TRUE TOUCH-SCREEN THERMOSTAT

RUN PROG
AUTO
FAN AUTO

82°

48%

70°F

HEAT 67.0   COOL 70.0
01/27/07   12:33PM
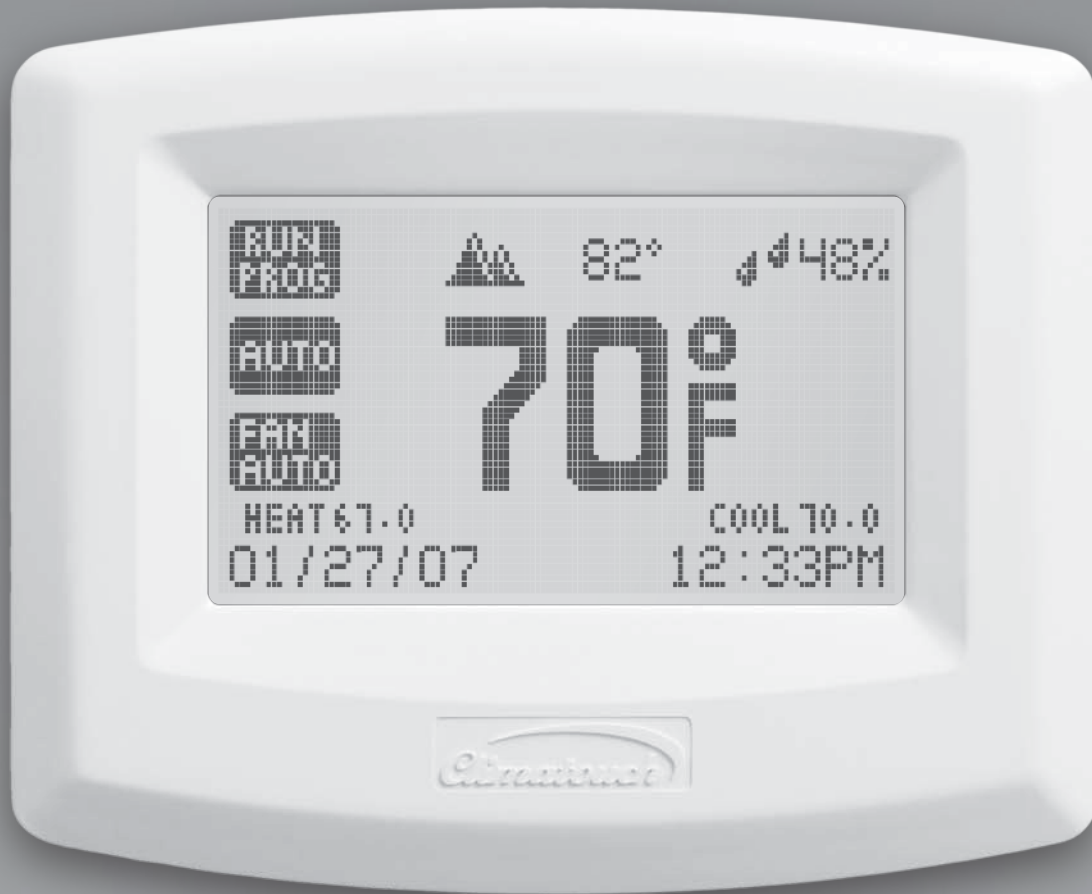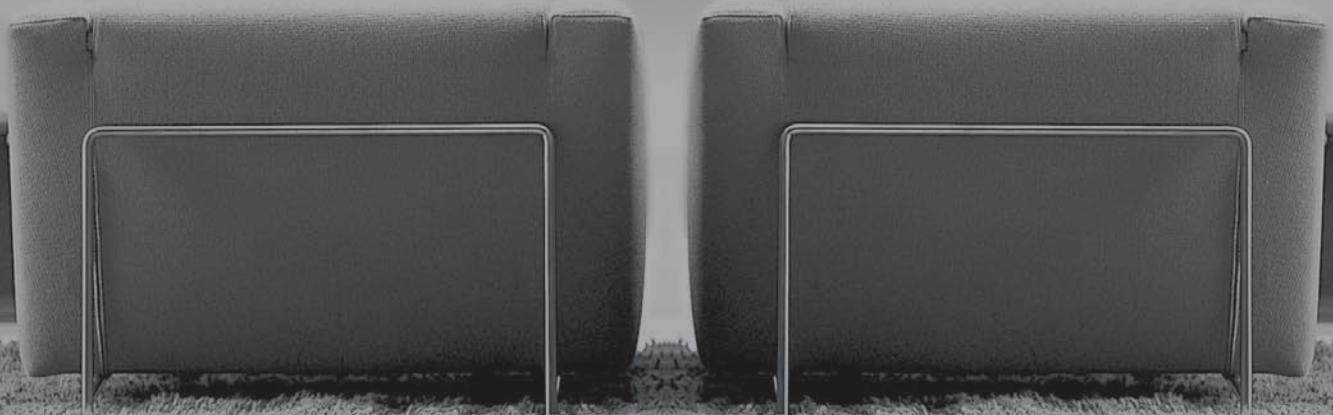
COMFORT CONVENIENCE CONTROL

