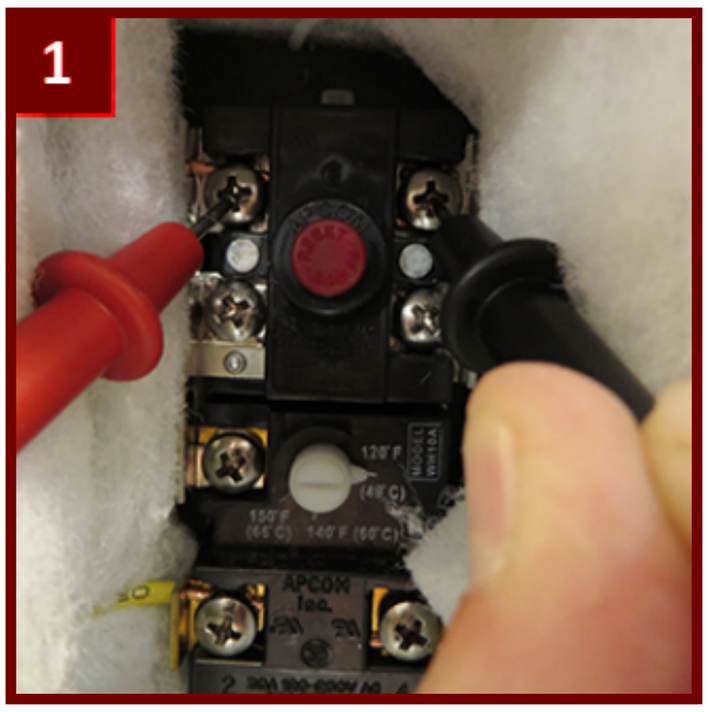
Standard Electric - No Hot Water

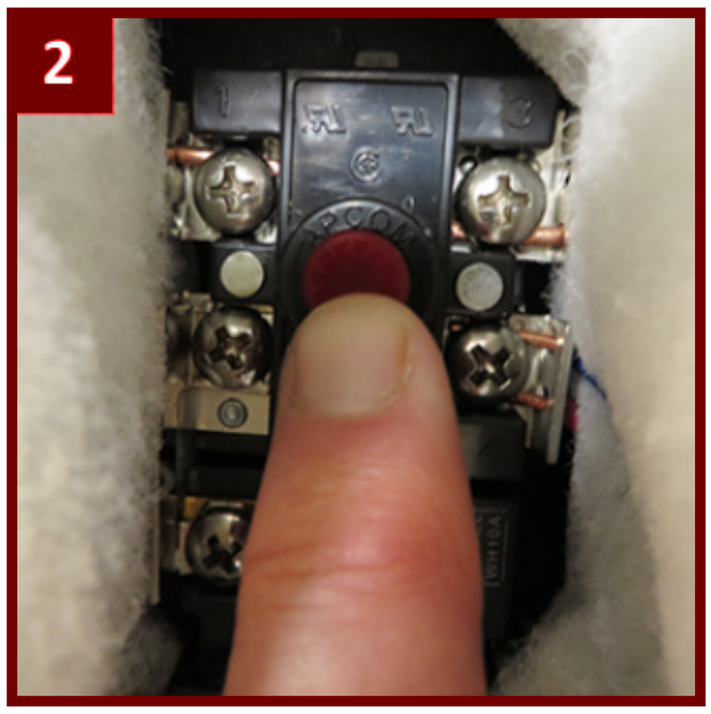
1



No Hot Water

Check for power at top two screws of upper thermostat. If 240V not present, check circuit breaker/wiring.

2



Press Reset (clicks)

Press red reset button. If button clicks, water heater got too hot which tripped the Energy Cut Off.

3

Press Reset (clicks)

Check for shorted (grounded) element: Turn power off. Disconnect power wires from each heating element. Set meter to highest resistance setting. Check resistance between each screw terminal to ground (metal tank or thermostat bracket).

Meter will read OL if element is not shorted/grounded. Lower resistance means element is shorted/grounded—replace element. If both elements are good, thermostat contacts probably welded shut causing element to be on all the time. Since the lower thermostat does most of the work, lower thermostat is the most likely to fail before upper thermostat. Replace thermostat.

4

Press Reset (did not click)

If Energy Cut Off did not trip, check upper heating element: Turn power off. Disconnect power wires from upper element. Set meter to lowest resistance setting. Check resistance between the two screw terminals on upper element.

Resistance will be between 5 and 25 Ohms if element is good (12.5 Ohms typical). If resistance is outside this range, replace element. If upper element is good, replace upper thermostat.

5

Check for Leak

If both elements and thermostats are good, check for a leak on hot water side of plumbing system.

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