



City of Santa Monica Building and Safety Division

Wall Furnace Installation Guide

This list is to be used as a general guide.

It is not inclusive of all code requirements and inspection criteria.

Per California Mechanical Code (CMC)

California Codes Available at www.bsc.ca.gov

- Listed wall furnaces shall be installed in accordance with their listings and manufacturer's installation instructions. CMC 907.1 (1)
- Unlisted wall furnaces shall not be installed or attached to combustible materials. CMC 907.1 (2)
- Type B-W gas vent shall be attached directly to a solid header plate that serves as a firestop. CMC 907.1 (3)
- The 14 ½" stud space in which the vented wall furnace is installed shall be ventilated at the first ceiling level by installation of the ceiling plate spacers. Ceiling plate spacers to center BW gas vent in stud space. CMC 907.1 (3)
- Firestop spacers shall be installed at each subsequent ceiling or floor level penetrated by the vent. CMC 907.1 (3)
- Wall furnaces shall be located so as not to cause a hazard to walls, floors, curtains, furniture or doors. CMC 907.2. See manufacturer installation manual for clearances.
- A gas vent passing through a roof shall extend through entire roof flashing, roof jack or roof thimble terminating with listed termination cap or listed roof assembly. CMC 802.6.2.5

VENT TERMINATION

- Gas vents 12" inches or smaller with listed cap shall terminate 8' from vertical wall or similar obstruction. CMC 802.6.2 (1)
- Type BW gas vent shall terminate at least 12ft in vertical height above the bottom of wall furnace. CMC 802.6.2.2
- Decorative shroud shall not be installed at the termination of gas vents unless the shroud is listed for use with specific gas venting system and is installed in accordance with the manufacturers' installation instructions. CMC 802.6.2.4
- All gas vents shall terminate at least 3ft above a forced air inlet located within 10ft. CMC 802.6.2.5