

### WALL HEATER TIPS & MAINTENANCE

**Wall heaters** are designed so that each is responsible for heating a particular room or area. Each unit is controlled by a thermostat, which can be located on the wall or on the unit itself.

**There are** three basic components in a wall heater: the element, the fan and the thermostat. The element produces heat when electricity passes through it. The fan forces heated air out to the room and improves its circulation. The thermostat tells the element when to activate and for how long. The carbon monoxide is vented up the flue and out of the living space.

**How does** it work? Cold air is drawn over the heated element and then directed out to the room by the fan. The heated air rises and forces the cold air to the floor, and the process repeats itself.



#### Tips for operating and maintaining wall heaters

- **Turn down the thermostat in rooms that aren't being used and close the door to that room.**
- **Set thermostats to temperatures at the low end of the comfort range. This prevents excessive cooling at night or when no one is home.**
- **Follow the maintenance instructions in the manufacturer's manual and have HDR Remodeling clean the flue every 18 months.**
- **Keep the area around heating units free from obstructions to allow proper air flow. Fire danger from wall heaters is minimal, but you should avoid having any objects come in contact with the them.**
- **Don't place combustible materials on or near heaters.**
- **Clean the wall heaters twice a year. Turn off the electricity to the heater at the breaker panel before removing the grill. Blow down through the element to remove debris, vacuuming any debris out of the blower wheel. Clean and reinstall the grill before turning the power back on to the units.**
- **Never open the wall heater cover before turning the heater off at the breaker panel and letting the heating element cool.**

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**Please ask about our other home maintenance and repair services.**  
*Call for an appointment today (510) 531- 9500 & FAX (510) 531-9590*

Or send us an email at [HDR@honeydorepair.com](mailto:HDR@honeydorepair.com)

**The information above is general information only**  
**WHEN ALL ELSE FAILS - GET A QUALIFIED HEATING SERVICE TECHNICIAN**

PROBLEM	POSSIBLE CURE
<b>Pilot will light but not stay lit when knob is released</b>	<ul style="list-style-type: none"><li>• Pilot not adjusted correctly - <b>all</b> new heaters must have pilot properly adjusted according to owners manual</li><li>• Pilot assembly could be clogged up - clean pilot assembly</li><li>• Thermocouple may be defective - replace thermocouple</li><li>• Vent safety switch (stack switch) has shut off gas due to improper venting <i>see illustration for MOST top vented heater venting at this page:</i> <a href="#">Click Here For Proper Venting Illustration</a>  <a href="#">Click Here For HOW NOT TO VENT</a></li></ul> <p>Vent safety switch (stack switch) could be defective - be sure system has <u>cooled down</u> enough and attempt to light pilot again</p> <p>For testing only, remove the two wires from the terminals the stack switch is attached and jumper across the terminals to see if pilot will stay on - <b>DO NOT LEAVE THE UNIT JUMPERED</b></p> <p>Replace the stack switch</p> <ul style="list-style-type: none"><li>• Gas valve could be defective - heating technician should check valve</li></ul>
<b>Burner won't come on</b>	<ul style="list-style-type: none"><li>• Thermostat could be bad - tie the two thermostat wires together to see if burner comes on - if so, replace thermostat - be sure the new thermostat is either a 24 volt or a millivolt thermostat, depending on which type your heater is</li><li>• Vent safety switch (stack switch) has shut off gas due to improper venting</li><li>• Vent safety switch (stack switch) could be defective - Replace the stack switch  <i>see above stack switch testing information</i></li><li>• Gas valve could be defective - heating technician should check valve</li><li>• If you have a Vent Free Model Heater, the ODS (oxygen depletion system) may have shut the gas off to your heater. Vent Free Heaters <b>MUST HAVE</b> fresh air to them for proper operation</li></ul>
<b>Blower will not come on</b>  <b>(on units so equipped)</b>	<ul style="list-style-type: none"><li>• The Fan/Limit Controls tell the blower when to turn on and off - different units use different types of Fan and Limit Controls</li><li>• The fan switch or the limit switch could be defective - replace with <u>proper temperature</u> setting switches</li><li>• Motor could be defective - have motor checked and replace if necessary</li></ul>

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