Quick Start Guide

INSTEON® Thermostat
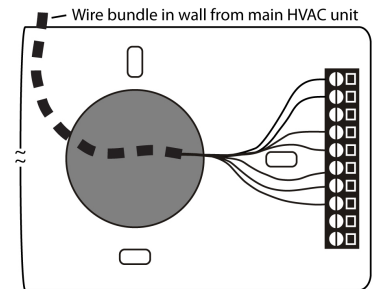Models: 2732-222, 2732-422, 2732-522

About INSTEON Thermostat

- Confirm your existing system does not have a heat pump
- Confirm your system has 4 or 5 wires (if 4 wires, you'll need an "add-a-wire" adapter)
- Installation should only be performed by a qualified HVAC technician or a homeowner who is familiar and comfortable with electrical circuitry. If you have questions, consult an HVAC Technician or call the INSTEON Support Line at 866-243-8022.
- Tools needed: flathead screwdriver and wire cutter/stripper
- Add zone control to the system by adding INSTEON Wireless Thermostats

Installation

1) **Do not remove wires from existing thermostat until instructed to do so**
2) If you have A/C, turn off A/C breaker
   a. Confirm A/C is off by turning on air and observing that compressor/fan does not come on
3) Turn off breaker/fuse to furnace
   a. If thermostat has no power, proceed to step 4
   b. Try to turn on heat. If it does not come on, proceed to step 4.
   c. Otherwise, turn off heat and wait until furnace fan stops. Turn off other breakers until heat no longer runs.
4) Remove cover from thermostat to gain access to wires (may need to detach from wall)
5) If necessary, take photo of wiring connections to help with reconnections
6) If possible, while still connected, attach "C" label to wire connected to "C" on thermostat
7) Disconnect your C wire from thermostat. Label wire if necessary
8) Repeat steps 6 and 7 for all remaining wires
9) Remove existing thermostat backplate from wall
10) Remove 3" of outer jacket covering bundle of wires (jacket cannot remain inside INSTEON Thermostat or device may malfunction). If you cannot get individual wires to extend 3" beyond outer jacket, you will need to splice on extension wires.)
11) Slide wires (but not outer jacket) through black draft shield grommet
12) Mount INSTEON Thermostat to wall
13) Insert C wire into terminal C and tighten.
14) Repeat for other wires matching terminal designations
15) Close front of INSTEON Thermostat onto back mounting plate until you hear a click
16) Turn on breaker(s)
17) After a few seconds INSTEON Thermostat will display ambient temperature
   If INSTEON Thermostat displays a two-digit error code, open unit and tap reset button. Close unit and wait a few seconds as it restarts. If problem persists, call the INSTEON Support Line at 866-243-8022.

Wire bundle in wall from main HVAC unit

Getting Started

Button Name	Button Function
Up arrow	Adjust heat, cool or both setpoints up 1°.
Down arrow	Adjust heat, cool or both setpoints down 1°.
Mode	Cycle between modes (Heat, Cool, Auto, Time of Day and Off).
Set	Adding and removing INSTEON Thermostat to and from INSTEON scenes
Program	Adjust preprogrammed scenes (Wake, Leave, Return and Sleep).
Time/Sensor	Adjust clock settings.
Master	Press and hold to set as the "active" thermostat (with one or more INSTEON Wireless Thermostats).
Fan	Cycle between fan-always and fan-auto.
Hold	Lock current settings (until tapped again or INSTEON release command).
Energy (Leaf)	Save energy by dropping heat and cool setpoints by 4° (adjustable).

