

2015 UMC

10-02-0000

Environmental Air Duct. Ducting used for conveying air at temperatures not exceeding 250°F (121°C) to or from occupied areas of any occupancy through other than heating or air-conditioning systems, such as ventilation for human waste, domestic kitchen range exhaust, bathroom exhaust ducts, and domestic-type clothes dryer exhaust ducts.

Product-Conveying Duct. Ducting used for conveying solid particulates, such as refuse, dust, fumes, and smoke; liquid particulate matter, such as spray residue, mists, and fog; vapors, such as vapors from flammable or corrosive liquids; noxious and toxic gases; and air at temperatures exceeding 250°F (121°C).

502.0 Termination.

502.1 Exhaust Opening Protection. Exhaust openings terminating to the outdoors shall be covered with a corrosion-resistant screen having not less than 1/4 of an inch (6.4 mm) openings, and shall have not more than 1/2 of an inch (12.7 mm) openings.

Exception: Clothes dryers.

502.2 Termination of Exhaust Ducts. Exhaust ducts shall terminate in accordance with Section 502.2.1 through Section 502.2.3.

» **502.2.1 Environmental Air Ducts.** Environmental air duct exhaust shall terminate not less than 2 feet (614 mm) from a property line, 10 feet (3048 mm) from a forced air inlet, and 3 feet (914 mm) from openings into the building. Environmental exhaust ducts shall not discharge onto a public walkway.

» **502.2.2 Product Conveying Ducts.** Ducts conveying explosive or flammable vapors, fumes, or dusts shall terminate not less than 30 feet (9144 mm) from a property line, 10 feet (3048 mm) from openings into the building, 6 feet (1829 mm) from exterior walls or roofs, 10 feet (9144 mm) from combustible walls or openings into the building that are in the direction of the exhaust discharge, and 10 feet (3048 mm) above adjoining grade.

Other product-conveying outlets shall terminate not less than 10 feet (3048 mm) from a property line, 3 feet (914 mm) from exterior walls or roofs, 10 feet (3048 mm) from openings into the building, and 10 feet (3048 mm) above adjoining grade.

502.2.3 Commercial Kitchen Ducts. Commercial kitchens exhaust ducts shall terminate in accordance with Section 510.9 or Section 510.10.

City of Austin Ordinance

402.3.1 Intake Opening Location. An air intake opening must comply with Table 402.3.1 and

1. must be located at least 10 feet (3048 mm) from lot lines or buildings on the same lot;
2. except as provided below or in Table 402.3.1, a mechanical or gravity outdoor air intake must be located at least 10 feet (3048 mm), measured horizontally, from any hazardous or noxious contaminant source, including vents, streets, alleys, parking lots and loading docks;
3. an outdoor air intake opening may be located within 10 feet (3048 mm), measured horizontally, from streets, alleys, parking lots, and loading docks if the openings are located at least 25 feet (7620 mm) vertically above those locations;
4. an intake opening must be located at least three feet (914 mm) below contaminant sources or as set forth in Table 402.3.1 when the sources are located within 10 feet (3048 mm) of the opening;
5. an intake opening on a structure located within a flood hazard area must be at or above elevation required by Section 1612 of the International Building Code for utilities and attendant equipment.

When measuring distance, an opening that fronts a street or public right of way is measured from the closest edge of the street or public right of way.