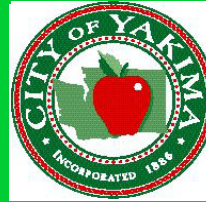


This information is not a complete statement of all codes, Laws, or Rules and it is not a substitute for the International Mechanical Code. Please consult with the City of Yakima Code Administration Office, to be sure that you understand all requirements before beginning work.

Inspectors will be verifying units are installed in accordance with the manufacturer's installation specifications.

EXEMPT MECHANICAL WORK

1. A Portable heating appliance, portable ventilating equipment, portable cooling unit or portable evaporative cooler.
2. A closed system of steam, hot or chilled water piping within heating or cooling equipment regulated by this code.
3. Replacement of any component part or assembly of an appliance which does not alter its original approval and complies with other applicable requirements of this code.
4. Refrigerating equipment which is part of the equipment for which a permit has been issued pursuant to the requirements of this code.



General Mechanical Code Checklist

City of Yakima
Building Division

A mechanical system regulated by this code shall not be installed, altered, repaired, replaced or remodeled unless a separate mechanical permit for each separate building or structure has first been obtained from the building official.

Gas Piping

1. Test holds at least 30 lbs for 15 minutes.
2. Shut-off and union within 3 ft of appliances.
3. Supported: 1/2" every 6' 3/4" or 1" every 8'.
4. Underground: wrapped to at least 6" above grade and must have at least 12" of cover (can not be under a slab).

City of Yakima, Code Administration

129 N. 2nd St.

Yakima, WA 98901

(509) 575-6126

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CITY OF YAKIMA

Location

1. Bedroom-Direct vent only.
2. Alcove or closet-must be listed for this.
3. Bathroom-if there is a shower or tub, direct vent only.
4. Garage-18" off floor to burner, switch or electrical coil.

Combustion Air

Is the room big enough to not require extra combustion air? Need at least 50 cu ft per 1000 BTUs (input).

If required, must have two openings: one within 12" of the top of the room and one within 12" of the floor.

How to figure:

- All air from inside the bldg.-1 sq in per 1000 BTUs.
- All air from outside the bldg. (vertical)-1 sq in per 4000 BTUs.
- All air from outside the bldg (horizontal)-1 sq in per 2000 BTUs.
- Can't have dampers on combustion air openings.

Venting

Proper size and type.

Multiple appliances: area of the largest vent plus half the areas of all other appliance.

If masonry chimney: is it lined?

Are chimney connectors sloped toward the chimney at least 1/4" per ft. proper vent termination?

Gas Logs

- Shut-off valve within 4' of fireplace.
- Is the log listed for the use in factory built fireplaces? (if applicable)
- Is the chimney lined? (if masonry).
- Is the damper removed or clipped open?

Gas Inserts

Is it listed for factory built fireplaces? (if applicable).

Must have a shut-off valve somewhere before the insert so the insert can be removed from the fireplace for service.

Chimney Liner?

Clearances to combustibles?

General

Condensate drain lines to approved drain or outside (condensing furnaces can't drain outside).

Check clearances to combustibles (furnace and vent pipe).

Duct insulation if new ducts.

Garage installation: ductwork must be all metal in garage with no openings