The energy saver switch turns off the door mullion heaters that prevent frost build-up in humid climates. The heat produced by these heaters consumes electricity and must be removed by the refrigeration system.

Refugeator and freezer

The freezer temperature should be above 0° and can be as high as 5°. The refrigerator temperature should be around 38° F. Getting the right temperature may require several re-settings and re-measurements.

Baseload means the energy used daily throughout the year and doesn’t include heating or cooling.

Appliance | Usage kWh/year | Annual Cost |
---|---|---|
Ten-year-old refrigerator or freezer | 1250 | $96 |
New Energy Star® refrigerator or freezer | 550 | $44 |
Water bed | 1000 | $80 |
Television | 100–1000 | $8–$80 |
Well pump | 500 | $40 |
Furnace fan | 500 | $40 |

Data from Lawrence Berkeley Laboratory and others. Based on 8¢ per kilowatt-hour for electricity.

Washer and dryer

Laundry Improvements

Save substantial laundering energy in the following two ways.

- Install a new front-loading energy-efficient clothes washer for 50% savings of energy and water and 20% savings in drying time.
- Clean lint out of clothes dryer, its piping, and termination fitting. Pipe the vent in rigid metal pipe if it’s longer than four feet.
**Specifications for Sub-Compact Fluorescent Bulbs**

<table>
<thead>
<tr>
<th>CFL watts</th>
<th>Incand. Replace Watts</th>
<th>Length (inches)</th>
<th>Width (inches)</th>
<th>Lumens</th>
</tr>
</thead>
<tbody>
<tr>
<td>15 w sub-CFL</td>
<td>40</td>
<td>4.5</td>
<td>2.5</td>
<td>900</td>
</tr>
<tr>
<td>20 w sub-CFL</td>
<td>60</td>
<td>5.5</td>
<td>2.5</td>
<td>1200</td>
</tr>
<tr>
<td>23 w sub-CFL</td>
<td>75</td>
<td>6.0</td>
<td>2.7</td>
<td>1380</td>
</tr>
<tr>
<td>26 w sub-CFL</td>
<td>75–100</td>
<td>6.0</td>
<td>2.7</td>
<td>1560</td>
</tr>
<tr>
<td>30 w sub-CFL</td>
<td>100</td>
<td>6.5</td>
<td>2.7</td>
<td>1800</td>
</tr>
</tbody>
</table>

From the website: BetterBulbsDirect.com.

Choose a compact fluorescent that has at least one-third the wattage of the incandescent bulb it is replacing. If replacing bulbs in quantity pay close attention to the size of CFL you buy. Buying the smallest size for a specific wattage is usually the best choice.