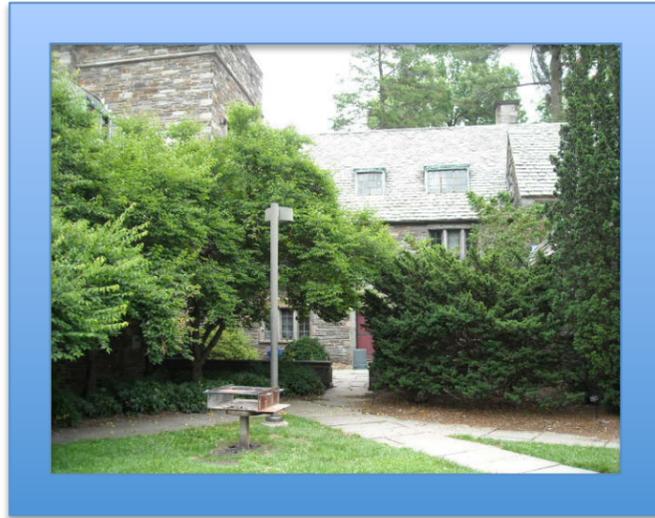


Worth Dorm



Heating System Description
and
How it works.

SWARTHMORE COLLEGE

For Maintenance requests
Email workbox@swarthmore.edu or
Phone X 8280

Room Heating Tips.

Be certain that windows are shut tightly.

Don't forget the upper section of the window.

Windows that are not completely closed allow cold air into the room.

If your windows won't shut properly call
Workbox at x8280 to report the problem.

Closing your window shades or
draperies can help keep the cold out.

Don't place heat producing lamps
or other appliances near the thermostat
as this can fool the thermostat into
reducing the heat supplied to the room.

Be certain that nothing blocks the air into
or out of the vents on the heating unit as this
prevents the unit from heating the rooms air.

The heat for Worth dorm is supplied by steam from the boilers in the Heat Plant located across the street from the Field House. The boilers can burn either natural gas or #2 oil.

During the coldest weather the College can burn 5,500 gallons of oil a day to heat the various buildings, however the preferred fuel is gas.

Underground pipes supply the steam to many of the buildings on the Campus. After the steam is used to heat the buildings it condenses back into water that flows back to the Heating Plant to be turned into steam again.

The buildings controls provide steam in 30 to 45 minute cycles. The running time in any cycle is Determined by the outside air temperature. The colder it is outside the longer the steam is supplied during any 30 to 45 minute cycle.

Each room radiator has it's own knob to regulate the space temperature. Occupants can adjust the valve. For more heat turn valve handle counter clockwise, for less heat turn valve handle clockwise.
(When viewed from top.)

College policy for heating in occupied times 68-72°. Temperatures are limited by the automation system to a maximum heating temperature of 72° and not lower than 64°.

Last year Worth and the Lodges used 332,115 gallons of domestic hot water.

More College energy information can be found at;

<http://www.swarthmore.edu/x29161.xml>