Set Clock

1) Tap Time/Sensor button. *Hours will blink.*
2) Tap up/down arrows until current hour and AM/PM are shown
3) Tap Time/Sensor again. *Minutes will blink.*
4) Tap up/down arrows until current minutes are shown
5) Tap Time/Sensor again. *Day will blink.*
6) Tap up/down arrows until current day is shown
7) Tap Mode to exit

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Set Heat and Cool Temperatures

Heating
1) Press Mode button once to enter heat mode
2) Tap up arrow several times until heat setpoint is 2° above ambient
    INSTEON Thermostat will call for heat and "Heat" will change to "Heating" and flash briefly.
3) Confirm proper function by letting your furnace to operate long enough to begin blowing warm air
4) Tap up/down arrows until you reach a desirable heat setpoint

Cooling
1) Wait until at least six minutes have passed since furnace was heating
2) Tap mode button a second time to enter Cool mode
3) Tap down arrow several times until cool setpoint is 2° below ambient
    INSTEON Thermostat will call for cooling and "Cool" will change to "Cooling" and flash briefly
4) Confirm proper function by letting A/C operate long enough to begin blowing cool air
5) Tap up/down arrows until you reach a desirable cool setpoint

Auto Mode
1) Tap Mode button until Auto appears.
    Heat and cool setpoints are as set in previous steps
2) Tap up once to increase both heat and cool setpoints by 1°
3) Tap down once to decrease both heat and cool setpoints by 1°
4) As desired, tap Mode button a third time to cycle to Time of Day mode (see Owner's Manual for instructions) and a fifth time to cycle back to Off mode

Make INSTEON Thermostat a Controller

INSTEON Thermostat can control other INSTEON devices or trigger software events when there is a change. The following INSTEON Thermostat changes can be set up as a controller:
- Group 1 - Cooling mode change (scene control)
- Group 2 - Heating mode change (scene control)
- Group 3 - Humidification, high humidity setpoint (scene control)
- Group 4 - Dehumidification, low humidity setpoint (scene control)

1) Press and hold INSTEON Thermostat set button until it beeps
    LED will start blinking green
2) Tap up/down arrows to add to a Scene to Group 1 through 4 (default setting = Cooling mode, Group 1)
3) Adjust scene responder to the state you want when scene is activated from INSTEON Thermostat (e.g. 50%, 25% or even off)
4) Press and hold responder set button until unit double-beeps and/or LED flashes
    INSTEON Thermostat will double-beep and its LED will stop blinking
5) Test by tapping INSTEON Thermostat mode button to chosen scene (i.e. Heat or Cool mode)
    Each time mode selected in step 2 becomes active, responder will turn on (or off)

Make INSTEON Thermostat a Responder

1) Set INSTEON Thermostat to desired state (mode, setpoint, fan state and energy button state)
2) Press and hold controller set button until it beeps (or LED flashes)
    Controller LED will start blinking
3) Press and hold INSTEON Thermostat set button until it beeps
    INSTEON Thermostat will double-beep

If you want INSTEON Thermostat to also respond to an off command (e.g. control from a toggle button)
1) Set INSTEON Thermostat to desired state
2) Press and hold controller set button until it beeps (or LED flashes)
    Controller LED will start blinking
3) Press and hold INSTEON Thermostat set button and down arrow until it beeps
    INSTEON Thermostat will double-beep

Owner's Manual and Tech Support

Visit: http://www.insteon.com/support for complete manual, online tech support and latest product documents.
Call: INSTEON Support Line at 866-243-8022

FCC and IC Warnings

This device complies with FCC Rules and Industry Canada license-exempt RSS standard(s). Operation is subject to the following two conditions: (1) this device may not cause harmful interference, and (2) this device must accept any interference, including interference that may cause undesired operation of the device.
Le present appareil est conforme aux CNR d'Industrie Canada applicables aux appareils radio exempts de licence. L'exploitation est autorise aux deux conditions suivantes: (1) l'appareil ne doit pas produire de brouillage, et (2) l'utilisateur de l'appareil doit accepter tout brouillage radiolectrique subi, mme si le brouillage est susceptible d'en compromettre le fonctionnement.

CAUTION - To reduce the risk of overheating and possible damage to other equipment do not install to control a receptacle, a motor-operated appliance, a fluorescent lighting fixture, or a transformer-supplied appliance.
Gradateurs commandant une lampe a filament de tungstene – afin de reduire le risqué de surchauffe et la possibilite d'endommagement a d'autres materiels, ne pas installer pour commader une prise, un appareil a moteur, une lampe fluorescente ou un appareil alimente par un transformateur.

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