

REPLACING OVERHEAT SENSOR (ECO)

MODELS: ALL MODELS



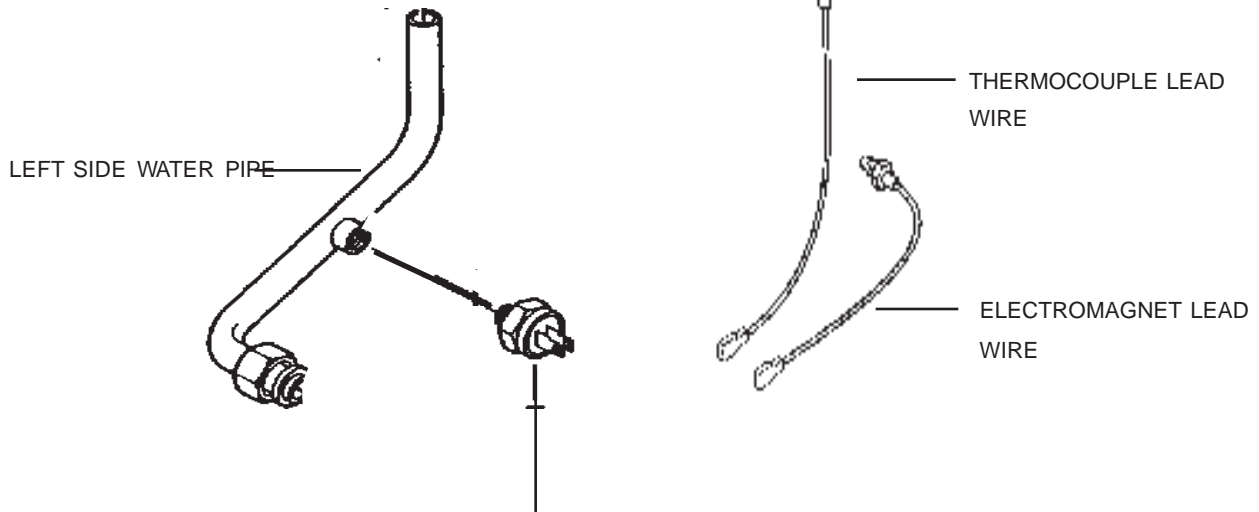
WARNING

LP & NG ARE EXTREMELY FLAMMABLE SO
TAKE EXTRA PRECAUTIONS WHEN
PERFORMING ANY WORK TO THE HEATER

The ECO is an overheat protection sensor that will shut off all gas to the Aquastar in the event of overheating. If experiencing frequent pilot outages during or just after use, first test the ECO before replacing it. One easy test is to relight the pilot or just run the water on the models 125X,HX,FX. If this is easy and the pilot flame remains burning after the pushbutton has been held in for 15 seconds or the burners stay fired on the model 125X,HX,FX while the water is run, then the ECO is not at fault. Replacing the ECO should only be necessary when the pilot flame will not hold unless the ECO is bypassed. To test this, connect a short piece of wire between the two lead wires that normally connect to the ECO and light pilot again or just run the water on the model 125X,HX,FX.

TO REPLACE ECO

- Pull off both thermocouple and electromagnet lead wires connecting to ECO.
- Undo ECO with a 22 mm or large adjustable wrench from copper water pipe on left side of heater. ECO is outside of the pipe and not in the water path.
- Mount new ECO and reconnect lead wires to it. Wires may be mounted to either tab on ECO.



- ECO LOCATION ON 125B MODELS IS SHOWN,
LOCATION ON 38B IS SLIGHTLY DIFFERENT