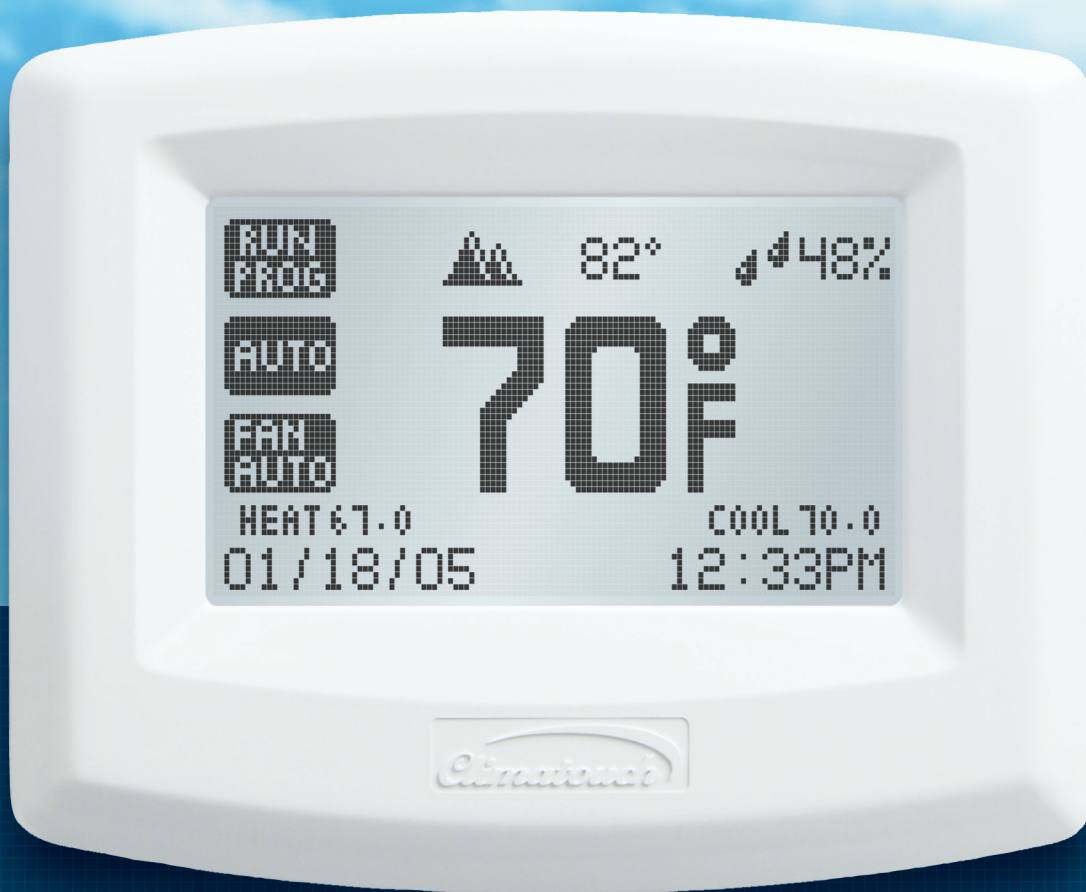


**2-Year Warranty**

**COMFORT**

**CONTROL**

**CONVENIENCE**



PRINTED IN CANADA



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.

[www.climatouch.com](http://www.climatouch.com)

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# Climatouch™ TECHNICAL SPECIFICATIONS

## **CTO-7TC-21 » 2 Heating and 1 Cooling**

Perfect for many straightforward residential and commercial installations.

## **CTO-7TC-32 » 3 Heating and 2 Cooling**

The ideal choice for multi-stage installations – also can be used with a HRV or ERV, providing convenience and comfort in one thermostat.

## **CTO-7TC-32H » 3 Heating and 2 Cooling with Humidistat**

Climatouch™ is the only true touch screen thermostat equipped with a humidity sensor and controller, providing control convenience in one package. 2 separate configurable relays provide control of humidification or de-humidification, maximizing home comfort.

**Humidify** - Enables fan for steam type humidifiers, disables fan for drum type humidifiers.

**De-humidify** - Variable fan-speed de-humidification or control a separate de-humidifier.

## **CTO-7TC-32AD » 3 Heating and 2 Cooling with Humidistat featuring Automatic Humidity Control and Dual Fuel Switch**

**Automatic Humidity Control** - Outdoor temperature is measured and transmitted to the thermostat, indoor humidity and temperature information is measured utilizing state of the art humidity and temperature sensors located within the thermostat. Using a humidity algorithm the environment is effectively maintained, eliminating destructive condensation problems and maintaining a higher level of comfort. This feature can only be used in conjunction with the Wireless Outdoor Temperature Transmitter and Receiver Kit.

**Automatic Fossil Fuel Switch - Dual Fuel Capacity** - This Advanced Settings feature allows the installer to set an outdoor temperature set point (between +13°F to +41°F). When the outdoor set point temperature is reached the thermostat will automatically divert any call to heat pump to the AUX heat system. This feature can only be used in conjunction with the Outdoor Wireless Temperature Transmitter and Receiver Kit.

## **CTO-7TC-2W » 2 Heating and 1 Cooling with HVAC Control Board - 2 Wire**

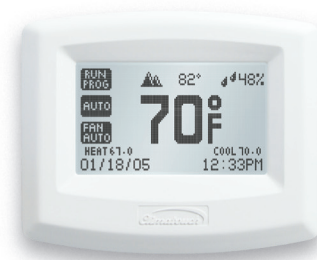
The solution for after market installations where a common wire is not available – compatible with hydronic and zone systems. Perfect for use on hot water/boiler systems, oil or gas furnaces.

## **90064 » Wireless Outdoor Temperature Transmitter and Receiver Kit**

Accurately displays outdoor temperature on the Climatouch™ thermostat. Robust 915 MHz spread spectrum technology ensures accurate transmission between the Transmitter and the Receiver.

The kit includes:

- » Wireless Outdoor Temperature Transmitter
- » Antenna
- » Receiver Module
- » 2 Batteries



### Compatibility Chart

Gas, Oil, Electric, Heat Pump, Air Conditioning and Multistage HVAC Systems (3 heating + 2 cooling)

|                                  |   |
|----------------------------------|---|
| Single Stage Heating and Cooling | ✓ |
| Multistage Heating and Cooling   | ✓ |
| Heating Only                     | ✓ |
| Cooling Only                     | ✓ |
| Furnace (Warm Air)               | ✓ |
| Central Air Conditioning         | ✓ |
| Heat Pump with Auxiliary Heat    | ✓ |
| Heat Pump without Auxiliary Heat | ✓ |

### Physical Dimensions

|          |   |
|----------|---|
| Case:    | 5.75" x 4.75" x 1.25"<br>(145mm x 120mm x 30mm) |
| Display: | 3.625" x 2.125"<br>(95mm x 55mm)                |

### Electrical Rating

24 volt AC/DC  
Class 2 maximum 4 amps  
Temperature Accuracy +/-1°F degree  
Humidity Accuracy +/- 5%RH

### Patents

7,058,477; 7,050,026; 7,028,912;  
6,902,117; 6,824,069; 6,789,739;  
6,786,421; 6,619,555; 6,581,846;  
Other Patents Pending



FCC ID: RAN 90064  
FCC ID: RAN 90164fcc  
INDUSTRY CANADA IC: 2294A-90064  
INDUSTRY CANADA IC: 2294A-90164



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