

Building Division: 408-615-2440
Email: Building@santaclaraca.gov
Permit Center: 408-615-2420

Email: PermitCenter@santaclaraca.gov

Automated Inspection Scheduling System: 408-615-2400

## OUTDOOR AIR CONDITIONING SYSTEM

Applicable codes: California Energy Code, California Electrical Code (CEC), California Mechanical Code (CMC). A plot plan (8 ½ x 11 min. size paper) must be submitted showing property lines, house and other buildings on the lot, the physical size and location of the condensing unit, the dimensions of the unit and all distances from property lines. **ALL** outdoor units require Planning Division approval prior to installation. Duct system sealing and leakage testing is mandatory in all climate zones (CNC 150m11).

Fuse or circuit breaker rating cannot exceed max. OCPD rating on nameplate.

(CEC 440.4B)

single-phase branch circuits rated 150 volts to ground or less, 50 amperes or less, shall have ground-fault circuit-interrupter protection for personnel. CEC210.8(F)

Conductors inside exterior conduits must be rated for wet locations – NM cable is not allowed. (CEC 300.9)

Conductor ampacity must be at least the size marked on the nameplate. (CEC440.4B)

Condenser must be a minimum of 5 ft. from a clothes dryer vent outlet (Energy 150.0(h)3A)

Secure condenser to pad and pad to the ground or slab. (Screws into the foam pad NOT OK.) (CMC 303.4)

Minimum energy efficiencies are SEER 14 and EER 12.2

Disconnect requires a minimum of 36 inches front working space for width of 30 in. (CEC 110.26A). Do not install switch directly behind condenser.

Disconnect must be within sight of condenser (max. 50 ft. with no obstructions to view). (CEC 440.14)

Insulation covering refrigerant suction piping outside of conditioned space must have vapor retarder outside the insulation (CNC 150.0j3B). All penetrations must be sealed.



GFCI-protected outlet within 25 ft. of unit and on same level. (CEC 210.63) Exterior outlets must be listed TR and WR. Wet location outlets require in-use cover. The hood cover must be "extraduty" – not plastic

Min. 5 ft. setback required from Property Line.

Refrigerant access ports (Schraeder valves) require locking caps (CMC 1105.11)

See handout for condensate disposal requirements