

ATWATER A HEATING

This building has constant hot water circulation which is controlled by a variable frequency drive on the pump which tracks the amount of flow needed to keep the building satisfied.

The heater in each room has a manually adjusted heat control that can be set by the occupant to adjust for their own thermal comfort within the range set by the College Energy Management System. This building has at least four space sensors placed throughout the building to maintain an average of 68°F from 7:00 a.m. to 10:00 p.m. and 65°F for night set back temperature from 10:00 p.m. to 7:00 a.m.

The heating supply water is controlled on a sliding scale that is enabled at 58°F and circulates water at 100°F and as it gets colder outside the water in the system gets hotter so at 5°F the water temperature is 190°F, water temperature is linear between these two points. This outdoor reset is sufficient to maintain the building set points and not waste energy that is not needed to support the building.

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.