

Appendix A. TECH Clean California Initiative Multifamily Qualifying Equipment

Multifamily Incentives — HPWH		
System Type	Previous Water Heating Source	Requirements
Individual HPWH (In-Apt or Communal Spaces)	Gas/Propane to HPWH	<ul style="list-style-type: none"> •240v Residential HPWHs: Multifamily requirements shall align with standard single family HPWH incentive requirements. Unless otherwise changed, all units must be qualified as NEEA Tier 3 or JA-13 compliant. •120v “Plug-In” Residential HPWHs: All units are eligible, regardless of NEEA tier. •Thermostatic Mixing Valves are required on all HPWH systems receiving multifamily incentives. The mixing valves can either be embedded within the unit or as a separate addition.
	Electric Resistance to HPWH	
Central HPWH	All Non- Heat Pump Systems	<ul style="list-style-type: none"> •Systems are 100% electric systems. No fossil fuel-heated auxiliary systems, swing tanks, or parallel loop systems. •Heat Pump equipment must be approved for use in CBECC <ul style="list-style-type: none"> •TMVs are required on all HPWH systems receiving multifamily incentives. The TMVs can either be embedded within the unit or as a separate addition. •Storage volume based only on storage tanks that are part of Central HPWH plant. Piping, expansion tanks, and other HPWH/water heating equipment that is not defined as a storage tank does not count towards storage volume calculation.
Pool or Spa Heating	All Non- Heat Pump Systems	<ul style="list-style-type: none"> •100% electric systems (no natural gas or propane auxiliary systems). The system shall have a rated COP of ≥ 4.0 at 50F AT, 63% RH, and 80F WT in accordance with AHRI Standard 1160

Multifamily Incentives — HVAC			
System Type	Previous Space Heating Source	HVAC Type	Requirements
Individual HVAC (In-Apt or Communal Spaces)	Non-Heat Pump Systems	Split or Packaged Rooftop/Multi-position Heat Pump (ducted or ductless)	<ul style="list-style-type: none">•Meet AHRI Standard (210/240)•contractor must upload documentation indicating evidence of load sizing calculations
		PTHP, SPVHP, or unitary through the wall/ceiling Heat Pump	<ul style="list-style-type: none">•Meet AHRI Standard (310/380, 390)•contractor must upload documentation indicating evidence of load sizing calculations
Central HVAC (2+ apt)		HP HVAC equipment serving multiple apartments	<ul style="list-style-type: none">•Meet AHRI Standard applicable to system type•contractor must upload documentation indicating evidence of load sizing calculations
Multifamily Incentives — Electrical Upgrades			
System Type	Previous Equipment	Requirements	
Individual Apartment Electrical Upgrades	Undersized apartment electrical infrastructure	<ul style="list-style-type: none">•Apartment Panel or Sub Panel Upgrades, Feeder Upgrades, or Service Disconnect Upgrades that is completed as part of an apartment’s HPWH or HP HVAC installation•Apartment unit must have received a TECH funded HP HVAC or HPWH and must be all-electric after the electrical upgrade	