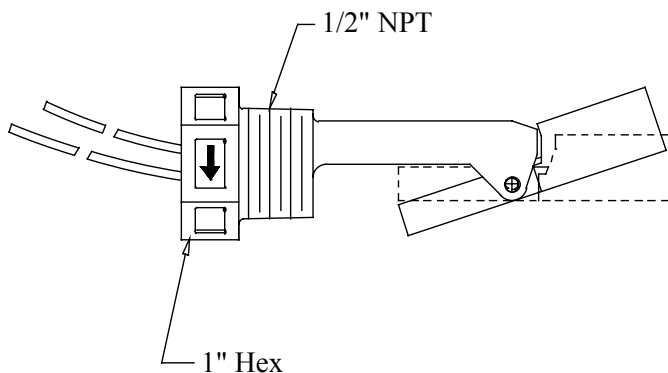
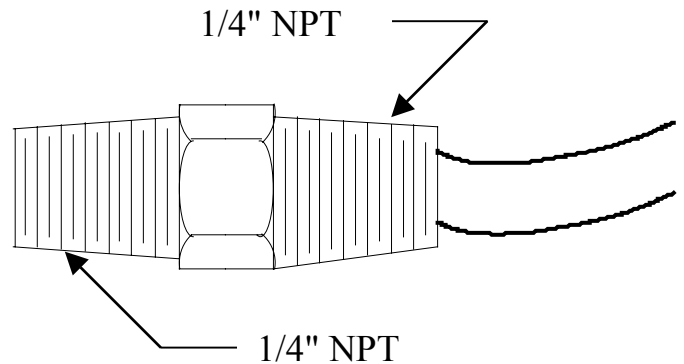


# Temperature and Fluid Level Switches

Temperature and level switches are standard equipment on all **Hart-A-Gen** generators. The **temp switch** is always located **below** the level switch.

The contact rating for the temperature switch is **4 amps**.

The temp switch is preset at **195 °F**. This setting cannot be adjusted.



The level switch must be installed above the temperature switch and oriented as shown on the left with **the arrow pointing down**.

The switch is a reed switch whose contacts open and close by interaction with a magnet located in the stem of the float.

The dashed lines indicate the condition of low-level in the reservoir. When the level is low, the float moves downward placing the magnet next to the reed contacts. In this position the contacts close, completing the circuit for energizing an alarm.

The solid lines indicate the float's position whenever the fluid level is above the switch's location on the reservoir. This high-level causes the float to rise, thereby moving the magnet away from the reed contacts and they spring open. This "open" position keeps the alarm from being energized.

- Switch rating is **30 Watts**
- Temperature maximum is **220 °F**
- Lead wires: **24" x 22 AWG**

**Note:** The temperature switch and the level switch both have NPT threads. Use Teflon tape and/or sealer on these threads to assure a tight seal. Do not over-tighten the switches.

**Refer to Reservoir Drawing for additional information.**