

## Roberts Dorm



Heating System Description  
and  
How it works.

## SWARTHMORE COLLEGE

For Maintenance requests  
Email [workbox@swarthmore.edu](mailto: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 Roberts dorm is supplied  
by a boiler in the basement of the building.  
The boiler burns natural gas.

The boiler makes steam which flows through  
each room's heating radiator. After the steam  
gives up it's heat it flows back to the boiler to  
be boiled back into steam again.

The boiler provides steam in 30 minute cycles.  
The boiler's running time in any cycle is determined  
by the outside air temperature. The colder it is outside  
the longer the boiler runs during any 30 minute cycle.

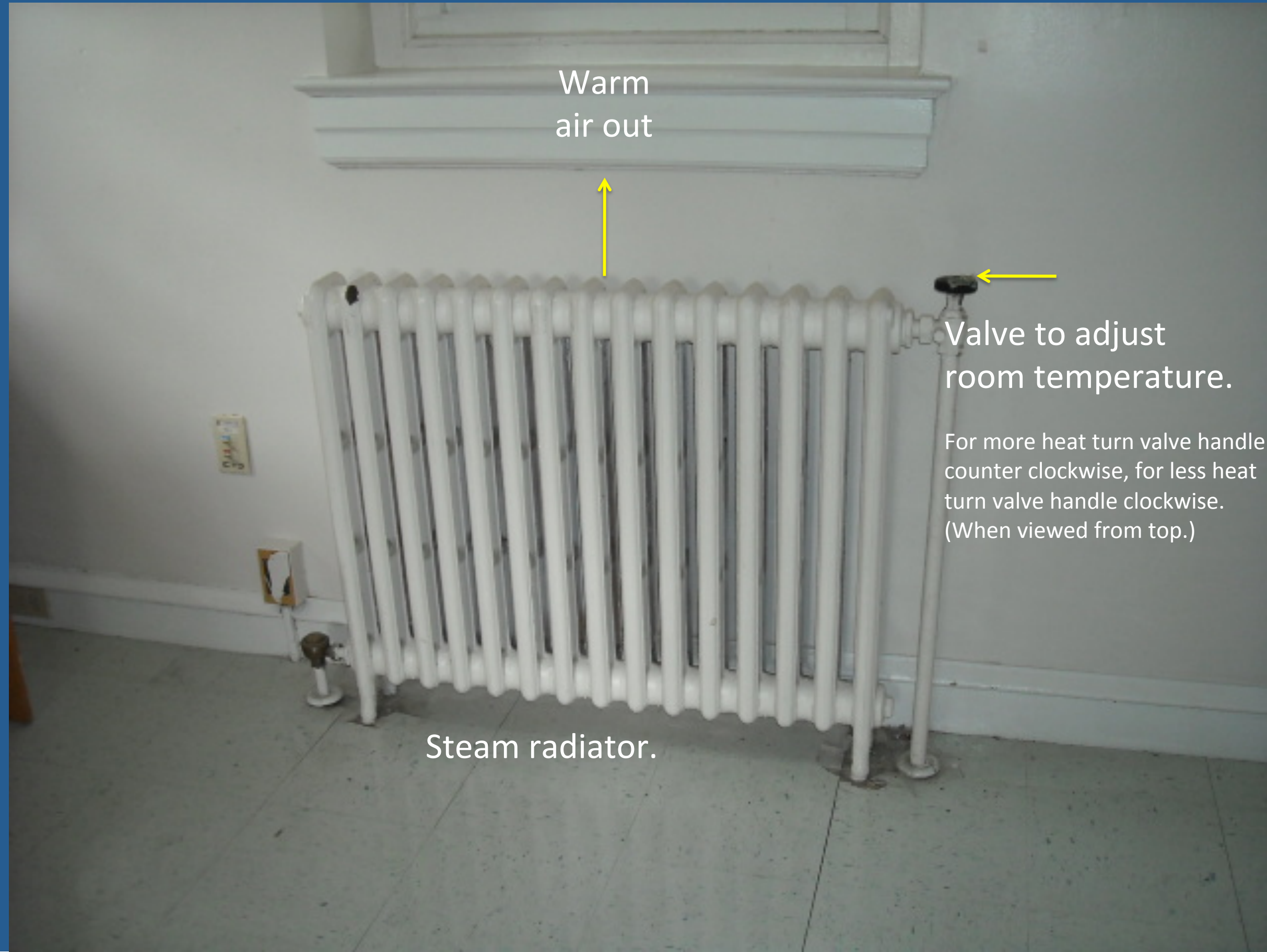
Each room radiator has it's own knob to regulate the  
space temperature. Occupants can adjust the valve.  
For more heat turn valve handle counter clockwise,  
for less heat turn valve handle clockwise.  
(When viewed from top.)

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°.

More College energy information can be found at;

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

## Roberts dorm room heating system



Warm  
air out

Valve to adjust  
room temperature.

For more heat turn valve handle  
counter clockwise, for less heat  
turn valve handle clockwise.  
(When viewed from top.)

Steam radiator.