

## Low cost compact fluorescent (CF) bulbs are available for purchase at Salem Electric's office.

### *Are CF bulbs worth the price?*

Screw-in CF bulbs use approximately one-quarter of the energy and last an estimated 10 times longer than incandescent bulbs with comparable light output.

### *How long will a CF bulb last?*

Most CF bulbs have a rated life of 10,000 hours based on three hours of operation per start. That compares to incandescent bulbs that last about 1,000 hours. Short term operation of just a few minutes can shorten the life of a CF bulb.

### *Where can I use CF bulbs?*

CF bulbs fit in standard incandescent sockets, however, make sure you match the bulb to the use. Some fixtures come equipped with photocells which may reduce the life of the bulb unless the photocells are designed for fluorescent use.

If you use a timer to control your CF bulbs consider mechanical timers because some electronic timers are not compatible.

Some compact fluorescent bulbs aren't rated for use in enclosed fixtures. Without proper air circulation bulbs may overheat which reduces the life of the bulb.

### *What if the bulbs don't fit?*

Salem Electric also sells extenders (\$2.00 each) and splitters (\$2.50 each). Extenders simply lengthen the bulb which allows adequate clearance for the wide base. The splitter allows you to put two CF bulbs in one socket for increased light output.

### *What about availability?*

A variety of bulbs are available directly from Salem Electric (see chart inside). Most home improvement stores also stock them or you can look in the phone book yellow pages under "light bulbs and tubes."

### *What about recycling CF bulbs?*

The Salem/Keizer Recycling Transfer Station, located at the Gaffin Road Exit off Highway 22 is an approved recycling facility. They will take your used CF bulbs (limit 10 per household), Friday, Saturday and Sunday from 10:00am to 4:00pm (except holidays). For more information, call 503 588-5169.

When you buy compact fluorescent bulbs look for this symbol to assure a quality product.



**CAUTION:** Most compact fluorescent bulbs are not recommended for use on dimmers or photocells unless they are specifically designed for that purpose. Several manufacturers make a dimmable compact fluorescent bulb. Check the manufacturer's specifications before your purchase.

Compact fluorescent bulbs may cause interference with radio or television reception. If interference occurs, move the bulb(s) to a different electrical circuit.

## **Salem Electric**

SERVING KEIZER AND SALEM

633 Seventh Street NW, PO Box 5588

Salem, Oregon 97304-0055

Ph: 503 362-3601 FAX: 503 371-2956

E-mail: [se@salemelectric.com](mailto:se@salemelectric.com)

[salemelectric.com](http://salemelectric.com)



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# Compact Fluorescent Bulbs



*Longer Life  
Saves Energy*













*Another bright idea from*

## **Salem Electric**

SERVING KEIZER AND SALEM

# Compact Fluorescent Lamps

All of these compact fluorescent lamps (CFLs) are available at Salem Electric's office. They are high quality products and qualify for the ENERGY STAR rating. They are not recommended for use where they may come in direct contact with moisture. **Do not use CFLs with photocells, dimmers or motion sensors unless fixtures are designed to work with fluorescent lights.**

<b>How to use this table:</b> Look across the top for the appropriate fixture. Then look down each column to see which CFL may fit your needs. Be sure to match the CFLs to their proper use.			 SHADED LAMP	 TOTALLY ENCLOSED	 OPEN INDOOR	 BARE BULB	 TRACK LIGHTING	 RECESSED CAN	 PROTECTED OUTDOOR
<b>*ESTIMATED SAVINGS (over bulb life)</b>									
<b>GLOBES</b>									
 <b>9-Watt Globe</b> Equivalent to 40w incandescent	<b>\$4.00 EACH</b>	save \$19.00	YES	NO	YES	YES	YES	YES	NO
<b>14-Watt Globe</b> Equivalent to 60w incandescent	<b>\$4.00 EACH</b>	save \$26.00	YES	NO	YES	YES	YES	YES	NO
<b>19-Watt Globe</b> Equivalent to 75w incandescent	<b>\$4.00 EACH</b>	save \$31.00	YES	NO	YES	YES	YES	YES	NO
<b>SPIRAL LAMPS</b>									
 <b>13-Watt Mini-Spiral</b> Equivalent to 60w incandescent	<b>\$2.00 EACH</b>	save \$28.00	YES	YES	YES	YES	YES	NO	YES
<b>23-Watt Mini-Spiral</b> Equivalent to 100w incandescent	<b>\$2.00 EACH</b>	save \$46.00	YES	YES	YES	YES	YES	NO	YES
<b>15/23/32 Watt 3-Way Spiral</b> Equivalent to 50/100/150w incandescent	<b>\$8.50 EACH</b>	save \$48.00	YES	NO	YES	YES	NO	NO	NO
<b>FLOOD LIGHTS</b>									
 <b>14-Watt R-20 FLOOD</b> Equivalent to 50w incandescent	<b>\$5.00 EACH</b>	save \$32.00	NO	NO	YES	YES	YES	YES	YES
<b>16-Watt R-30 FLOOD</b> Equivalent to 75w incandescent	<b>\$5.00 EACH</b>	save \$43.00	NO	NO	YES	YES	YES	YES	YES
<b>23-Watt R-40 FLOOD</b> Equivalent to 120w incandescent	<b>\$5.00 EACH</b>	save \$62.00	NO	NO	YES	YES	YES	YES	YES

\*The estimated total savings includes product and energy over the life of the bulb, including the price of the bulb.

FACTS: An ordinary incandescent light bulb uses 90% of energy consumed to create heat and 10% to create light—a CFL uses 10% for heat and 90% for light. There is approximately 5mg of mercury vapor in the average CFL with no mercury being emitted during operation or burn out. A typical household thermometer contains about 500mg of liquid mercury. **See back panel for additional comments.**