Portable heating devices may only be used when there is no chance of injury or fire occurring from their use. This applies to both Lab–provided and personally owned devices used within LBNL spaces on and off site.

You might feel the need to use a portable electric space heater in your work area. We try to avoid the use of space heaters due to power consumption and fire safety concerns. However, if you must use a space heater, consider the following safety requirements.

**DO !**
- Use only NRTL-listed space heaters
- Use only grounded (three-prong plug) or double-insulated space heaters
- Use only space heaters with automatic shut off
- Use space heaters over 500 Watts
- Place space heaters near ignitable materials
- Use extension cords or power strips with space heaters
- Leave space heaters on when you leave your office

**DON’T !**

- Space heaters must be plugged directly into a wall outlet
- Maximum 500 Watts

**Space heaters must be listed by a Nationally Recognized Testing Laboratory (NRTL).**

**Heaters must have a maximum rating of 500 Watts (W)**

_The heater pictured is 1500W...3x the allowable!_

**NRTL-Listed space heaters will have either automatic shut off when tipped over, or overheat protection. Automatic shut off switches should be tested annually by tilting the heater while on, and verifying the unit turns off when tipped.**

**Additionally, heaters may be rated Zero Clearance for use nearer combustible materials.**

Long-term fire hazards can be prevented by placing space heaters 3 feet away from combustible materials.

**Always TURN OFF space heaters when leaving your office or area for any extended period of time.**

24% of home heating fire deaths were from space heaters placed too close to combustible materials.

**Do not use space heaters with extension cords or power strips**

**Remember the 3 foot rule!**

80% of home heating fire deaths involve space heaters

32% of home heating fires are caused by space heaters

**Use only space heaters that have either a grounded (three-prong) plug, or are marked “double insulated” or have the double insulated symbol**

**Maximum 500 Watts**

**Space heaters must be plugged directly into a wall outlet**
Always read the manufacturers instructions for the unit before using and read / follow instructions on the unit.

Don’t try to heat an entire suite or floor with a space heater. Portable electric heaters are designed for supplemental heating of single rooms, or small areas.

Contact the Facilities Work Request Center at ext. 6274 if:
- the heating requirement is permanent;
- you have found that multiple persons within your office suite or space are using electric portable space heaters to supplement the heat in the same area;
- your space heater causes the circuit breaker to trip;
- a new wall outlet is needed to not use an extension cord;

For 24-hour operation (e.g., during construction or maintenance shutdown), obtain a permit by calling Protective Services for the proposed operation. Post the permit conspicuously near the appliance.

SUGGESTED HEATERS THAT MEET THE CRITERIA

<table>
<thead>
<tr>
<th>MANUFACTURER</th>
<th>DESCRIPTION</th>
<th>WATTS</th>
<th>NRTL</th>
<th>SAFETY DEVICE</th>
<th>TYPE</th>
</tr>
</thead>
<tbody>
<tr>
<td>NewAir</td>
<td>AH-400</td>
<td>400</td>
<td>YES</td>
<td>Tip-Over Switch</td>
<td>Radiant convection; no fan</td>
</tr>
<tr>
<td>iHeater</td>
<td>Micro 250</td>
<td>450</td>
<td>YES</td>
<td>Overheat Protection</td>
<td>Infrared; with fan</td>
</tr>
<tr>
<td>Lasko</td>
<td>MyHeat 100</td>
<td>200</td>
<td>YES</td>
<td>Overheat Protection</td>
<td>Infrared; with fan</td>
</tr>
<tr>
<td>Cozy Products</td>
<td>Cozy Legs</td>
<td>150</td>
<td>YES</td>
<td>Zero-Clearance</td>
<td>Radiant; no fan</td>
</tr>
<tr>
<td>Cozy Products</td>
<td>Toasty Toes</td>
<td>90</td>
<td>YES</td>
<td>Zero-Clearance</td>
<td>Radiant; no fan</td>
</tr>
<tr>
<td>Cozy Products</td>
<td>Foot Warmer</td>
<td>90</td>
<td>YES</td>
<td>Zero-Clearance</td>
<td>Radiant; no fan</td>
</tr>
<tr>
<td>Cozy Products</td>
<td>Super Foot Warmer</td>
<td>135</td>
<td>YES</td>
<td>Zero-Clearance</td>
<td>Radiant; no fan</td>
</tr>
<tr>
<td>Optimus</td>
<td>H-4110</td>
<td>300</td>
<td>YES</td>
<td>Tip-Over Switch</td>
<td>Radiant; no fan</td>
</tr>
<tr>
<td>Optimus</td>
<td>H-7800</td>
<td>300</td>
<td>YES</td>
<td>Tip-Over Switch</td>
<td>Infrared; with fan</td>
</tr>
</tbody>
</table>