEMPERATURE SET-POINT(S)

To change the temperature set-point, SPIN the scroll-wheel.

→ SPIN the scroll-wheel in counter-clockwise direction to raise the temperature set-point.

→ SPIN the scroll-wheel in clockwise direction to lower the temperature set-point.

In AUTO Temperature Control Mode you can change both HEAT and COOL set-points.

→ SPIN the scroll-wheel to change the default temperature set-point – the corresponding set-point indicator will flash.

→ CLICK the control-button to select the other set-point - the corresponding set-point indicator will flash.

→ SPIN the scroll-wheel to change the other set-point.

To change the DEFAULT set-point for the AUTO mode:

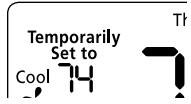
→ CLICK the control-button until the indicator for desired DEFAULT set-point (HEAT or COOL) is flashing.

→ Wait until the thermostat times-out (none of the indicators will flash).

Next time you SPIN the scroll-wheel, the selected DEFAULT set-point will change first.

If you change the temperature set-point while the thermostat is in the PROGRAM operation mode, a "Temporarily Set to" indicator will appear.

"Temporarily Set to" indicator indicates that the selected temperature set-points will remain in effect for 45 minutes if TEMPERATURE SETBACK TIMEOUT feature is enabled during the configuration or until the next program event begins, whichever comes first.



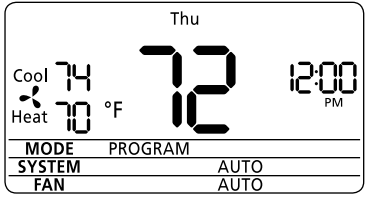
THERMOSTAT OPERATION MODES

Climatouch™ "Spin-and-Click" thermostat can operate in PROGRAM mode, HOLD a fixed temperature or be turned OFF.

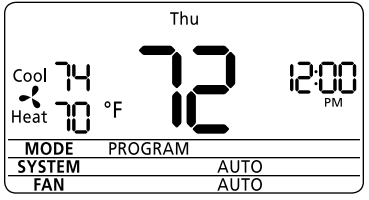
- **PROGRAM** - Initiates the PROGRAM SETTINGS with 4 independent events per day. To set up a temperature control program with custom temperature and fan operation mode changes, refer to PROGRAM SETTINGS section.
- **HOLD** - Regulates the room temperature as determined by the selected temperature control mode and temperature set-point(s).
- **OFF** – Thermostat does not control the HVAC system. The thermostat will continue to display current time, day and room temperature.

To select the thermostat operation mode:

→ CLICK the control-button until the "MODE" indicator starts to flash.



→ SPIN the scroll-wheel to select desired thermostat operation mode. The selected thermostat operation mode indicator will flash.



→ CLICK the control-button to confirm your selection.

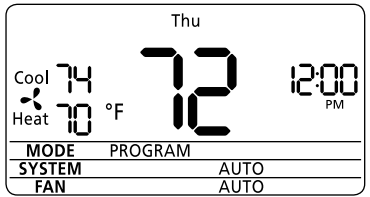
TEMPERATURE CONTROL MODES

Depending on the your HVAC system, the Climatouch™ "Spin-and-Click" thermostat can operate in one of the following temperature control modes:

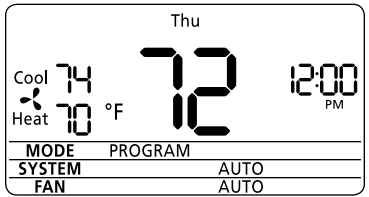
- **AUTO** - both cooling and heating HVAC units are used to keep the room temperature between the selected HEAT and COOL set-points.
- **COOL** - Only the air conditioning is used to regulate the room temperature.
- **HEAT** - Only the heating unit(s) is(are) used to regulate the room temperature.

To select the temperature control mode:

→ CLICK the control-button until the "SYSTEM" indicator starts to flash.



→ SPIN the scroll-wheel to select desired temperature control mode. The selected temperature control mode indicator will flash.



→ CLICK the control-button to confirm your selection.

