

## Zone Sensor / T-stat



The ZS thermostat is commonly used for zone two thru four thermostats.

**The home screen** will display room temperature, zone mode icon and a fault bell if a system fault is detected.

**The Zone Temp set point** can be adjusted by pressing the up arrow ▲ key or the down arrow ▼ key. Each press will change the effective set point one half of a degree. The effective heating and cooling set points will also display as adjustment is being made. The screen will revert back to the home screen after 5 seconds. The illustration on the right shows the room temp is 78, effective cooling set point is 76 and the effective heating set point is 70.



**The zone mode icon** will display as a snowflake when in cool mode and a flame when in heat mode. They will alternate when in auto mode. Changing modes will be discussed later from the Info Screen setup.


**The system fault bell** will only be displayed if the system has detected a system fault or the system is in a power up delay (power up delay is 5 minutes).

**The info Screen** allows for adjusting of base set points, zone mode, and displays system fault. Each display output has a reference number or text that shows in the bottom left corner. For example 601 refers to the zone mode and 1500 refers to the system faults status. The illustration below shows this zone's mode set to off. If you wanted to change the zone mode from off to auto (auto heat & cool) you would press the **i** button until the number 601 is displayed in the bottom left, the current mode will also be displayed. In this example the zone mode has been set to off. By pressing the up or down arrow one can scroll through the various modes and select the desired mode.

Information available to view or adjust from the information screen include:

- 601 refers to Zone Mode
  - Off – This zone will not run.
  - Cool – Zone will be allowed to run in cooling mode only as needed
  - Heat – Zone will be allowed to run in heating mode only as needed
  - Auto – Zone will be allowed to run in heating or cooling mode as needed, also referred to as auto changeover mode.
  - E-heat – When in E-heat the compressors will be locked off and optional strip heaters will be used for heating the zone as needed.
- 1500 refers to System Fault status. If the system is in a fault condition this information would be good to transfer to the service personal when they are called (Some examples are No Faults, Low Pressure trip, High Pressure trip, Sensor Failure, Freeze, Master switch off)
- Occ cool set point
- Occ heat set point
- Un-Occ cool set point
- Un-Occ heat set point
- Others may be present depending on zone being accessed. Call installing dealer if adjustment is needed.



**The Manual override button**  can be used to override the system if the system is un-occupied.

**The Green LED** in middle will come on when the system is occupied and off when un-occupied. Each ZS thermostat is addressed for the zone it's controlling, thermostats can't be freely moved from zone to zone unless address is changed. Contact the installing dealer before moving thermostats.