

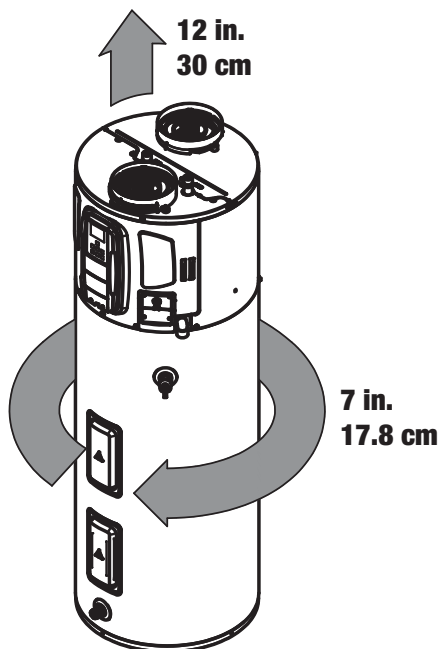
Attention Installer



As required by the state of California Proposition 65.

Recommended Clearances:

It is recommended to have a 7" (17.8 cm) clearance between any object and the rear and sides of the water heater in the event service is needed. A minimum 12" (30 cm) clearance above the water heater for air intake and discharge, and clear access to the front of the water heater, is recommended. Installations that require less than 7" (17.8 cm) clearance on the right side or rear of the water heater for earthquake straps are also acceptable (see Minimum Required Clearances section in the Installation and Operations Manual for more information) In these cases, additional clearance must be provided on the opposite side of the unit to allow for service access. If ducting is desired, additional space is required above the water heater for installation. Consult the Installation & Operation manual for specific instructions.



Scan to watch the
AeroTherm®
pre-installation video



Scan for information on
AeroTherm® operating
modes

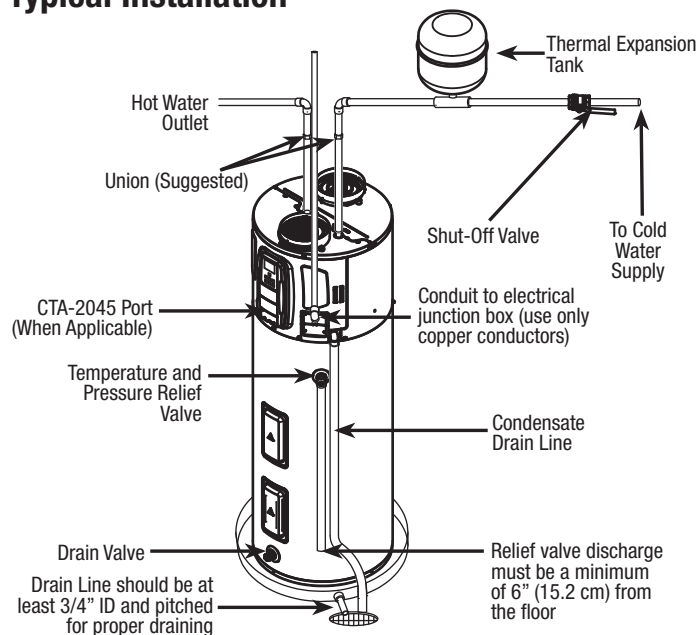
Protect Unit

During installation cover and protect upper part of the unit from potential installation debris.

Installation Checklist

- ☐ 1. **Tank location:**
 - Does room size require louvered door, ducting, or similar ventilation? 10' x 10' x 7' (700 cu. ft.) or 240 square inches (0.15 m²) open air-flow area needed.
 - Sides have recommended 7 inches (17.5 cm) of clearance. (Reduced clearance for earthquake strap installations).
 - Front of unit is free and clear.
 - Is the water heater level? If no, add shims under the base of the unit to ensure proper function of sensors.
- ☐ 2. Verify **Air Filter** is installed.
- ☐ 3. **Plumbing connections have no leaks.** After filling the tank with water, check for leaks when water is flowing and when idle.
- ☐ 4. **Condensate lines are in place:**
 - Use a 3/4" NPT 90 degree elbow turned downward to the drain/drain pan to prevent condensation back-up.
 - Flexible or rigid drain line installed and directed to a drain or condensate pump. Reducer fittings are not recommended.
- ☐ 5. **Temperature and pressure-relief valve** is working and drain line is completed per local code.
- ☐ 6. **Electrical:** Verify 208/240 VAC to L1 and L2 at tank.
- ☐ 7. **Electrical** connection does not prevent air filter removal.
- ☐ 8. **Verify** proper start up and commissioning. Assist user in how to adjust temperature and modes (see "Temperature Adjustment" section of the Installation and Operation Manual).

Typical Installation



Room Size

Because this unit draws in air from the room to heat the water, the room must be at least 10' x 10' x 7' (700ft³) [3.05m x 3.05m x 2.13m (19.82m³)] or larger. If the room is smaller, there must be a louvered door or ducting installed per the Installation and Operation Manual.

Normal Startup Conditions

Once the tank is full and power is energized, you may experience the following:

Elapsed Time	HPWH Actions	Comments
Startup	Display will provide a series of user prompts.	The last prompt will ask if the tank is filled. Be certain the tank is filled before proceeding.
0-8 Minutes	Compressor and fan turn on.	StartGuard® algorithm attempts to detect an empty or partially filled tank during this 8-minute period
8 Minutes and beyond	After the final step in StartGuard®, normal operation begins.	The water heater is operating in Hybrid mode, quickly providing an initial amount of hot water before switching to the efficient heat pump for the majority of heating.

NOTE: Heat Pump operating range is 37°F - 120°F (3°C-49°C). Outside of this range, StartGuard® will use the upper element and be complete in less than one minute