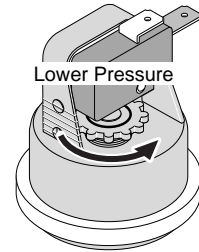
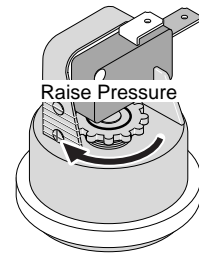
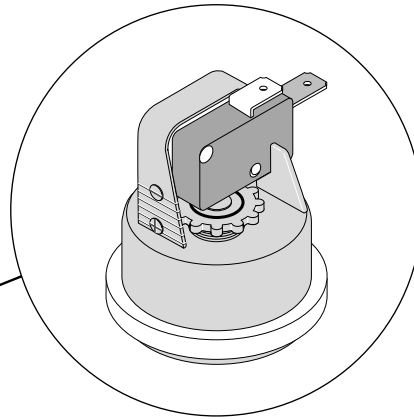
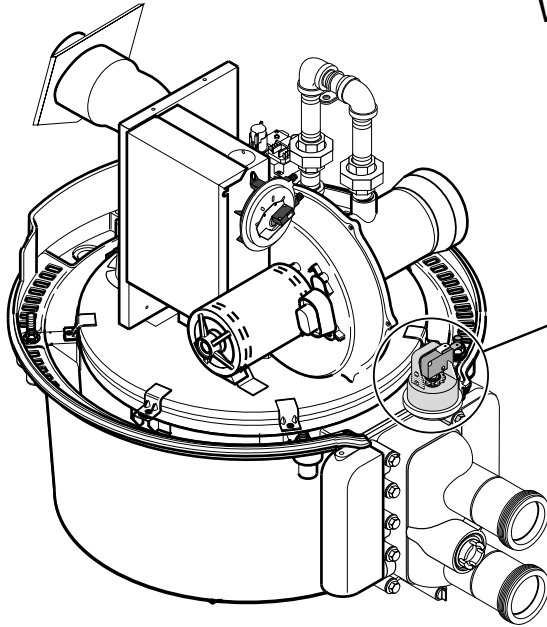


# Water Pressure Switch

## Water Pressure Switch



### **⚠ WARNING** Risk of fire, explosion, and electrical shock.

Heater service and repair must be performed by a qualified installer, service agency, or the gas supplier.

### Location

The Water Pressure Switch is located on top of the Combustion Chamber, just above the Manifold Adapter.

### Function

The Water Pressure Switch permits the Burner to fire only when there is enough water flow through the heater to allow normal operation. It opens when water flow to the heater is insufficient.

### Servicing Procedure

To replace the Water Pressure Switch:

1. Turn off the pump and all electrical power to the heater.
2. Unbolt and remove Upper Left and Upper Right Jackets from the heater.
3. If the heater is below the pool water level, close isolation valves to avoid draining the pool.
4. Open the Drain Cock under the Manifold Adapter to drain the heater.
5. Disconnect the wires attached to the Water Pressure Switch.
6. Loosen and unscrew the compression fitting on the tubing at the Water Pressure Switch.
7. Remove the Water Pressure Switch and replace it with a new one.

8. Make sure the newly installed Water Pressure Switch is properly adjusted. Refer to the Pressure Switch settings below.

### Pressure Switch Settings:

For deck-level heater installations, the Pressure Switch is factory-set at 3 psi. If the pool water level is 1-2 feet below or 1-5 feet above the Pressure Switch level, reset the switch so that it is open when the pump is off and closed when the pump is running. Turn the star-wheel on the switch clockwise to raise setting (heater below the pool) and counterclockwise to lower the setting (heater above the pool). Test the switch after resetting (see the Heater Installation section).

**NOTE:** When the pool water level is more than 2 feet below or 5 feet above Pressure Switch level, a Pressure Switch is no longer adequate. A Flow Switch must be installed instead. Minimum rating of Flow Switch must match minimum flow rate of heater.

	SR200	SR333	SR400
Min. Flow Rate	20 GPM (76 LPM)	33 GPM (125 LPM)	40 GPM (152 LPM)

### REPAIR PARTS LIST

Part Description	Qty.	Part No.
Water Pressure Switch	1	42001-0060S

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