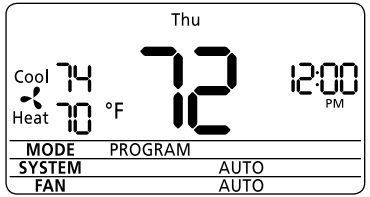
FAN OPERATION MODES

Climatouch™ "Spin-and-Click" thermostat can operate the fan in one of the following three fan operation modes:

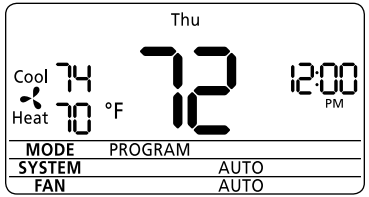
- **AUTO** - The fan runs only when there is a demand for heating or cooling.
- **ON** - The fan runs continuously
- **INTERMITTENT** - The fan runs 10 minutes per every 1/2 hour, providing a convenient way to improve air quality and save energy.

To select the fan operation mode:

→ CLICK the control-button until the "FAN" indicator starts to flash.



→ SPIN the scroll-wheel to select desired fan operation mode. The selected fan operation mode indicator will flash.



→ CLICK the control-button to confirm your selection.

When the fan is running, the animated fan indicator will appear on the MAIN SCREEN.

TIME AND DAY SETTINGS

If the Current Time digits are flashing, you must first set the time.

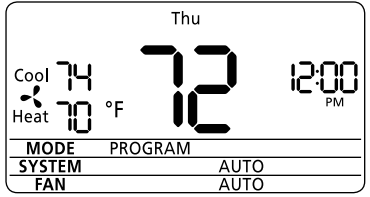
→ SPIN the scroll-wheel or CLICK the control-button to access the TIME SETTING screen with flashing time digits.

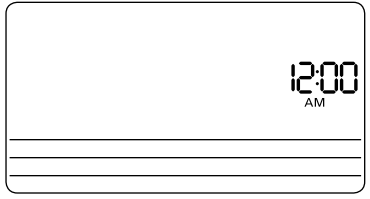
→ SPIN the scroll-wheel to set the current time

→ CLICK the control-button to confirm time setting and to proceed to current day settings screen.

→ SPIN the scroll-wheel to set the current day.

→ CLICK the control-button to confirm day setting and return to the MAIN SCREEN.





If you wish to change the time and day settings while the current time digits are not flashing:

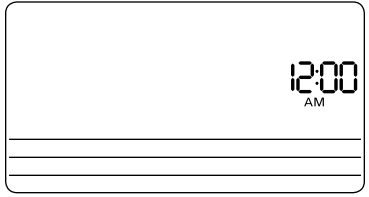
→ While on the MAIN SCREEN, HOLD the control-button until the screen with only flashing time digits appears and RELEASE the control-button

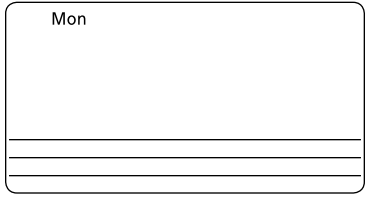
→ SPIN the scroll-wheel to set the current time

→ CLICK the control-button to confirm the time setting and to proceed to DAY SETTINGS screens. If you wish to return to the MAIN SCREEN without setting the current day, HOLD the control-button until the MAIN SCREEN appears

→ SPIN the scroll-wheel to set the current day

→ CLICK the control-button to confirm the day setting and return to the MAIN SCREEN.





PROGRAM SETTINGS

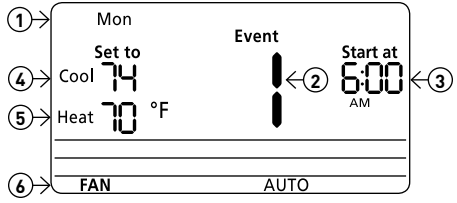
PROGRAM SETTINGS feature allows you to easily and quickly program daily temperature changes to fit your schedule and reduce energy consumption. You can customize the program with 4 temperature and fan operation change per day for each day of the week (Model CT0-7SC-721) or for weekdays and weekend (Model CT0-7SC-511).

To program the thermostat:

→ While on the MAIN SCREEN, HOLD the control-button until the PROGRAM SETTING screen appears.

→ RELEASE the control-button to begin setting the program.

The program settings screen displays the following information:



1. DAY(S) – day(s) to which the displayed settings are applied.

2. EVENT NUMBER – event of the day (1-4) to which the displayed settings are applied.

3. START AT TIME – time at which the displayed event will begin and the displayed settings will be applied.

4. COOL SET-POINT – the environment temperature point that will trigger a cooling cycle.

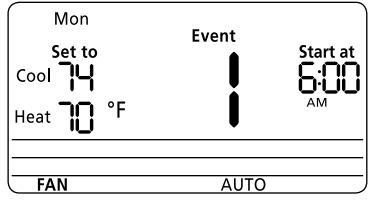
5. HEAT SET-POINT – the environment temperature point that will trigger a heating cycle.

