



Note: Exhaust Duct Penetrate Through Existing Window Opening



NSF TESTING LABORATORY
ANN ARBOR, MICH.

BUILT
IN
ACCORDANCE
WITH
NFPA
No. 96

1. **Ventilators & Duct:** shall be designed, constructed, and installed in accordance with the International Mechanical Code.
2. **Exhaust Hood:** shall be designed, constructed, and installed in accordance with the International Mechanical Code.
3. **IMC 507.4 Materials:** Type I hoods shall be constructed of steel not less than No. 18 MSG in thickness, or stainless steel not less than No. 20 MSG in thickness.
4. **IMC 505.3.1.1 Grease Duct Materials:** for Type I hoods shall be constructed of steel not less than No. 16 gauge in thickness, or stainless steel not less than No. 18 gauge in thickness (506.32).
5. **IMC 506.3.2 Seams, Joints, and Penetrations:** of grease ducts shall be made with a continuous liquid-tight weld or braze made on the external surface of the duct system.
6. **IMC 506.3.6 Clearances:** Grease duct systems for a Type I hood shall have a clearance to combustible construction of not less than 18 inches or wrapped in a zero tolerance fire rated duct insulation.
7. **IMC 506.3.12.3 Exhaust Outlet Termination:** shall be located no less than 10 ft. horizontally from parts of the same or contiguous buildings, adjacent property lines and air intake openings into any building where air from the exhaust outlet discharges away from such locations.
**Exception: Exhaust outlets shall terminate not less than 5 ft. from an adjacent building, adjacent property line and air intake openings into a building where air from the exhaust outlet discharges away from such locations. (IMC 506.3.12.3)
8. **IMC 506.3.12.3 Exhaust Outlet Termination:** shall be located no less than 10 ft. horizontally from parts of the same or contiguous buildings, adjacent property lines and air intake openings into any building where air from the exhaust outlet discharges away from such locations. (IMC 506.3.12.3)
9. **IMC 506.3.9 Cleanouts:** shall be installed as required by (506.3.9)
10. **Fire Protection:** Shall be provided in Type I hoods in accordance with NFPA 17A and the standards set forth by UL-300
11. **IMC 507.12 Canopy Location:** The hood shall be permitted to be flush with the outer edge of the cooking surface where the hood is closed to the appliance by side by a noncombustible wall or panel
12. **IMC 507.2.1.1 Operation:** Type I Hood Systems shall be designed & installed to automatically activate the exhaust fan whenever cooking operations occur. The activation of the exhaust fan shall occur through an interlock with the cooking appliances, by means of heat sensors or other approved methods.
13. **IMC 506.5.3 Fan Mounting:** Upblast fans shall be hinged and supplied with a flexible weatherproof electrical cable to permit inspection & cleaning. The ductwork shall extend a minimum of 18 inches above the roof surface.
14. **IMC 507.12** The inside lower edge of canopy -Type I and Type II hoods shall overhang a horizontal distance of no less than 6 inches
**Exception: Hood shall be permitted to be flush with outer edge of cooking surface where the hood is closed to the appliance by a non-combustible wall or panel
15. **IMC 507.2.1.1** Type I hood systems shall be designed and installed to automatically activate the exhaust fan when ever cooking operations occur. The activation of the exhaust fan shall occur through an interlock with cooking appliances , by means of heat sensors or by means of other approved methods

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SHEET NO.2 of 2

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