

Connecting an *analog* Heat Siphon® to external control

Wiring methods for connecting Heat Siphon® heat pump to an Aqualink type external control.

These instructions may be applied to any external 3rd party heater controller that uses a “dry contact” relay. The external controller should NOT supply any electricity.

Preferred wiring method

This procedure will leave the Heat Siphon thermostat intact. Essentially the Heat Siphon thermostat will act as a high temp. limit switch. With the Heat Siphon thermostat set at (10), the Heat Siphon will rely on the external control to turn it on or off and heat the pool/spa up to the max. allowable by the Heat Siphon thermostat. If the Heat Siphon thermostat set to a lower temp., the external control will only be able to heat up the pool/spa to the setting the Heat Siphon thermostat is at. All other safety switches inside the Heat Siphon will remain in use.

1. Remove Thermostat knob and control box door. Notice two wires coming from Thermostat are RED and BLACK.
 2. Disconnect Thermostat(RED) wire from Transformer(YELLOW or RED) wire.
 3. Run 18-gauge wire from Transformer(YELLOW or RED) wire to the external control.
 4. Run 18-gauge wire from Thermostat(RED) wire to the external control.
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Alternate wiring method

This procedure renders the Heat Siphon thermostat dormant. The Heat Siphon will now rely on the external control to turn it on or off. All other safety switches inside the Heat Siphon will remain in use.

1. Remove Thermostat knob and control box door. Notice two wires coming from Thermostat are RED and BLACK.
 2. Disconnect Thermostat(RED) wire from Transformer(YELLOW or RED) wire. Tape off Thermostat(RED) wire.
 3. Run 18-gauge wire from Transformer(YELLOW or RED) wire to the external control.
 4. Disconnect Thermostat(BLACK) wire from Water Pressure Switch terminal. Tape off Thermostat(BLACK) wire.
 5. Run 18-gauge wire from Water Pressure Switch terminal to the external control.
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