6. FAN OPERATION MODE – the fan operation mode for the event.

To change the program settings:

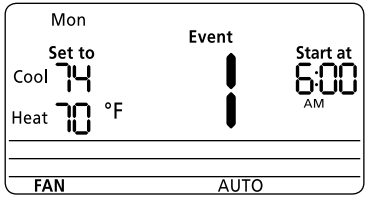
→ SPIN the scroll-wheel to select the day and event number you wish to program. The selected day and EVENT indicators will flash.

→ CLICK the control-button to confirm your choice and advance to START AT TIME setting.



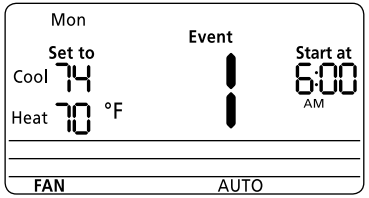
→ While "Start at" indicator is flashing, SPIN the scroll-wheel to select START AT time for the selected event.

→ CLICK the control-button to confirm START AT TIME and advance to COOL SET-POINT setting.



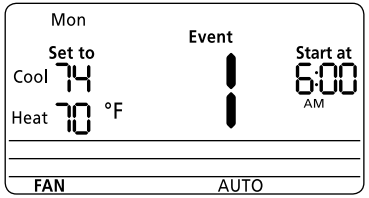
→ While the "Cool" indicator is flashing, SPIN the scroll-wheel to select the COOL SET-POINT for the event.

→ CLICK the control-button to confirm COOL SET-POINT and advance to HEAT SET-POINT setting.



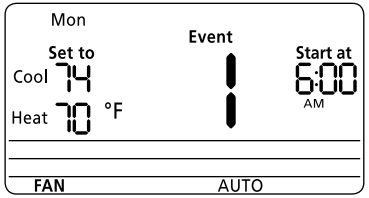
→ While the "Heat" indicator is flashing, SPIN the scroll-wheel to select the HEAT SET-POINT for the event.

→ CLICK the control-button to confirm HEAT SET-POINT and advance to FAN OPERATION MODE setting.

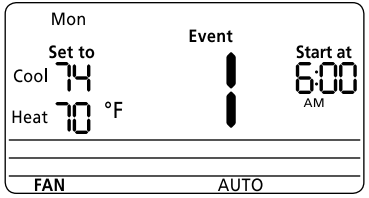


→ While the "FAN" indicator is flashing, SPIN the scroll-wheel to select the FAN OPERATION MODE for the event. The selected fan operation mode indicator will flash.

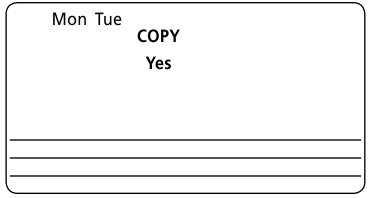
→ CLICK the control-button to confirm FAN OPERATION MODE and return to day and event selection.



→ While the day and "Event" indicators are flashing, SPIN the CLICK wheel to select the next event for which you wish to modify the settings and repeat the steps above.

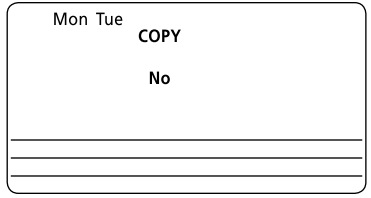


If you choose to modify program setting for another day of the week, the thermostat will prompt you to COPY the previously modified day settings to newly selected day.



→ SPIN the scroll-wheel to select YES or NO for the COPY option.

→ CLICK the control-button to confirm your choice.



If you select YES, all program settings from previously modified day will be copied to newly selected day. The thermostat will prompt you to COPY the settings to the next day.

If you select NO, follow the steps above to modify program settings.

Repeat the described procedure to program temperature and fan operation mode changes for the whole week.

→ HOLD the control-button to confirm program settings and return to the MAIN SCREEN.

