

Instructions For Installing Replacement Water Heaters

- Note #1
- A. Flue pipe and fittings must be of galvanized material and in good shape. Check the very bottom of the flue pipe with a good light for rusted deterioration.
 - B. Metal screws in each joint are required.
 - C. If the flue is into a masonry chimney, the joint at the flue and chimney must be tight, cement if necessary.
- Note #2
- A. A union is required near the top of each water heater. If water lines are copper, a dielectric insulated union or nipple is required.
 - B. A valve in the cold water supply is required before the union.
 - C. If your water lines near the water heater are CPVC material, contact the plumbing inspector in your area for a special set of instructions.
- Note #3
- A. Do not reuse the old pressure and temperature relief valve.
 - B. The discharge line must be full sized (3/4").
 - 1. It must be of metallic pipe. (Exception: There is one manufacturer of plastic pipe for relief valves. It is not CPVC).
 - 2. It shall terminate 6" from the floor or drain opening. This pipe shall have no threads on the bottom end.
- Note #4
- A. New gas line pipe must be of approved material (black iron pipe).
 - B. The gas cock must be accessible and of an approved type and located before the union in the gas supply line.
- Note #5
- A. For electric water heaters, wiring must be properly sized and wire connectors must be used at the opening to the heater.
 - B. For electric water heaters, delete numbers 1 and 4 and use numbers 2, 3, 5, 6, 7 and 8.
- Note #6
- Any solder used on copper water lines in conjunction with this installation MUST be of the LEAD FREE type.
- Note #7
- All water heaters must be installed in a drain pan. Electric heaters may be installed in a plastic pan. All gas water heaters must be in a metal pan. The drain opening must be at least 3/4" and piped to an approved termination point. If no drain is provided in the same room, the pan drain opening must be plugged.
- Note #8
- If the water heater is installed in a garage or in a closet in a garage which has no exit other than back into the garage, all points of ignition must be at least 18" above the garage floor. Both gas fired and electric heaters are included.

A permit from the City of Kettering Planning and Development Department is required to replace a water heater. The inspection is included in this fee.

If you have any questions, please call 296-2441 and ask for the Plumbing Inspector.