



City of Jurupa Valley, Building Department

Submittal Requirements for Heat Pump Water Heaters:

1. Partial floor or site plan showing the location of the heat pump water heater.
2. Manufacturer's specification sheet with installation instructions.
3. Demonstrate sufficient air volume and/or ventilation at the location of the water heater per manufacturer's specifications. Show which ventilation option (such as ducted, non-ducted, etc.) from the manufacturer's specifications is being utilized.
4. Existing main panel rating. (If existing main panel is less than 200 amps provide load calculations to justify the existing panel size for the new dedicated circuit)
5. Specify the size of the dedicated circuit for the water heater (volts and amps).
6. Demonstrate compliance with the 2022 California Energy Code by providing a completed CF1R-ALT-05-E form. Please complete the first and last page and sections A & H.

The form must demonstrate compliance with option 2 or 3 in section H which are reiterated below:

2. The heat pump water meets the requirements of NEEA Advanced Water Heater Specification Tier 3 or higher
3. The heat pump water heater does not meet the requirements for NEEA Tier 3 **but** meets the following conditions:
 - a. Not located outdoors.
 - b. Located on an incompressible, rigid insulated surface with a minimum thermal resistance of R-10.
 - c. Has a communication interface that either meets the requirements of California Energy Code Section 110.12(a) or has an ANSI/CTA-2015-B communication port.

The following conditions must be addressed during installation and will be verified by the building inspector:

1. Accessible new and existing hot and cold-water pipes from the storage tank must be insulated according to 2022 California Energy Code section 150.0(j).
2. An appropriate condensate drain must be installed.
3. The storage tank must have seismic bracing at 1/3 and 2/3 of the tank height.
4. If the water heater being replaced was a natural gas water heater, the natural gas line must be capped off and the gas valve removed.