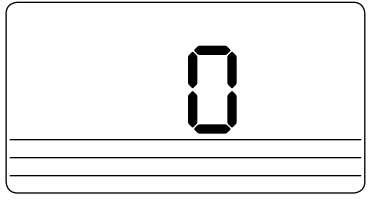
BACKLIGHT SETTINGS

Climatouch™ "Spin-and-Click" features a state-of-the-art LCD screen with Multicolor Backlight that shows the current HVAC status using different colors. You can customize the color for each HVAC status: IDLE, HEAT and COOL.*

Please note that if you are only using batteries to power the thermostat, Multicolor Backlight feature will automatically be disabled to save energy and extend battery life. You will not be able to access the BACKLIGHT SETTINGS screen.

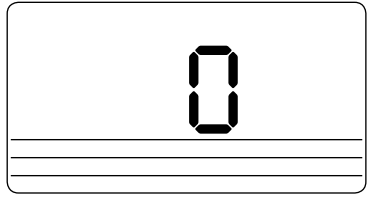
To customize the backlight colors on AC power only

→ While on the MAIN SCREEN, make sure that SYSTEM icon is not flashing and HOLD the control-button until the BACKLIGHT SETTINGS screen with a large "0" appears. RELEASE the control-button.



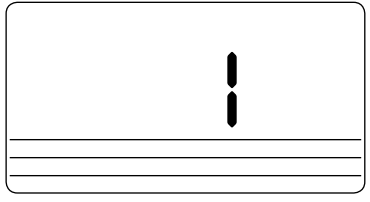
→ While "0" is displayed, SPIN the scroll-wheel until the LCD backlight turns to desired color for IDLE system status.

→ CLICK the control-button to select the color and advance to the next backlight color setting.



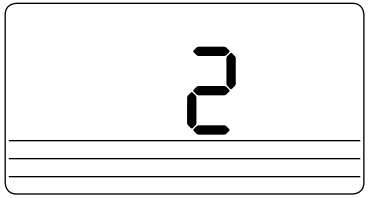
→ While "1" is displayed, SPIN the scroll-wheel until the LCD backlight turns to desired color for 1st stage HEAT.

→ CLICK the control-button to select the color and advance to the next backlight color setting.



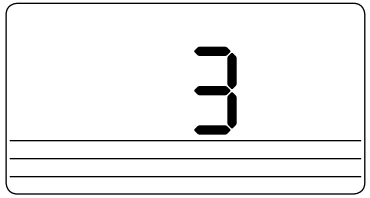
→ While "2" is displayed SPIN the scroll-wheel until the LCD backlight turns to desired color for 2nd stage HEAT. Please note that this setting is available only if your thermostat is configured to control 2nd stage heat.

→ CLICK the control-button to select the color advance to the next backlight color setting.



→ While "3" is displayed, SPIN the scroll-wheel until the LCD backlight turns to desired color for AIR CONDITIONING.

→ HOLD the control-button until the MAIN SCREEN appears



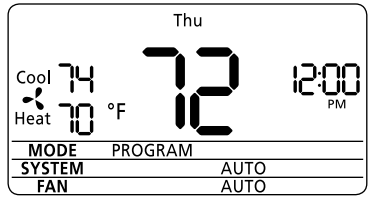
CONFIGURATION SETTINGS

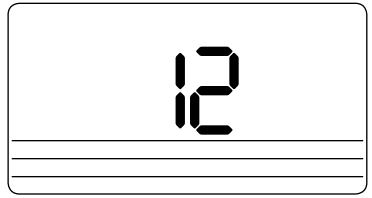
Climatouch™"Spin-and-Click" thermostat can control a variety of different HVAC systems. In order to ensure that the thermostat will properly operate your HVAC system, you must first properly configure the thermostat by accessing thermostat CONFIGURATION SETTINGS.

To configure the thermostat:

→ CLICK the control-button until the SYSTEM icon starts to flash.

→ HOLD the control-button until the first CONFIGURATION SCREEN with 2 large digits in the middle of the screen appears.





CONFIGURATION – SCREEN 1

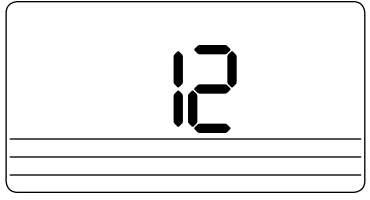
Select your HVAC system compressor type by spinning the scroll-wheel until desired setting is selected.

