

# 3 Gal. Compact Electric Water Heater: Concise Use & Care Manual

## 1. Safety

### 1.1 T&P Relief Valve

This critical valve (meets ANSI Z21.22/CSA 4.4, ASME Boiler Code) prevents tank rupture by releasing water if pressure > 125 psi or temp > 250°F (121°C). Monthly Check: Place a bucket under the overflow pipe, lift the valve lever 90°, confirm water flows freely. Release lever—flow should stop. Replace if leaking/persistent no-flow.

### 1.2 Installation Clearance

Keep 12 inches of space around the unit; combustibles ≥ 1 foot away. Follow local seismic codes for multi-mount (wall/floor).

## 2. Installation & Operation

### 2.1 Setup

Choose a level, dry spot with 240V hardwired circuit (110V incompatible). Connect water lines; install T&P valve at inlet. Turn on water first, then power (avoids element damage).

### 2.2 Normal Use

Heats water automatically. Initial T&P valve droplets (thermal expansion) are normal—persistent dripping means a faulty valve.

## 3. Maintenance & Troubleshooting

### 3.1 Regular Care (6 Months)

Inspect wiring for damage; use conduit for protection. Wipe exterior with a dry cloth (keep water off electronics).

**3.2 Fixes** No hot water: Reset circuit breaker or press the red control panel “ reset” button. Leaking T&P valve: Test (1.1) or replace. Overheating: Reset; if frequent, call a technician.

## 4. Warranty

T&P valve is warranty-covered (check manufacturer docs). Replace if it fails tests or shows corrosion/mineral buildup.

Follow local codes. For complex repairs, use a certified technician.