Climatouch™ is a true touch-screen operated thermostat with an intuitive graphic user interface. Its revolutionary features and environmental comfort controls are conveniently accessible with the touch of a finger. Climatouch™ makes it possible to easily configure and operate any HVAC system with simplicity and precision.   *2-YEAR WARRANTY*

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Climatouch

UNIQUE FEATURES

LARGE, TRUE DOT-MATRIX TOUCH-SCREEN with adjustable contrast, automatic or permanent backlight and scratch resistant, easy-to-clean, screen surface.

7 DAY PROGRAMMABLE with 4 events per day and programmable temperature set-point and fan mode for each event. An easy-to-use COPY option for each day makes Climatouch™ the easiest thermostat to program.

OUTDOOR WIRELESS TEMPERATURE TRANSMITTER allows Climatouch™ thermostats to accurately display the outdoor temperature and enables dual fuel and automatic humidity capability.[2]

ENERGY WATCH, patented feature, monitors kWh consumption of the compressor, furnace and fan and calculates the actual dollar cost of operating the HVAC system.

FILTER MONITOR feature assures highest level of air quality by indicating to the user to change the air filter at regular intervals.

VACATION MODE puts HVAC system into an energy efficient mode during vacation period to allow users to save energy while away without having to compromise comfort upon return.

SIMPLE MODE allows switching to a non-programmable thermostat with easy to read display and basic temperature and fan control options. Patented technology allows for quick return to a programmable thermostat without having to re-program the thermostat.

INSTALLER MESSAGE feature displays custom messages, such as scheduled maintenance or installer contact information, at programmable intervals.

SECURITY feature prevents operating the thermostat without entering a custom 4-digit PIN. FULL LOCK mode prevents accessing any control options or settings. PARTIAL LOCK only allows changes to temperature set-point without entering the password.

AUTOMATIC TEMPERATURE MODE with smart logic algorithm automatically turns on heating or cooling to maintain temperature at the selected set-point.

AUTOMATIC HUMIDITY controls indoor humidity by measuring indoor and outdoor temperature and uses smart logic algorithm to maintain a balanced environment, eliminate destructive condensation and improve comfort.[1,2]

DUAL FUEL SWITCH CAPABILITY allows Climatouch™ thermostats to operate dual-fuel HVAC systems and simultaneously deliver ultimate comfort and energy efficiency.[1,2]

[1]Certain Models Only [2]Requires Wireless Outdoor Temperature Transmitter and Receiver Kit (90064)

CT0-7TC-21

2 Heating and 1 Cooling with Dual Fuel Switch
Perfect for most straightforward residential and commercial installations that require up to 2 heating and 1 cooling control stages.

CT0-7TC-32

3 Heating and 2 Cooling with Dual Fuel Switch
The ideal choice for typical multi-stage installations that don't require humidity control.

CT0-7TC-32H

3 Heating and 2 Cooling with Humidistat
Perfect for multistage installations with humidity control. Equipped with state-of-the-art humidity sensor and controller with 2 separate and configurable relays that control humidification or de-humidification.

CT0-7TC-32ADH

3 Heating and 2 Cooling with Automatic Humidity and Dual Fuel Switch
The ultimate solution for multistage installations with a unique automatic humidity feature that maintains a balanced indoor humidity, eliminates destructive condensation and improves comfort.[2]

CT0-7TC-2W

2 Heating and 1 Cooling with HVAC Control Board – 2 Wire
Ideal for after market installations where only 2 wires are available or where a common wire is not available. Compatible with both hydronic and zone systems and perfect for use on hot water/boiler systems, oil or gas furnaces.
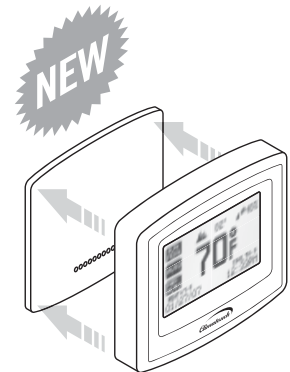
90064

Wireless Outdoor Temperature Transmitter and Receiver Kit 300ft RANGE
Accurately displays current outdoor temperature on the Climatouch™ thermostat and enables dual fuel and automatic humidity capability.

