

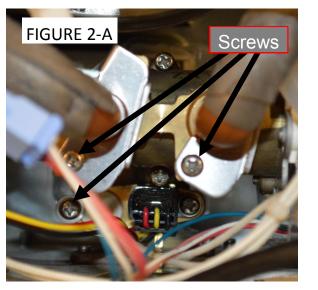
INSTALLATION INSTRUCTIONS

V94i/e, V94Xi, V75i/e, V65i/e

## WARNING

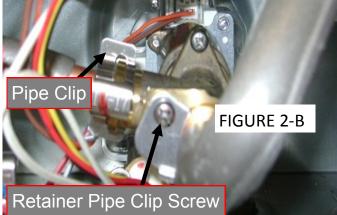
To protect yourself from harm, before performing maintenance:

- Turn off the electrical power supply by unplugging the power cord or by turning off the electricity at the circuit breaker. (The temperature controller does not control the electrical power.)
- Turn off the gas at the manual gas valve, usually located immediately below the water heater.
- Turn off the incoming water supply. This can be done at the isolation valve immediately below the water heater or by turning off the water supply to the building.
- 1 Disconnect the electrical power.
- 2 Turn off the gas supply.
- 3 Turn off water supply. Drain all water from the appliance.
- 4 Remove 4 screws securing the front panel. Remove front panel. For indoor models, remove the controller bracket.
- 5 Remove 2 screws securing inlet fixture as well as the 1 screw to the right of inlet fixture. Pull fixture away from unit (ensure fixture o-ring is intact) (FIGURE 1)
- Remove the screw(s) from Water Flow Servo retainer clip(s) as well as the screw holding in the ceramic anti-frost heater to the valve assembly. (on models with fixed bypass remove pipe clip) (FIGURE 2-A for Variable By-Pass Model, 2-B for fixed By-Pass Model)
- 7 Unplug flow sensor and flow control wire harnesses.
- 8 Remove the Water Flow Servo Valve assembly. (A small amount of water may still be present be sure not to let water come into contact with electrical components)



WARNING





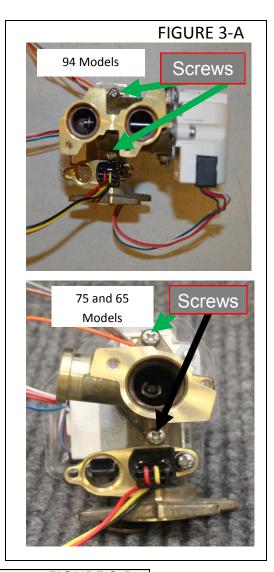
Please note that the O-rings for the two different types of By-Passes are not the same as one is smaller than the other. As the kit will include both sizes be sure to use the proper one.

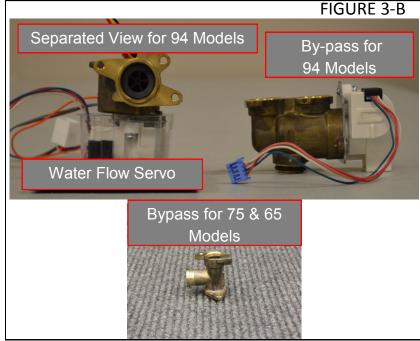
Inspect all gaskets/packings for signs of damage or corrosion. Gaskets/packings found to contain damage or that appear questionable **MUST BE REPLACED.** Failure to replace damaged or questionable gaskets may result in water leak.

- 9 Separate the Water Flow Servo Valve from the By-Pass Valve by removing 2 screws. (FIGURE 3-A and FIGURE 3-B)
- 10 Attach the new Water Flow Servo Valve to the By-pass Valve using the 2 screws. (FIGURE 3-A)
- 11 Reinstall the Water Flow Servo Valve assembly.
- 12 Reconnect flow sensor and flow control wire harnesses.
- 13 Attach the Water Flow Servo Valve retainer clips using 2 screws (1 screw per clip) as well as the 1 screw to hold in the ceramic anti-frost heater to the valve assembly (FIGURE 2)
- 14 Reinstall the inlet fixture using 2 screws as well as the 1 screw to the right of inlet fixture. (FIGURE 1)
- 15 For indoor models, reinstall the controller bracket and controller. Replace the front panel. Reinstall 4 screws securing the front panel.
- 16 Turn on the gas supply.
- 17 Turn on water supply.
- 18 Reconnect the electrical power.
- 19 Open a hot water tap and ensure there are no leaks at the water heater.

## NOTE

The O-rings for the Variable and Fixed By-pass valves are a different size and cannot be interchanged between each other. Pay attention as this kit includes both sizes.





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without notice. Local, state provincial, federal and national fuel gas codes must be adhered to prior to and upon installation.