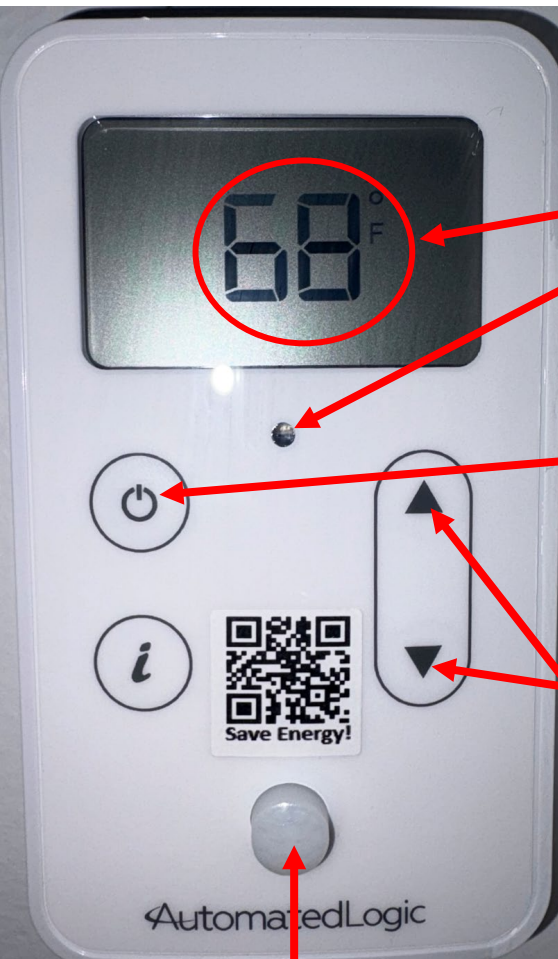


24 Hillcrest Rd (Prism) HVAC System Operation

Thermostat components.



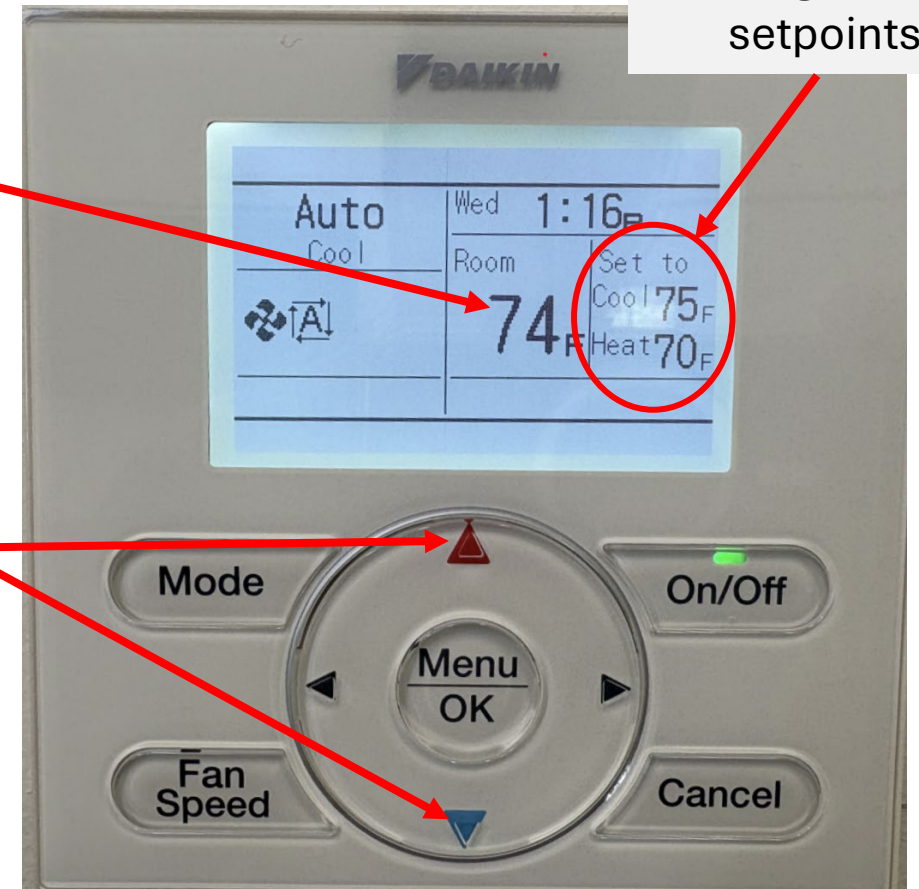
Room temperature

Occupancy Light

Occupancy Button

Up/Down arrows have no function

Motion sensor for turning on the system



Cooling/Heating setpoints

Temperature Setpoint Adjustment

Mode, Fan Speed and On/Off buttons do not function.