10 No Compressor

11 Heat Pump

12 Air Conditioning [DEFAULT SETTING]

CLICK the control-button to confirm your selection and access the next CONFIGURATION SCREEN.



CONFIGURATION – SCREEN 2

Select your HVAC system furnace type by spinning the scroll-wheel until desired setting is selected.

20 No Second Stage Heat

21 Electric Furnace [DEFAULT SETTING]

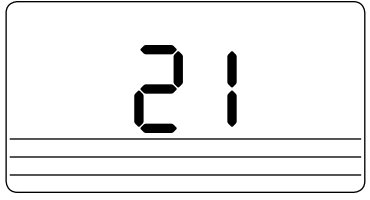
22 Oil Furnace

23 1-Stage Gas Furnace

24 2-Stage Gas Furnace (available only for installation without Heat Pump)*

25 2-Stage Electric Furnace (available only for installation without Heat Pump)*

CLICK the control-button to confirm your selection and access the next CONFIGURATION SCREEN.



CONFIGURATION – SCREEN 3

Select the 1ST STAGE DIFFERENTIAL setting by spinning the scroll-wheel until desired setting is selected.

1st Stage Differential is the difference between temperature set-point and actual temperature reading before 1st stage heating or cooling is initiated.

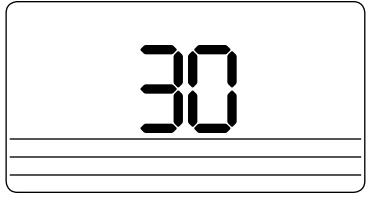
30 0.5°C / 1°F [DEFAULT SETTING]

31 1.0°C / 2°F

32 1.5°C / 3°F

33 2.0°C / 4°F

CLICK the control-button to confirm your selection and access the next CONFIGURATION SCREEN.



CONFIGURATION – SCREEN 4*

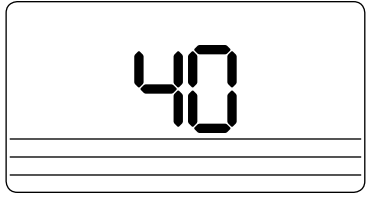
Select the 2nd STAGE DIFFERENTIAL setting by spinning the scroll-wheel until desired setting is selected.

2nd Stage Differential is the temperature difference between 1st stage heating initiation and 2nd stage heating initiation.

40 0.5°C / 1°F [DEFAULT SETTING]

41 1.0°C / 2°F

CLICK the control-button to confirm your selection and access the next CONFIGURATION SCREEN.



CONFIGURATION – SCREEN 5

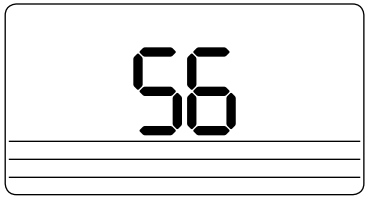
Select the Automatic Changeover differential setting by spinning the scroll-wheel until desired setting is selected.

Automatic Changeover differential is the minimum difference between Heat and Cool temperature setpoints in AUTO temperature control mode.

Climatouch™ recommends that the factory default be maintained for optimal performance.

CLICK the control-button to confirm your selection and access the next CONFIGURATION SCREEN.

- 50 1.0°C / 2°F
- 51 1.5°C / 3°F
- 52 2.0°C / 4°F
- 53 2.5°C / 5°F
- 54 3.0°C / 6°F
- 55 3.5°C / 7°F
- 56 4.0°C / 8°F [DEFAULT SETTING]
- 57 4.5°C / 9°F
- 58 5.0°C / 10°F



CONFIGURATION – SCREEN 6*

Select the OB VALVE setting by spinning the scroll-wheel until desired setting is selected.

Please consult your HVAC system component instruction manual to select the appropriate setting.

- 60 OB ENERGIZED COOL [DEFAULT SETTING]
- 61 OB ENERGIZED HEAT

CLICK the control-button to confirm your selection and access the next CONFIGURATION SCREEN.

CONFIGURATION – SCREEN 7*

Select the HP TIMER setting by spinning the scroll-wheel until desired setting is selected.

HP TIMER specifies the amount of time for which 1st Stage Heating will function until 2nd Stage Heating is forced on to help raise the temperature if the temperature set-point is not reached.

This unique feature avoids long compressor run periods and excess compressor wear in the case where the necessary temperature set-point is not met through Differential Setting.

70 Disabled [DEFAULT SETTING]

71 10 Minutes

72 20 Minutes

73 30 Minutes

74 40 Minutes

75 50 Minutes

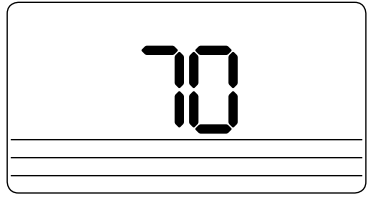
76 60 Minutes

77 70 Minutes

78 80 Minutes

79 90 Minutes

CLICK the control-button to confirm your selection and access the next CONFIGURATION SCREEN.



CONFIGURATION – SCREEN 8

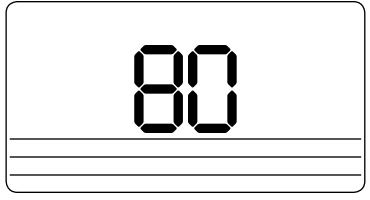
Select the TEMPERATURE SETBACK TIMEOUT setting by spinning the scroll-wheel until desired setting is selected.

When enabled, TEMPERATURE SETBACK TIMEOUT reverts back the temperature setpoint to PROGRAM mode setting after 45 minutes since the temperature setpoint(s) has(have) been changed while the thermostat is in the program mode.

80 Disabled [DEFAULT SETTING]

81 Enabled

CLICK the control-button to confirm your selection and access the next CONFIGURATION SCREEN.



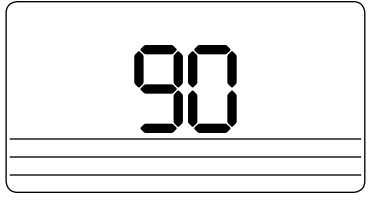
CONFIGURATION – SCREEN 9

Select the temperature unit setting by spinning the scroll-wheel until desired setting is selected.

90 °F (Fahrenheit) [DEFAULT SETTING]

91 °C (Celsius)

CLICK the control-button to confirm your selection and access the next CONFIGURATION SCREEN.



CONFIGURATION – SCREEN 10*

Select the HEAT PUMP RECOVERY MODE setting by spinning the scroll-wheel until desired setting is selected.

HEAT PUMP RECOVERY MODE - turns on the heat pump in the PROGRAM mode and ignores the furnace for selected period of time regardless of the differential settings. If the temperature setpoint has not been reached within the selected amount of time, then the 2nd stage furnace will turn on.

-0 Disabled [DEFAULT SETTING]

-1 10 Minutes Advance

-2 20 Minutes Advance

-3 30 Minutes Advance

-4 40 Minutes Advance

-5 50 Minutes Advance

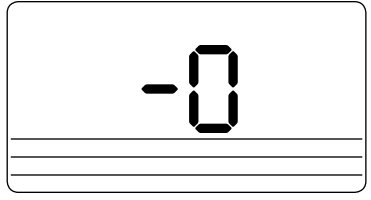
-6 60 Minutes Advance

-7 70 Minutes Advance

-8 80 Minutes Advance

-9 90 Minutes

CLICK the control-button to confirm your selection and access the next CONFIGURATION SCREEN.



CONFIGURATION – SCREEN 11

Select the MAXIMUM NUMBER OF COMPRESSOR CYCLES PER HOUR setting by spinning the scroll-wheel until desired setting is selected.

Climatouch™ recommends that the factory default be maintained for optimal performance.

A0 0 Cycles

A1 1 Cycle

A2 2 Cycles

A3 3 Cycles

A4 4 Cycles

A5 5 Cycles

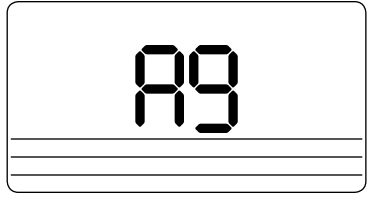
A6 6 Cycles

A7 7 Cycles

A8 8 Cycles

A9 9 Cycles [DEFAULT SETTING]

CLICK the control-button to confirm your selection and access the SECURITY SETTINGS.



SECURITY SETTINGS

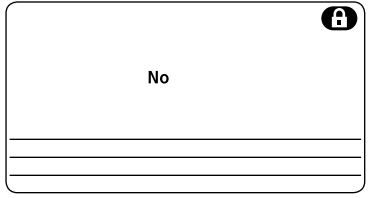
Climatouch™ "Spin-and-Click" thermostat can be protected from unauthorized use with a custom 3-digit PIN.

