

**307.3 Heat Pump Appliances.** Heat pumps shall bear a permanent and legible factory-applied nameplate on which shall appear:

**307.3.1** The name or trademark of the manufacturer.

**307.3.2** The catalog model nomenclature.

**307.3.3** The amount and type of refrigerant.

**307.3.4** The factory test pressures or pressures applied.

**307.3.5** The symbol of an approved agency certifying compliance of the equipment with recognized standards.

### **308.0 Location.**

**308.1 Protection Against Damage.** Appliances installed in garages, warehouses, or other areas subject to mechanical damage shall be guarded against such damage by being installed behind protective barriers or by being elevated or located out of the normal path of vehicles.

Heating and cooling equipment located in a garage and that generates a glow, spark, or flame capable of igniting flammable vapors shall be installed with the pilots and burners or heating elements and switches at least eighteen (18) inches (457 mm) above the floor level.

Where such appliances installed within a garage are enclosed in a separate, approved compartment having access only from outside of the garage, such appliances may be installed at floor level, provided the required combustion air is taken from and discharged to the exterior of the garage.

Heating equipment located in rooms where cellulose nitrate plastic is stored or processed shall comply with the Fire Code.

**308.2 Protection Against Flood Damage.** For buildings located in flood hazard areas, heating, ventilating, air-conditioning, refrigeration, miscellaneous heat-producing, and energy-utilizing equipment and appliances shall be elevated at or above the design flood elevation.

**Exception:** Equipment and appliances are permitted to be located below the design flood elevation provided that they are designed and installed to prevent water from entering or accumulating within the components and to resist hydrostatic and hydrodynamic loads and stresses, including the effects of buoyancy, during the occurrence of flooding to the design flood elevation in compliance with the flood-resistant construction requirements of the Building Code.

**308.2.1 Walls Below Buildings in Flood Hazard Areas Subject to High Velocity Wave Action.** In flood hazard areas subject to high

velocity wave action, equipment and appliances, including piping, shall not be mounted on or penetrate walls intended to break away under flood loads.

**308.2.2 Air Exhaust and Intake Openings.** Outside air exhaust openings and air intake openings shall be located at or above the design flood elevation.

### **309.0 Electrical Connections.**

Equipment regulated by this code requiring electrical connections of more than fifty (50) volts shall have a positive means of disconnect adjacent to and in sight from the equipment served. A 120 volt receptacle shall be located within twenty-five (25) feet (7,620 mm) of the equipment for service and maintenance purposes. The receptacle need not be located on the same level as the equipment. Low-voltage wiring of fifty (50) volts or less within a structure shall be installed in a manner to prevent physical damage.

### **310.0 Condensate Wastes and Control.**

**310.1 Condensate Disposal.** Condensate from air washers, air-cooling coils, fuel-burning condensing appliances, and the overflow from evaporative coolers and similar water-supplied equipment or similar air-conditioning equipment shall be collected and discharged to an approved plumbing fixture or disposal area. If discharged into the drainage system, equipment shall drain by means of an indirect waste pipe. The waste pipe shall have a slope of not less than 1/8 inch per foot (10.5 mm/m) or 1 percent slope and shall be of approved corrosion-resistant material not smaller than the outlet size as required in either Section 310.3 or 310.4 for air-cooling coils or condensing fuel-burning appliances, respectively. Condensate or wastewater shall not drain over a public way.

**310.2 Condensate Control.** When a cooling coil or cooling unit is located in an attic or furred space where damage may result from condensate overflow, an additional watertight pan of corrosion-resistant metal shall be installed beneath the cooling coil or unit top to catch the overflow condensate due to a clogged primary condensate drain, or one pan with a standing overflow and a separate secondary drain may be provided in lieu of the secondary drain pan. The additional pan or the standing overflow shall be provided with a drain pipe, minimum 3/4 inch (19.1 mm) nominal pipe size, discharging at a point that can be readily observed.

This requirement is in addition to the requirements in Sections 310.3 and 310.4.

**310.3 Condensate Waste Sizing.** Condensate waste pipes from air-cooling coils shall be sized in accordance with equipment capacity as follows: