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Replacement of the Hi-Limit switches on all 40, 50 & 60 gallon Superflue® FVIR Water Heaters:

PVC and ABS were common materials used for venting gas appliances. Gas installation code changes are being adopted that will require plastic piping for all natural gas and LP appliances to be certified to ULC S636.

In preparation for the upcoming changes, GSW Water Heating has incorporated a Hi-Limit switch to protect the venting from excessive temperatures which may be caused by unusual/extreme operating environment and/or installation conditions.

- Pre-December 2006 manufactured power vent water heaters had a higher temperature Hi-Limit switch.
- As of Dec 2006, on all power vented water heaters manufactured, the one-time Hi Limit switch was changed to a lower temperature auto resettable Hi-Limit switch that will protect the new ULC S636 approved venting. This new Hi-limit switch will require replacement less often because it resets itself automatically after the heater cools down.



- All power vented 40, 50 & 60 gallon water heaters manufactured after December 05, 2006 will have an auto-resettable hi-limit with two grey wires (P/N 61000). This switch can be used with ULC S636 approved venting systems when venting is connected to the water heater with a PVC transition adapter (P/N 61001 for 2" & P/N 53799 for 3")



- Hi-limit Switches with two yellow wires (P/N 71080) manufactured prior to December 05, 2006 are set to protect ABS vent piping systems which can operate at higher temperatures. These parts will still be available as a service part.
- Should the plastic venting system be replaced with ULC S636 approved venting, a PVC adapter kit (P/N 73901 for 2" & P/N 73876 for 3") must be installed. This kit comes complete with a new hi-limit switch (P/N 61000) which will need to be changed and a PVC transition adapter (P/N 61001 for 2" & P/N 53799 for 3") to be installed on top of the blower as well as installation instructions.





- The hi-limit switch for the 75 gallon and the high input 50 gallon Super Flue® water heaters with the Fasco blower will remain the same. This switch has two black wires (P/N 71118). This hi-limit switch will operate with ULC S636 approved venting.

This switch will continue to be available as a service part.

Power Direct Vent (PDV) water heaters come with a sealed Jakel blower installed with a Hi-limit switch (P/N 37001) that is suitable for ULC S636 approved venting. This water heater does not require the use of a PVC adapter kit.

Service requires trade knowledge in the areas of plumbing, electricity, venting, air supply and gas supply. If you lack these skills or have difficulty understanding these instructions, you should not proceed. Enlist the help of a qualified service technician. Examples of qualified service technicians include those trained in the plumbing and heating industry, local gas utility personnel or an authorized service person.

