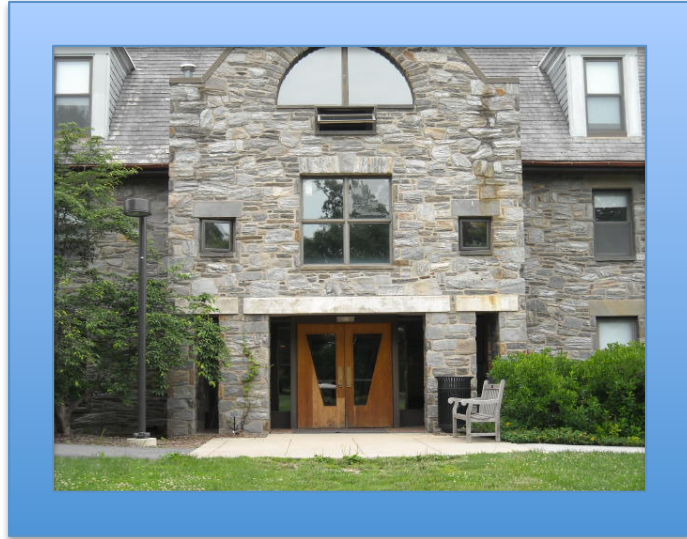


Mertz Dorm



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

Facilities Management at x8280 to report the problem.

Closing you 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 Mertz dorm is supplied by boilers in the basement of the building. The boilers burn natural gas.

The boilers heat water which is circulated through each room's fan coil heating unit.

Each room has it's own thermostat to control the space temperature. The occupants can adjust the temperature up or down to suite their needs.

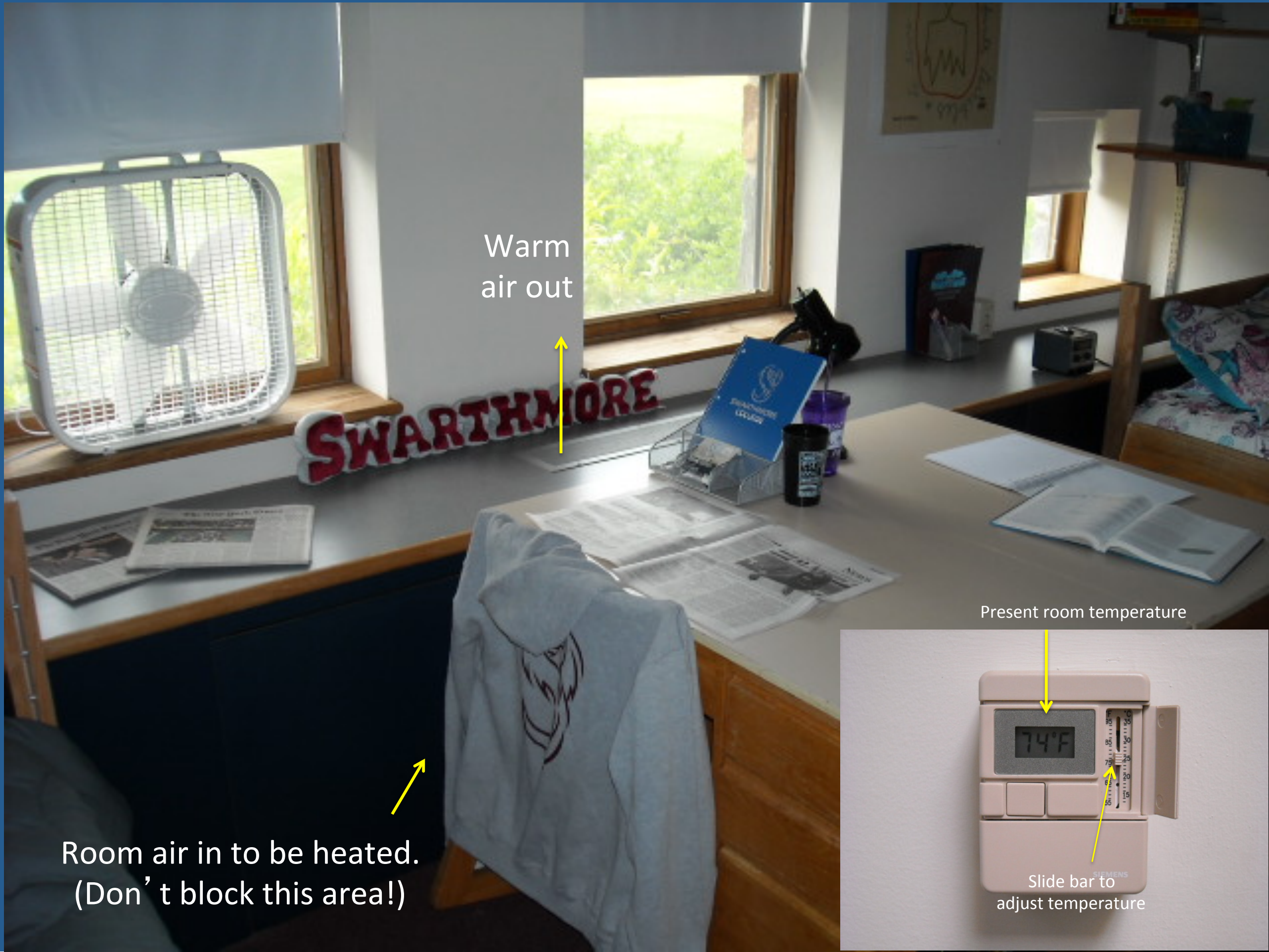
College policy for heating in occupied times 68-72°. Thermostats are limited by the automation system to a maximum heating temperature of 72° and not lower than 64°.

Last year Mertz dorm used 2,019,200 cubic feet of natural gas for heating the building, heating domestic hot water and the clothes dryers. During the same time frame 1,222,285 gallons of domestic water were used and 625,749 gallons of that was for domestic hot water.

More College energy information can be found at;

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

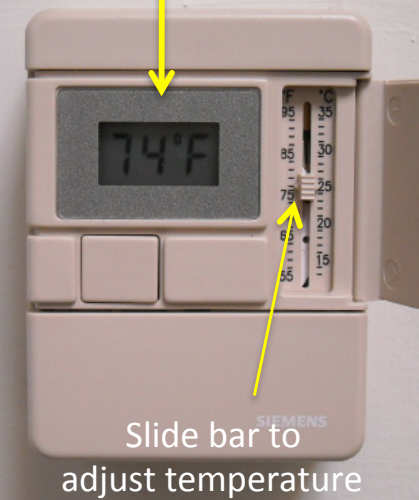
Mertz dorm room heating system.



Warm
air out

Room air in to be heated.
(Don't block this area!)

Present room temperature



Slide bar to
adjust temperature