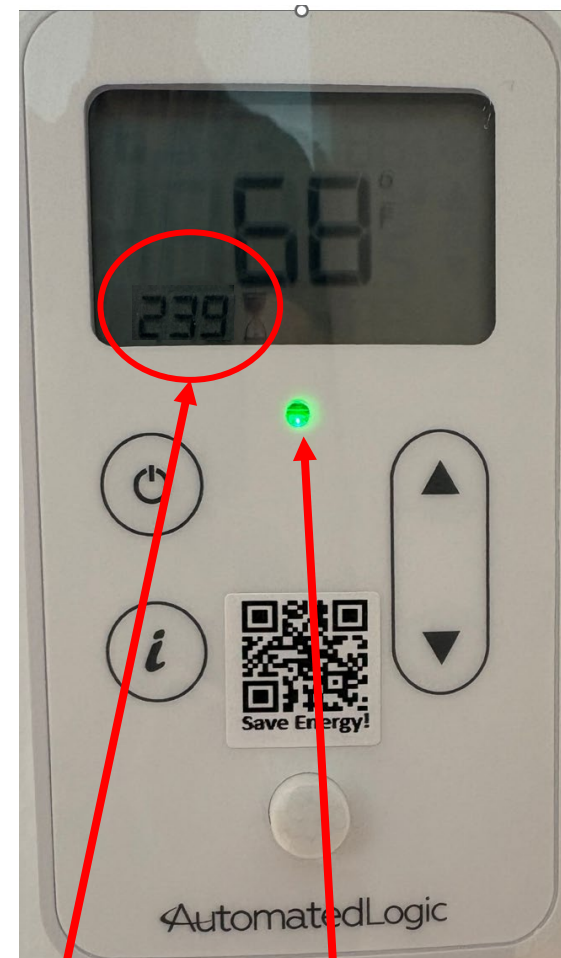
Follow these steps to enable occupancy control if the motion sensors fail.



Upon first entering the room, the occupancy light will not be lit. Motion sensors in the room should turn it on within one minute. If it does not turn on, you can turn the room on manually.



To turn the room on manually, press the occupancy button once to show the minutes the room will be occupied for temperature control.



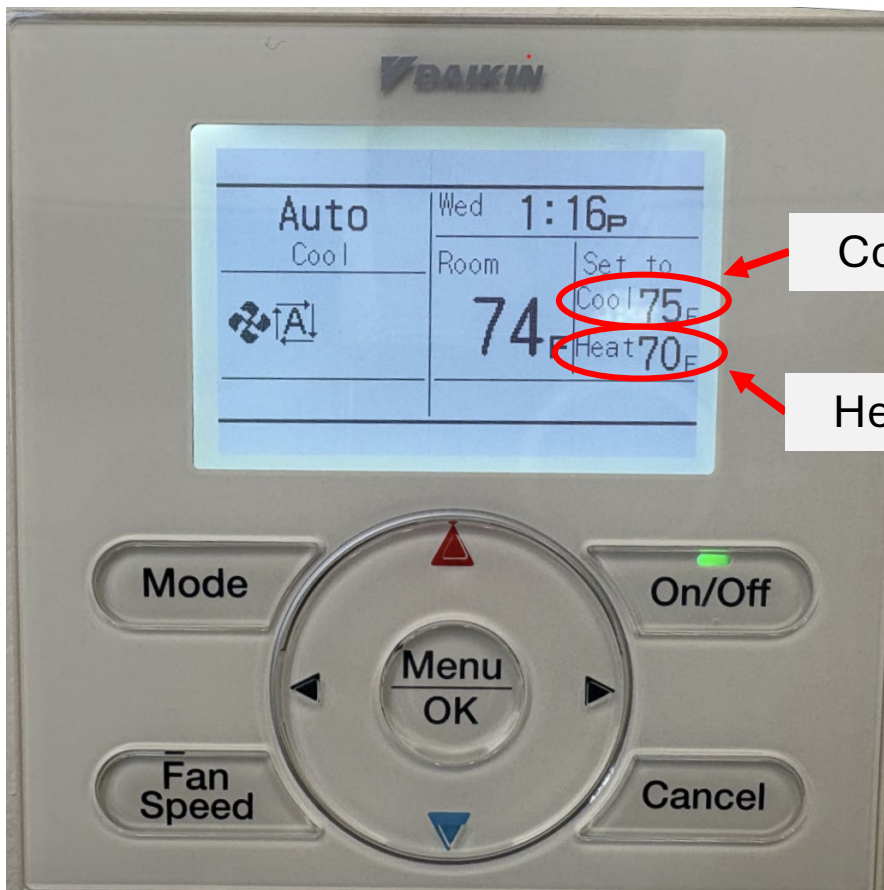
The occupancy LED will then be lit.

The time will continue to show as it counts down.



Pressing the button twice will cycle the timer to zero. Pressing once at any time, will reset to 240 minutes (4-hours).

Follow these steps to adjust the temperature set point.

