

FOREST HEATING

Forest is split into three zones, East, West and Center which are controlled by a main steam valve that is opened at 58°F or colder outside temperature. The zone valves located in the attic are controlled by two space sensors in each zone. The day set point is 68°F from 5:30 a.m. to 10:00 p.m. and the night set back temperature at 65°F from 10:00 p.m. to 5:30 a.m.

The heater in each room has a manually adjusted heat control valve that can be set by the occupant to adjust the heat for their own thermal comfort within the range set by the College Energy Management System. Heat is only available when the zone sensor calls for it so the room control should be set to a mid-range setting until the room has stabilized, usually a 24 hour period and then adjust the room control for cooler or warmer. Each room has the proper amount of radiation to keep the space at 68°F regardless of the outside temperature.

Steam radiators are also equipped with a thermal trap and, at times, are prone to banging as a result of steam hitting cooler condensate until temperatures equalize. This occurs less as the temperature outside gets colder and there is less down time with the zone valve closed.

Before reporting a heat issue, please check the following:

1. Position of room control; 0=OFF (cold), 8=ON (heat)
2. Air flow restricted by furniture; 4" minimum clearance for heat convection.
3. Windows closed and properly latched.
4. Added heat source by room control; Lamps, Computers, Small refrigerators all produce heat that will affect the room sensor operation.