



Air Conditioner/Ductless Mini-Split Permit Requirements

Planning Building & Transportation
2263 Santa Clara Ave., Room 190
Alameda, CA 94501
510.747.6800
Hours: 8:30-3:00 Mon-Thur

ELECTRICAL

- **Service Receptacle:** Provide a 15/20 amp receptacle at an accessible location within 25' of the condenser unit. If located outside, the receptacle shall be GFCI protected, weather-resistant, and in a weatherproof, extra duty cover, (bubble cover). CEC 210.8, 210.63, & 406.8 (residential exempt)
- **AC Condenser Disconnect:** An electrical disconnect for the unit shall be provided within sight of the unit and readily accessible (not mounted behind the unit) 30" x 36" clearance. The main electrical panel shall be labeled with the circuit for the new equipment. CEC 440.11, 440.14, & 408.4(A)
- **Mini-Split Disconnect:** An electrical disconnect or listed cord and plug for interior units shall be provided within sight of the unit or using lockable disconnect at power source when not within sight to comply with CEC 110.25. CEC 440.14
- **Circuit Breaker:** Verify that circuit breaker &/or fuse are sized per the appliance name plate. CEC 440.4(B)

GENERAL

- **Setbacks:** The City of Alameda has no setback requirements. Follow the manufactures instructions. Do not block the only 3' egress path from the rear yard to the front right of way.
- **Support:** Ducting/tubing shall be supported per CMC 603 & 1109
- **Insulation:** UV resistant insulation shall be installed on refrigerant lines. ASTM B280
- Manufactures instructions shall be left with the appliance. CMC 307.3
- **Slab or Platform:** The condenser unit shall be located and secured to a 3" thick slab or approved platform. CMC 1105.2
- **Clearance to Clothes Dryer Vent:** When located outdoors, the condensing unit shall be ≥ 5' from the termination of a clothes dryer vent. CEES 150.0(h)3(A)
- **Penetrations:** Penetrations shall be sealed with approved flashing/caulking.
- **Port Protection:** Air conditioning refrigerant circuit access ports located outdoors shall be protected from unauthorized access with locking-type tamper-resistant caps. CMC 1105.11

CONDENSATES

- Discharged to an approved plumbing fixture via indirect waste: tail piece, mop sink, ceiling tile, above shower/tub. **CMC 310.1**
- Discharged to approved disposal area: **CMC 310.1**
 - Into the ground.
 - Not the driveway or any other location that can drain to the street.
 - Cannot drain to crawl space or basement floor.
 - Roof downspout (approved material) into approved disposal area.
- Shall be made of corrosion-resistant material. **CMC 310.1. & CMC 811.1**
- $\geq 1\%$ slope. **CMC 310.1**
- Condensate pump discharge shall rise vertically to a point where it is possible to connect to a gravity condensate drain & discharge to an approved location. Pump shall be interlocked with the equipment to prevent the equipment from operating during a failure. **CMC 310.1.1**
- Condensates shall be provided with a cleanout. **CMC 310.3.1**
- Condensates shall be trapped per the manufactures instructions.

AC CONDENSER