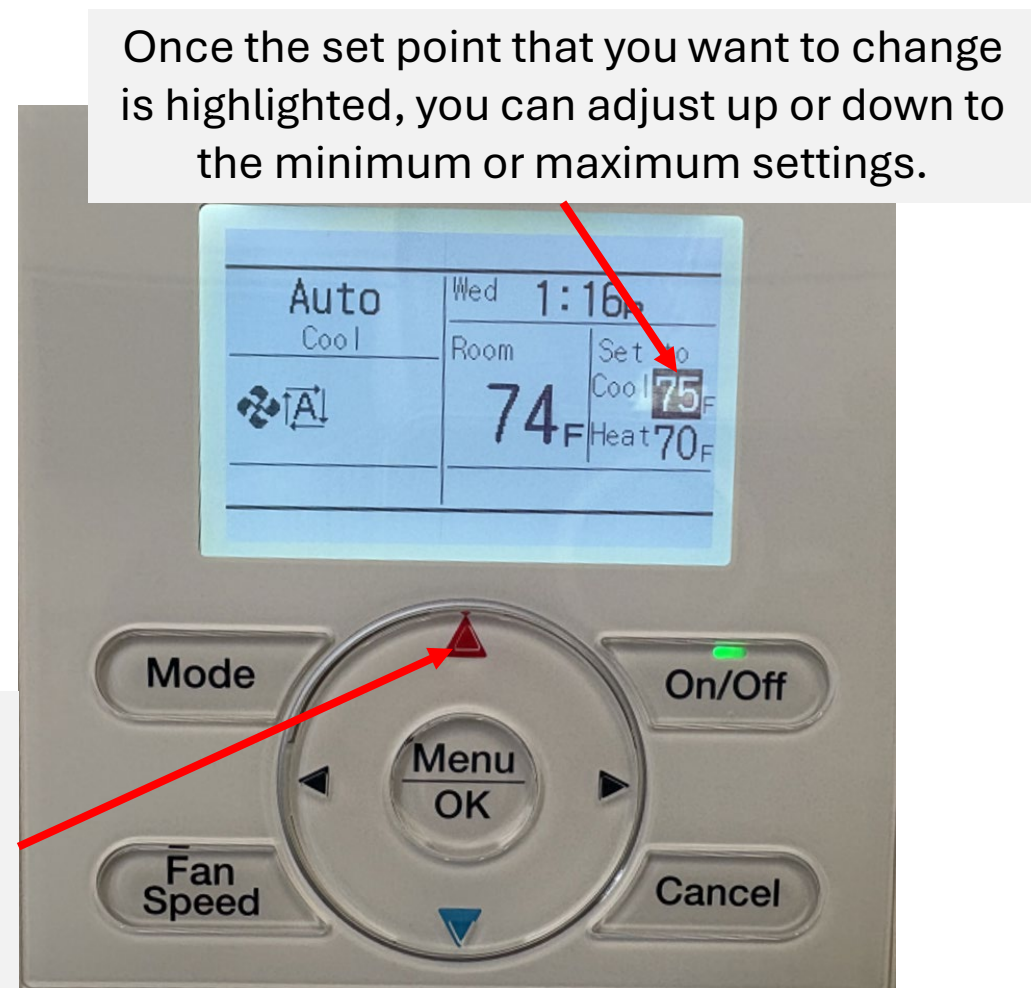


Cooling set point

Heating set point

Pressing the up or down arrows will “wake” the screen up, a second push should highlight a set point.

For occupied times, cooling set point will be adjustable from a low of 72 to 82 degrees and heating set point will be adjustable from a low of 65 to 72 degrees .



Once the set point that you want to change is highlighted, you can adjust up or down to the minimum or maximum settings.

For unoccupied times, cooling set point will be 82 degrees and heating set point will be 65 degrees.

An in-depth explanation of how the system operates.

Building Equipment-

The building utilizes an air-source heat pump system for both heating and cooling. Two ERV's (Energy Recovery Ventilator) bring 100% fresh air into the building while exhausting stale air. Motion sensors are used as a means of energy savings to determine occupancy in spaces and user interaction is required only in the event of a motion sensor failure.

ERV Zones and control-

The ERVs are turned on by **ANY** one motion sensor that it is associated with. Note: Motion sensors in offices turns on the main common area. Any movement within the building will have the airflow to the building running.

Room temperature control-

Upon entering a room, motion sensors will turn on the system. The green LED will then be lit on the room thermostat. The space will remain in an occupied mode for 60 minutes after the last movement, then revert to an unoccupied mode. Once in occupancy mode, the system will adjust the room temperature set points from unoccupied set points (65 degrees for heating and 82 degrees for cooling), to the occupied set points to where they were last left by the occupant. Users need to interact with the Daikin thermostat to adjust the temperature set point for each space. There are two zones, the main common area including the offices and the kitchen area.