

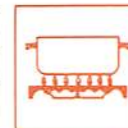
ELECTRIC RANGE TROUBLESHOOTING CHART

THE PROBLEM	POSSIBLE REASONS	WHAT YOU CAN DO
The range is not working at all.	No power is reaching the range.	Check the fuse box/circuit breaker. If you don't find a problem, call an electrician.
One of the top elements doesn't heat.	The element, wiring, terminal block or switch is defective.	Check each part for continuity and replace it if necessary.
A top element doesn't cook well.	The pan is the wrong size. The element is damaged.	Use flat-bottomed pans that just cover the element. Replace the element.
You can't get the oven to heat.	The element, wiring, thermostat or selector switch has a defect. The time is not set properly. The timer is defective.	Check each part for continuity and replace any that are defective. Reread the instructions and reset it. Replace the timer.
The top rear element doesn't heat.	The oven is in its self-cleaning cycle.	The extremely high power requirement during cleaning may prevent the stove from working.
The oven overheats.	A vent is clogged.	Clean the vent.
The oven doesn't hold the temperature you set.	The door gasket is damaged. The thermostat isn't calibrated correctly.	Replace the gasket. Call a qualified contractor.
The oven lamp doesn't work.	The bulb is burned out. There is a defective switch or wiring to the bulb socket.	Replace the burned-out bulb with the same type of oven bulb. Test the wiring and switch, then replace defective parts.
The timer doesn't work.	The timer hasn't been set correctly. The timer fuse has blown. There are loose connections. The timer is damaged.	Check the instructions and reset it. Check the 15-amp fuse in the timer circuit. Turn the power off and check the timer connections for continuity. Replace the timer.
The oven door won't stay shut.	A hinge or spring is defective.	Replace the defective part.
Condensation forms inside the oven.	The vent is clogged. The door doesn't close properly. The oven doesn't preheat properly.	Clean the vent. If there is an air filter, clean or replace it. Check the gasket and door hinge springs. Preheat the oven with the door ajar.
The accessory receptacle on the control panel doesn't work.	A fuse is blown. The wiring is defective.	Call a professional.
The oven stops self-cleaning.	The door isn't locked. The door switch, wiring or thermostat is defective.	Try starting over again. Call a qualified contractor.



GAS RANGE TROUBLESHOOTING CHART

THE PROBLEM	POSSIBLE REASONS	WHAT YOU CAN DO
A surface burner doesn't light.	The pilot light is out. The gas isn't on.	Follow the instructions for relighting the pilot on your particular range. Call the gas company.
The pilot flame doesn't remain lighted.	The pilot port is clogged. The range is in a drafty place.	Use a small wire to clean the port. Try to prevent drafts near the range.
A burner is burning erratically.	The burner is clogged. There is an incorrect mixture of gas and air.	Clean the burner ports. Call the gas company.
The oven stops lighting.	The oven pilot light is out. There is a defective thermocouple. The gas isn't on.	Follow the instructions for relighting the oven pilot on your particular range. Replace the thermocouple. Call the gas company.
The oven heats poorly.	There is an incorrect mixture of gas and air. The safety thermocouple is defective.	Call the gas company. Replace the thermocouple.
Things bake unevenly in the oven. The oven overheats.	The door gasket is damaged. The exhaust vent is clogged. There is a defect in the thermostat.	Replace the gasket. Clean the vent. Call the gas company.
The burners are producing soot.	There is an incorrect mixture of gas and air.	Call the gas company.
The burners make an unusual noise.	There is an incorrect mixture of gas and air.	Call the gas company.
You smell gas.	The pilot is out. The gas line is leaking.	Ventilate the room and relight the pilot. Call the gas company. Ventilate the room, extinguish all flames and don't turn on any electric switches.



GAS WATER HEATER TROUBLESHOOTING CHART

THE PROBLEM	POSSIBLE REASONS	WHAT YOU CAN DO
There is no hot water.	The pilot light isn't lighted. The pilot light won't keep burning. There is a clog in the burner. There is a defective thermocouple. The gas is not coming out.	Carefully relight the pilot. Make sure the gas controls are completely turned on. Then, check the thermocouple and be sure it is firmly connected to the gas control unit and positioned near the pilot flame. Call a qualified contractor. Replace the thermocouple. Call the gas company.
There isn't enough hot water.	The thermostat isn't correctly set. The thermostat is defective. Hot water pipes are exposed. The water tank is too small. There is a clog in the burner. Sediment has formed in the tank. The hot water faucets are leaking.	Turn the thermostat higher. Call a qualified contractor. Insulate the hot water pipes. Have a professional install a larger water tank. Call a qualified contractor. Turn off the gas and drain the tank. Repair or replace the faucets.
The water heater is very noisy.	Scale and sediment have formed in the tank.	Turn off the gas and drain the tank.
The water is too hot.	The thermostat is on the wrong setting. There is a thermostat defect. The exhaust vent is blocked by something.	Reset the thermostat. Call a qualified contractor. Check the vent and clear it.
Water is leaking from the heater.	There is a leak in the draincock. The safety valve is leaking. The tank has a hole in it. There is a leak in the plumbing connection.	Close it tightly or replace it. Check the water temperature. If it's too hot, the thermostat may be broken. If the safety valve is defective, replace it. Have a professional install a new water heater. Call a plumber if not covered in this article.