THE KIT INCLUDES:
• **Transmitter**
• **Antenna,**
• **Receiver Module**
• **2 Batteries**

NEW

Climatouch™ thermostats now have a removable backplate that facilitates the installation and allows removing the thermostat and storing it at a safe location without losing any settings.

	CT0-7TC-21	CT0-7TC-32	CT0-7TC-32H	CT0-7TC-32ADH	CT0-7TC-2W
Dot-Matrix LCD Touch-Screen	✔	✔	✔	✔	✔
Heating Stages	2	3	3	3	2
Cooling Stages	1	2	2	2	1
7-Day Programmable	✔	✔	✔	✔	✔
Automatic Temperature Mode	✔	✔	✔	✔	✔
Humidity Control	✗	✗	✔	✔	✗
Automatic Humidity Mode	✗	✗	✗	✔	✗
Dual-Fuel Switch	✔	✔	✗	✔	✗
Outdoor Temperature Display	✔	✔	✔	✔	✗
Removable Backplate	✔	✔	✔	✔	✗

HVAC COMPATIBILITY

Single Stage Heating and Cooling	✔
Multistage Heating and Cooling[1]	✔
Heating Only	✔
Cooling Only	✔
Furnace (Gas, Oil, Electric, Hydronic)	✔
Central Air Conditioning	✔
Heat Pump	✔
Heat Pump with Auxiliary Heat	✔
Dual Fuel[1]	✔

PHYSICAL DIMENSIONS
Case: 5.75" x 4.75" x 1.25"
Screen: 3.625" x 2.125"

ELECTRICAL RATING
24 volt AC/DC Class 2, Maximum 4 amps

ACCURACY RATING
Temperature Accuracy +/-1°F degree
Humidity Accuracy +/- 5%RH

PATENTS:
7,185,825; 7,156,318; 7,145,110; 7,050,026;
7,028,912; 6,902,117; 6,786,421;
Other Patents Pending

ENERGY STAR

FC

Climatouch

Touch-Screen Thermostats COMPARISON CHART

FEATURES	Climatouch™	Competition
Large, true dot-matrix touch-screen	✔	✘
Backlit screen - on-demand or continuous	✔	✔
Adjustable touch-screen contrast	✔	✘
Positive or negative screen display - on-demand or continuous	✔	✘
Patented NIGHT REVERSE feature automatically switches the screen to negative display at night	✔	✘
Scratch resistant, easy-to-clean, touch-screen	✔	✔
Intuitive menu-driven user-interface with virtual buttons	✔	✘
Temperature display in °F or °C	✔	✔
Outdoor temperature display[2]	✔	✘
12 / 24 hour clock and date display	✔	✘
Automatic daylight saving time	✔	✘
3 independent, programmable, fan operation modes FAN ON / FAN AUTO / FAN INTERMITTENT	✔	✘
FAN INTERMITTENT mode runs the fan for 10 minutes every half-hour	✔	✘
7 day programmable with 4 events per day	✔	✔
Programmable temperature set-point for each event	✔	✔
Programmable fan mode for each event	✔	✘
COPY option between days in Program Settings menu	✔	✘
HOLD TEMPERATURE mode	✔	✔
Automatic temperature control with automatic HEAT/COOL changeover	✔	✔
Humidity display and control capabilities[1]	✔	✘
2 separate, configurable humidity relays that control humidification or de-humidification[1]	✔	✘
Automatic humidity control[12]	✔	✘
Patented ENERGY WATCH feature calculates kWh of use and total dollar cost of operating HVAC system	✔	✘
Programmable FILTER MONITOR feature that indicates when to change the air filter	✔	✔
Programmable INSTALLER MESSAGE feature that displays a custom message at a programmable interval	✔	✘
Energy efficient VACATION MODE	✔	✔
Full and Partial Lock SECURITY MODE with custom password	✔	✘
Patented SIMPLE MODE that allows switching to a non-programmable thermostat mode with easy-to-read display and basic temperature and fan control options	✔	✘
User-friendly setup with descriptive system configuration menu	✔	✘
System-specific user interface displays only control options that are available with the current system configuration	✔	✘
Adjustable Dead Band for automatic temperature mode	✔	✔
Adjustable differential settings for multistage installation	✔	✔
Ability to turn off the heat pump when the furnace is on in order to prevent the damage to the heat pump in after-market installations where the heat pump is installed after the furnace	✔	✘
Dual Fuel switch[12]	✔	✔
Storing of all user settings in a permanent, non-volatile, non-battery dependent memory	✔	✘

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