

Multifamily Heat Pump Water Heater Qualifying Equipment Requirements

Multifamily Incentives — Heat Pump Water Heater		
System Type	Previous Water Heating Source	Requirements
Individual Heat Pump Water Heater (In-Apartment)	Gas/Propane/ Electric Resistance to Heat Pump Water Heater	<ul style="list-style-type: none"> • Must be California Energy Commission JA13 compliant • Must have a CTA-2045 port or be certified as an Energy Star® connected water heater • Thermostatic mixing valves must be installed and must conform to ASSE 1017 or have built-in thermostatic mixing valves that conform to UL 60730-1, ASSE 1082, or ASSE 1084 • Must be correctly sized to meet or exceed first hour rating (FHR) requirements as described in the California Plumbing Code based on bedroom and bathroom count for each apartment • Must meet or exceed manufacturer ventilation requirements • The contractor must set the heat pump water heater to execute at a minimum the basic load-up and light shed demand management functionality based on the local utility's TOU rates as defined in JA13. This demand management functionality will signal the heat pump water heater to store thermal energy during certain times and to avoid electricity usage at different times
Central Heat Pump Water Heater	All Non-Heat Pump Systems	<ul style="list-style-type: none"> • Systems must be 100 percent electric systems. No fossil fuel-heated auxiliary systems, swing tanks, or parallel loop systems • Large heat pump systems must be approved for use in CBECC; unitary systems must be JA13 compliant or meet the requirements of Version 2.0 or later of the ENERGY STAR® Commercial Water Heater Specification • Thermostatic mixing valves must be installed and must conform to ASSE 1017 or have built-in thermostatic mixing valves that conform to UL 60730-1, ASSE 1082, or ASSE 1084. • Must comply with the TECH Clean California Heat Pump Water Heater Multifamily Central Communication and Control Requirements • Incentives are based on the as-built system as entered into the Ecosizer TECH Clean California Heat Pump Water Heater Incentive Calculator

Individual Apartment Electrical Upgrades (For In-Apartment Unitary Heat Pump Water Heater Installations):
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