



Applications

- Homes heated with an electric forced-air furnace or non-variable speed centrally ducted air source heat pump or ground-source heat pump.
- Existing homes where the existing thermostat is non-qualifying.
- Single-family existing homes, low-rise Multifamily units and manufactured homes.
- One smart thermostat per qualifying system, with a limit of two per household.
- Note: Advanced Thermostats are NOT recommended for variable-speed heat pumps or for DHPs.



Connect with the local serving utility to confirm pre- and post-condition requirements.

PRE-CONDITION:

Electric-resistance heat furnace, air-source heat pump or ground-source heat pump and existing non-qualifying thermostats.

SPECIFICATION CHECKLIST

- Thermostat must be on [BPA's Residential Smart Thermostat Qualified Product List \(QPL\)](#). To meet the standards of the QPL, thermostats must be ENERGY STAR certified or have an independent evaluation(s) demonstrating energy savings for the thermostat.
- Thermostat must have a built-in occupancy sensor with the function set to "on" or come packaged with an external occupancy sensor. The external occupancy sensor must be configured according to the manufacturer's settings.
- Thermostat must be set to the geographic location where it is located (home).
- Thermostat must be Wi-Fi enabled with remote access.
- Thermostat must be 7-day programmable or have learning- based scheduling.
- If the thermostat controls a heat pump, it must be programmed to control the heat pump and have heat pump auxiliary-heat control and optimization.

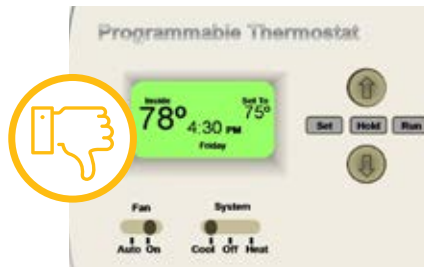
Recommended

- Educate homeowner on thermostat operation and programming.

Installation Examples



SMART THERMOSTAT WITH OCCUPANCY SENSOR



STANDARD PROGRAMMABLE THERMOSTAT

Courtesy of U.S. Department of Energy

MINIMUM REQUIRED DOCUMENTATION

Contact the serving [utility](#) for specifics on required documentation.

- Manufacturer, model number and serial number of each thermostat.
- Heating system controlled by the thermostat.

QUALIFIED PRODUCT LIST AND GUIDES

- [Residential Smart Thermostat Qualified Products List](#).

PAIRS WELL WITH

- Prescriptive Air Sealing.
- Prescriptive Duct Sealing.
- Insulation.
- Non-Variable Speed Air-Source Heat Pump.