→ SPIN the scroll-wheel to select the SECURITY SETTING.

NO – the thermostat will not be protected from an unauthorized use.

→ CLICK the control-button to confirm your selection and go to the MAIN SCREEN.

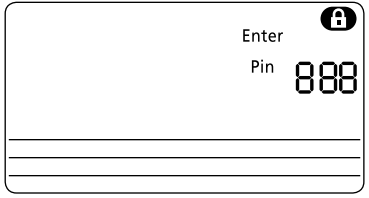
YES – the thermostat will be protected from an unauthorized use with a custom 3-digit PIN.



If you select YES, the thermostat will prompt you to enter PIN. The default PIN is 000.

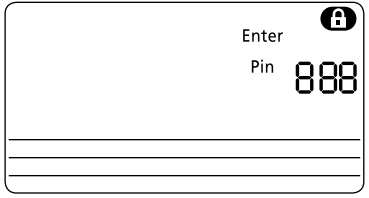
→ SPIN the scroll-wheel to select the first digit of the PIN.

→ CLICK the control-button to enter the first digit of the PIN and advance.



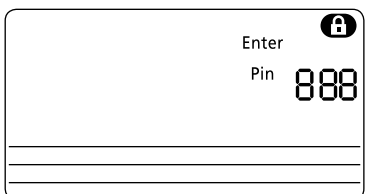
→ SPIN the scroll-wheel to select the second digit of the PIN.

→ CLICK the control-button to enter the second digit of the PIN and advance.



→ SPIN the scroll-wheel to select the third digit of the PIN.

→ CLICK the control-button to enter the third digit of the PIN and advance.



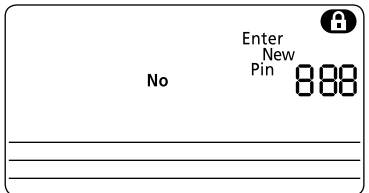
The thermostat will prompt you to choose a new PIN.

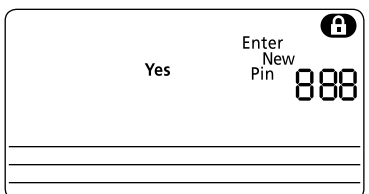
→ SPIN the scroll-wheel to select YES or NO.

→ CLICK the control-button to confirm your selection and advance.

If you select NO, you will return to the MAIN SCREEN and the thermostat will be protected from unauthorized use with a 3-digit PIN. The padlock indicator will be appear in top-right corner to indicate that the thermostat is protected from unauthorized use.

If you select YES, the thermostat will prompt you to enter the OLD PIN. Follow the PIN entering procedure describe above to enter the OLD PIN.





The thermostat will then prompt you to enter the NEW PIN. Follow the PIN entering procedure describe above to enter the NEW PIN.

NEW PIN will flash on screen.

You will return to the MAIN SCREEN and the thermostat will be protected from unauthorized use with a 3-digit PIN. The padlock indicator will be appear in top-right corner to indicate that the thermostat is protected from unauthorized use.

NOTE: After configuring the thermostat, the thermostat will be in the OFF mode and will not control the HVAC system. To begin controlling the temperature, change the thermostat operation more to PROGRAM or HOLD.

REPLACING THE BATTERIES

Climatouch™ "Spin-and-Click" thermostat uses 2 AA batteries for memory back-up and back-up power. To ensure optimal performance of the thermostat, replace the batteries at least once every two years. Use only brand name batteries to avoid battery leakage and voiding the warranty.

To replace the batteries:

→ Pull the thermostat away from the wall to separate it from the thermostat backplate.

→ Remove 2 AA batteries from the thermostat battery compartment.

→ Insert 2 new AA batteries into the thermostat battery compartment.

→ Align the pins on the back of the thermostat with the screw-terminals on the thermostat backplate and press firmly but gently to connect the thermostat with the thermostat backplate.

* Available only on model CT0-7SC-721

I forgot my PIN

→ Pull the thermostat away from the wall to separate it from the thermostat backplate.

→ If the batteries are installed, remove 2 AA batteries from the thermostat battery compartment.

→ CLICK and HOLD the control-button.

→ If you are using batteries for back-up power, while holding the control-button, insert 2 AA batteries back into the thermostat battery compartment and align the pins on the back of the thermostat with the screw-terminals on the thermostat backplate and press firmly but gently to connect the thermostat with the thermostat backplate.

