

**1346.0505 SECTION 505 DOMESTIC KITCHEN EXHAUST EQUIPMENT.**

IMC Section 505.1 is amended to read as follows:

**505.1 Domestic systems.** Where domestic range hoods and domestic appliances equipped with downdraft exhaust are located within dwellings, the hoods and appliances shall discharge to the outdoors through ducts constructed of galvanized steel, stainless steel, aluminum, or copper. The ducts shall have smooth inner walls and shall be air tight and equipped with a backdraft damper. Domestic kitchen exhaust hoods ducted to the outdoors shall have makeup air provided according to part 1346.0501. Refer to Appendix C for Table C-1, "Recommended Capacities for Domestic Kitchen Exhaust Hoods."

**Exceptions:**

1. Where installed according to the manufacturer's installation instructions and where mechanical or natural ventilation is otherwise provided according to IMC Chapter 4, listed and labeled ductless range hoods shall not be required to discharge to the outdoors.
2. Ducts for domestic kitchen cooking appliances equipped with downdraft exhaust systems shall be permitted to be constructed of Schedule 40 PVC pipe provided that the installation complies with all of the following:
  - 2.1. The duct shall be installed under a concrete slab poured on grade.
  - 2.2. The underfloor trench in which the duct is installed shall be completely backfilled with sand or gravel.
  - 2.3. The PVC duct shall extend not greater than 1 inch (25 mm) above the indoor concrete floor surface.
  - 2.4. The PVC duct shall extend not greater than 1 inch (25 mm) above grade outside of the building.
  - 2.5. The PVC ducts shall be primed and solvent cemented in accordance with ASTM D2564.

**Statutory Authority:** *MS s 16B.59; 16B.61; 16B.64; 326B.101; 326B.106; 326B.13*

**History:** *29 SR 299; L 2007 c 140 art 4 s 61; art 13 s 4; 34 SR 537*

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