

## How to Save Money with a Ceiling Fan

Know what you are buying. From looks alone you may not be able to tell what the difference is between a \$50 ceiling fan and a \$500 ceiling fan, but here are a few things to know in order to make sure that you are getting the right fan for your space.

CFM (Cubic Feet per Minute) is the measure of how much air a ceiling fan is able to move. Motor size, blade length, and blade pitch all determine the CFMs. The pitch of the blade is the angle of the blade. Most small fan motors have a blade pitch of about 12° with the blades “slicing” through the air. These fans do not circulate as much air and therefore are only ideal for very small rooms. Large fan motors have a blade pitch of 14°–16° that are able to push more air creating optimal circulation for large spaces.

### Recommendations:

Room Size:	Fan Blade Sweep (Overall Diameter):
Hallways, Bathrooms, Utility Rooms, Etc.	36" or Smaller
100 square feet and below	42" – 48"
100 square feet to 400 square feet	50" - 52"
400 square feet and above	54" or Larger

Consider putting 2 or more ceiling fans in large or long rooms for the best air movement.

Ceiling height:	Down Rod Length:
8'	Shortest Available. Hugger or Low Ceiling Adapter.
9'	4"-6"
10'	12"
11"	18"
12'	24"
13'	36"

The ideal height for ceiling fan blades is 8'-9' above the floor. On 8' ceilings the fan blades should not be less than 7' above the floor. If you plan on using the fan in the winter we recommend that you do not drop the fan more

than 3' from the ceiling since it will not be as effective in re-circulating the heat.



In the summer your fan blades should rotate counter-clockwise. While it may not actually lower the room temperature the “wind chill” can make your room feel up to 7° cooler. You can raise the thermostat and save up to 40% on your air conditioning bill.



In the winter reverse the fan so that the blades rotate clockwise. This re-circulates the hot air trapped near the ceiling back into the room making the entire room a consistent temperature. You can lower the thermostat and save up to 10% on your heating bill.

You can save money on energy costs, do something good for the environment, and still be comfortable in your home.