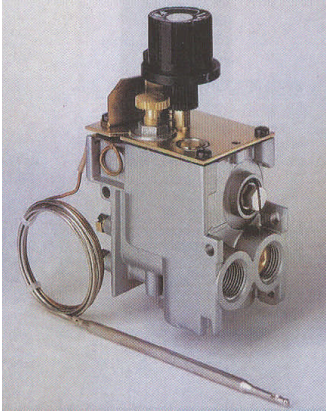
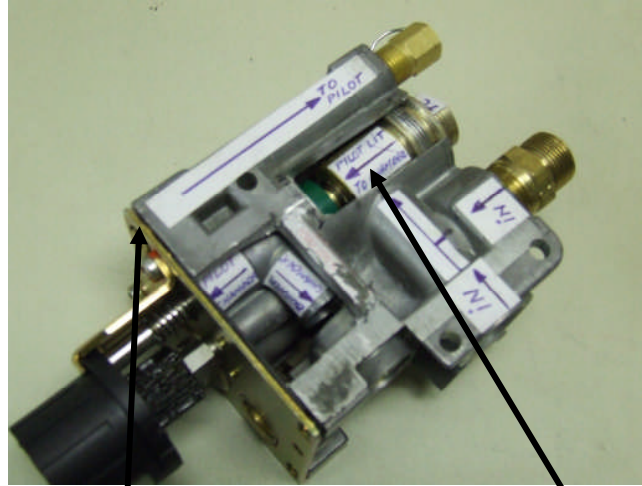


## Eurosit 630

The 630 EUROSIT is a multifunction single knob valve with combined modulating/snap thermostat control.



**630 Euro SIT Control**

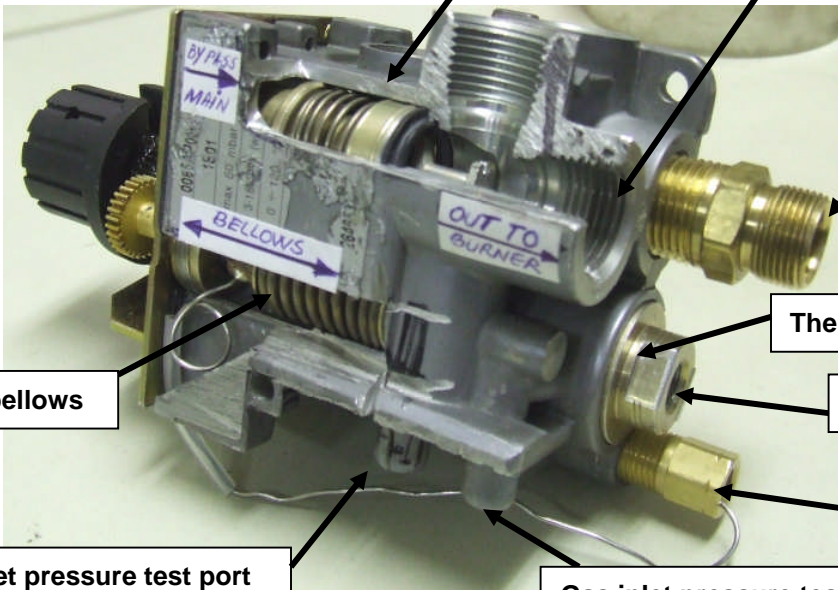


Thermoelectric Flame failure

Pilot outlet with gas flow adjustment

Snap and modulating gas valve

Main gas inlet and outlet at side or bottom



Thermostatic bellows

Thermoelectric pilot safety valve

Thermocouple connection.

Pilot gas outlet

Gas outlet pressure test port

Gas inlet pressure test port

This control, although very similar to the mechanical controls found on Garland's current models of ranges/griddles, has several major economical efficiencies that offer reliability advantages to the customer.

1. It is a safety valve, and thermostat in one assembly, and the safety valve is away from traditional high heat environment of the oven burner.
2. The safety valve (should not be removed from the body of the control for any reason.
3. Familiar Open circuit, closed circuit, and drop out checks should be made if the internal safety valve is suspected to be at fault.
4. **This control does not require any initial flame setting (currently known as "bypass"). The control has an internal fixed bypass orifice.**
5. **This control does not require internal calibration. (Some minor knob adjustments could be appropriate, but it would be rare.**
6. **If a Sit control component is suspected to be internally at fault, replace the control.**
7. **Initial gas pressure checks are required to validate that the control cannot control knob set temperature.**

#### Thermocouple replacement:

- Remove left and middle grates.
- Remove grate support gas line cover
- Remove gas line shield
- Remove Grease crumb tray
- Remove left column trim piece, 3 screws then push down and pull off..
- Remove left combustion chamber plate- 2 screws, tilt and remove.
- Remove the two screws holding the pilot assembly.

Note: you can remove the oven bottoms for easier access.

- #10 metric wrench used on thermocouple fittings; be careful not to lose the thermocouple adapter.
- "Fish" the thermocouple down and out  
**BE CAREFUL NOT TO DAMAGE THE THERMOSTATS' CAPILLARY.**
- Install the new thermocouple using the above procedure, but in reverse.

#### Thermostat replacement:

- Remove left and middle grates.
- Remove grate support gas line cover
- Remove gas line shield
- Remove Grease crumb tray
- Remove left column trim piece, 3 screws then push down and pull off.
- Pull capillary out of clamp located on the left side of the oven, and fish it back up to the Thermostat.
- Remove the gas lines from the valve. You will also need to remove the fittings from the valve.
- Remove the two nuts and bolts that hold the thermostat in place. (Do not lose)
- When installing the valve, be sure the fittings removed from the valve are installed in the same location where they were found on the thermostat that is being replaced.
- Reverse the process listed above, and check for leaks.
- Perform an operational check of the new component using your pyrometer as a crosscheck. Temperature recovery should become most accurate as temperature increases.