Outdoor Air Conditioning System – 2013 California Codes

A plot plan (on at least 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.

- **Fuse or circuit breaker rating cannot exceed max. OCPD rating on nameplate.** (CEC 440.4B)
- **Conductors inside exterior conduits must be rated for wet locations – NM cable is not allowed.** (CEC 300.9)
- **Condenser must be a minimum of 5 ft. from a clothes dryer vent outlet** (Energy 150.0(h)3)
- **Secure condenser to pad and pad to the ground or slab.** (Screws into the foam pad NOT OK.) (CMC 303.5)
- **Condenser 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 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** (California Energy Code 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.
- **Refrigerant access ports (Schraeder valves) require locking caps** (CMC 1106.14)
- **Min. 5 ft. setback required from Property Line.**

Effective 1/1/2015
Minimum energy efficiencies are
SEER 14 and EER 12.2

See handout A44-2 for condensate disposal requirements