→ If you are not using batteries for back-up power, while holding the control-button, align the pins on the back of the thermostat with the screw-terminals on the thermostat backplate and press firmly but gently to connect the thermostat with the thermostat backplate.

→ Release the control-button.

NOTE: The PIN will be reset to “000”. All other thermostat settings will remain unchanged so you can continue to use your thermostat without any further configuration.

WARRANTY

Hardware
AED Electronics, Inc. warrants the original end user ("Customer") that new Climatouch™ branded products will be free from defects in workmanship and materials, under normal use, for two (2) years from the original purchase date.

Software
AED Electronics, Inc. warrants to Customer that the Climatouch™ thermostat software will perform in substantial conformance to its program specifications for a period of two (2) years from the date of the original purchase.

Exclusions
This warranty excludes (1) physical damage to the surface of the product, including cracks or scratches on the touchscreen or outside casing; (2) damage caused by misuse, neglect, improper installation, unauthorized attempts to open, repair, or modify the product, or any other cause beyond the range of intended use; (3) damage caused by accident, fire, power changes, other hazard, or Acts of God; or (4) use of the product with any device if such device causes the problem.

Exclusive Remedies
Should a covered defect occur during the warranty period and Customer notifies AED Electronics, Inc., Customer's sole and exclusive remedy will be, at AED Electronics, Inc.'s sole option and expense, to repair or replace the product. Replacement products or parts may be new or reconditioned or a comparable version of the defective item. AED Electronics, Inc. warrants any replaced product or part for a period of ninety (90) days from shipment, or through the end of the original warranty, whichever is longer.

Obtaining Warranty Service
Customer must contact and return product to a local AED Electronics, Inc. product dealer or installer within the applicable warranty period to obtain warranty service. Dated proof of original purchase will be required. AED Electronics, Inc. will not be responsible for Customer's memory data contained in, stored on, or integrated with any products returned to AED Electronics, Inc. for repair, whether under warranty or not.

Warranty Exclusive
THE FORGOING WARRANTIES AND REMEDIES ARE EXCLUSIVE AND IN LIEU OF ALL OTHER WARRANTIES, EXPRESS OR IMPLIED, INCLUDING WARRANTIES OF MERCHANTABILITY, FITNESS FOR A PARTICULAR PURPOSE, CORRESPONDENCE WITH DESCRIPTION, AND NON-INFRINGEMENT, ALL OF WHICH ARE EXPRESSLY DISCLAIMED BY AED Electronics, Inc. AND ITS SUPPLIERS.

Disclaimer
NEITHER AED Electronics, Inc. NOR ITS SUPPLIERS SHALL BE LIABLE FOR INCIDENTAL, CONSEQUENTIAL, INDIRECT, SPECIAL, OR PUNITIVE DAMAGES OF ANY KIND, OR FINANCIAL LOSS ARISING OUT OF OR IN CONNECTION WITH THE SALE OR USE OF THIS PRODUCT, WHETHER BASED IN CONTRACT, TORT (INCLUDING NEGLIGENCE) OR ANY OTHER THEORY, EVEN IF AED Electronics, Inc. HAS BEEN ADVISED OF THE POSSIBILITY OF SUCH DAMAGES. AED Electronics, Inc.'S ENTIRE LIABILITY SHALL BE LIMITED TO REPLACEMENT OR REPAIR OF THE PRODUCT.

HVAC COMPATIBILITY

Single Stage Heating and Cooling	✔
Multistage Heating and Cooling*	✔
Heating Only	✔
Cooling Only	✔
Furnace (Gas, Oil, Electric, Hydronic)	✔
Central Air Conditioning	✔
Heat Pump	✔
Heat Pump with Auxiliary Heat*	✔

PHYSICAL DIMENSIONS

Case: 5.5" x 2.75" x 1"
Screen: 2.75" x 1.5"

ELECTRICAL RATING

24 volt AC/DC Class 2, Maximum 4 amps

ACCURACY RATING

Temperature Accuracy +/-1°F

TECHNICAL SUPPORT

1-866-90TOUCH (1-866-908-6824)

AED Electronics Inc.
5758 Royalmount Ave., Montreal, QC, H45 1K5, Canada
www.CLIMATOUCH.com

PATENTS PENDING

Climatouch