

# Ridgeline View Suites HVAC System Operation

## **Building Equipment-**

This building uses electric heat pumps to both cool and heat. Each suite and common space (hallway, entryway, large building common spaces) has their own air handling unit which distributes the warm or cool air (conditioned air) to individual spaces. For suites, this means the conditioned air is brought into student rooms, with the return air coming back to the air handler being drawn through the Suite's common hallway space. This is where the Suite's thermostat is located which detects the mixed air temperature for the space.

An energy recovery ventilator brings fresh air into the building in an efficient manner because the unit uses the warmer exhaust air to heat an energy core which transfers that heat to the colder outside air before it enters the space.

## **Cooling/Heating control-**

The process of switching between being in heat or cool mode is done through the control system based on space temps and outdoor air conditions.

## **Occupant comfort control-**

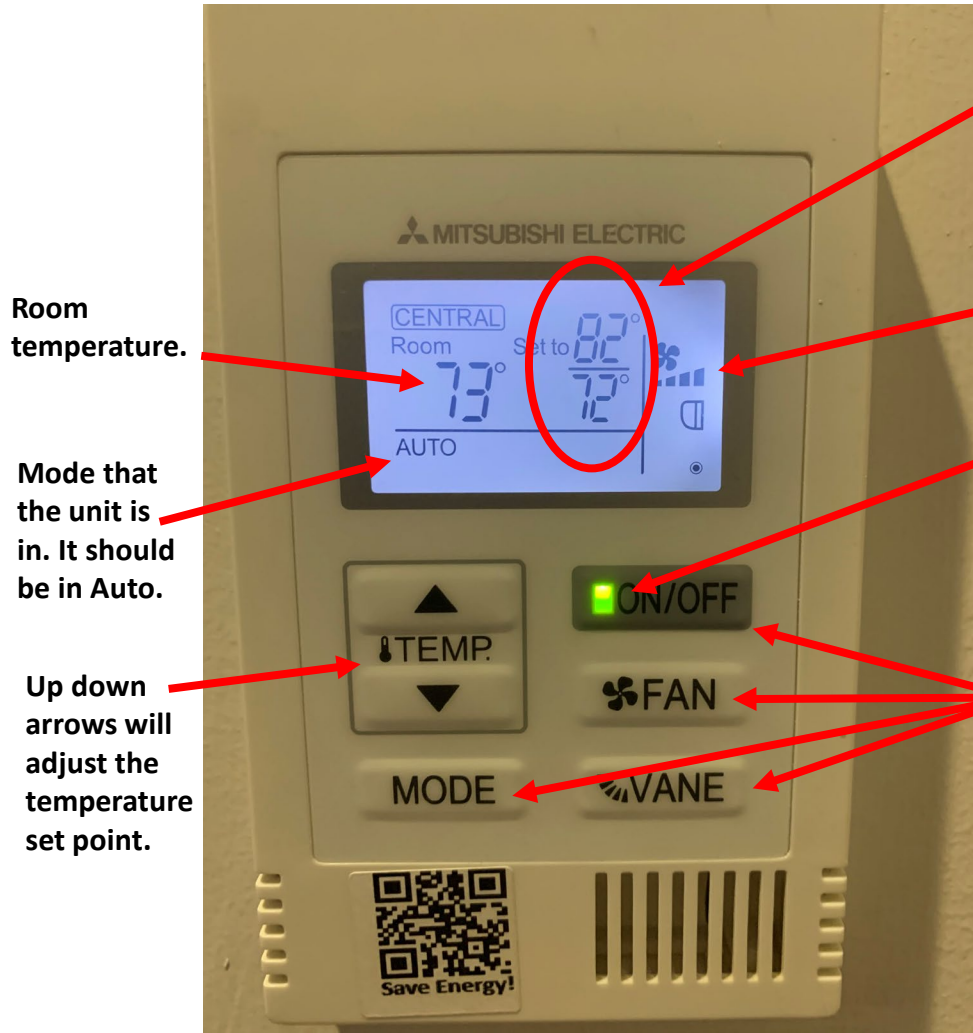
Occupants can adjust their heating and cooling set points by using the up/down arrows on the thermostat.

During the winter heating season, users can adjust their set point from a low of 65 degrees F to 72 degrees F.

During the summer cooling season, users can adjust their set point from a low of 75 degrees F to 82 degrees F.

See instructions below on how to adjust your space temperature set point.

**If a room is in a cooling state or the heat is on, the windows should be shut and locked. Locking the window provides a tighter seal around the window which keeps cold drafts from blowing in.**



Room temperature.

Mode that the unit is in. It should be in Auto.

Up down arrows will adjust the temperature set point.

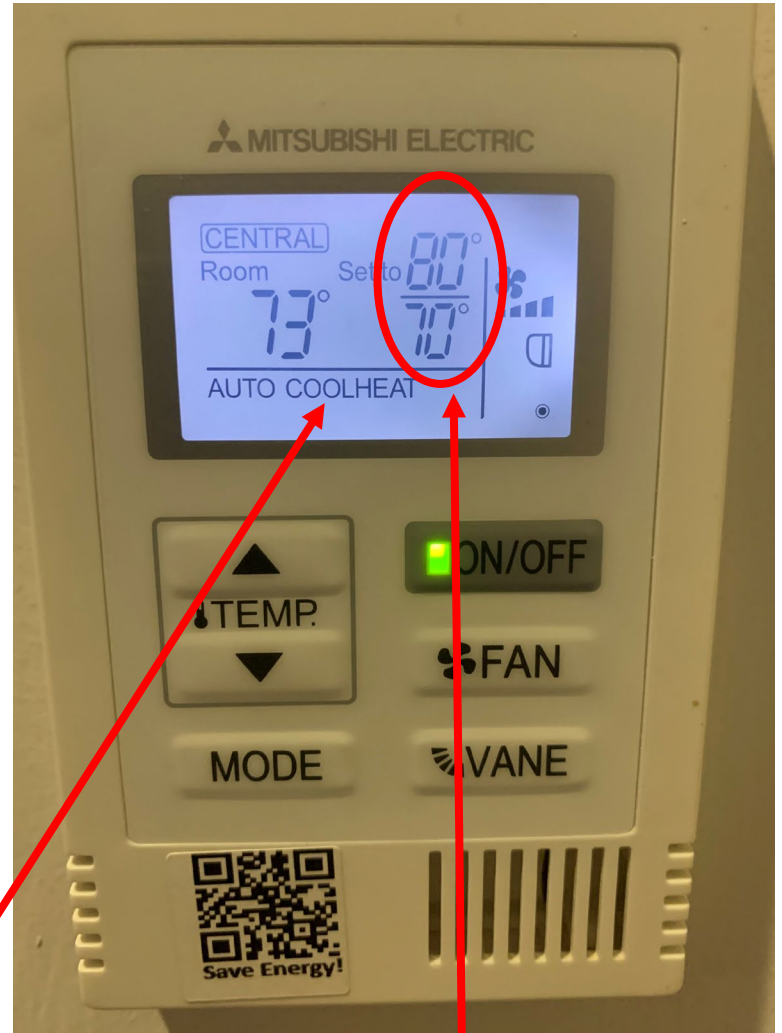
Room temperature set points. Upper value is cooling set point, lower value is the heating set point.

Fan speed indicator.

Indicates if the unit is on or off.

These buttons have no function.

Notice: As you adjust the temperature set point, "COOLHEAT" will flash on the screen.



Notice: If you adjust the temperature set point, both heating and cooling set points will adjust.