



Permitting and Inspections Department
Michael A. Russell, MS, Director

Commercial Hood/Exhaust Application

Please complete and submit the following for a Commercial Hood/Exhaust System permit:

- Commercial Hood/Exhaust Application
- General Building Permit Application
- Construction documents that demonstrate compliance

Type of System: Type I (fryers, grills, broilers, ovens or woks) Type II (steamers and other non-grease producing appliances)

Type of Materials

Is the hood stainless steel? Yes No If other, what type? _____

Is the duct work stainless steel? Yes No If other, what type? 16 GA CRS

Thickness of the steel for the hood? 18 GA S/S Thickness of the duct for the hood? 16 GA CRS

Type of hood and duct supports? Box Canopy Hood 3/8 THREADED RODS AND UNI-STEEL BAR

Type of seams? SOLID WELDED

Grease gutters provided? Yes No

Hood clearance reduction to combustibles design /specs? 18" ON TOP OPEN 3 SIDE 4TH SIDE AGAINST WALL ^{brick}

Duct clearance reduction to combustibles design /specs? 3M 615 GREASE DUCT WRAP THRU 5/8 METAL STUD
5/8 SHEET ROCK

Vibration isolation system: N/A

Air velocity with the duct system: .641 SP 376 CFM

Grease accumulation prevention system: _____

Cleanouts: 1" x 90° elbows, 2" floor Grease duct enclosure: 3M 615 GREASE DUCT WRAP

Exhaust termination: Roof Wall

Fire suppression system: BY OTHERS

Exhaust fan mounting and clearance from the roof/wall or combustibles: ROOF MOUNT 18" ABOVE ROOF, 10' FROM COMBUSTIBLES

Exhaust fan distance from:

Property lines: 10' Other vents or openings: 10' Adjacent buildings: 10'

Height above adjoining grade: 30' PLUS

Hood Specs

Style of hood: Box Canopy Capacity of hood – CFM (cubic feet per minute): EACH HOOD 1880 CFM

Type of filter: CAPTREAT SOLID FILTER Height of filter (above nearest cooking surface): 36"

Make up air system description and capacity:

HEATED MUA, ROOF MOUNT AND DUCT INTO BUILDING DOWN TO HOOD, 24 GA GALV STEEL
3384 CFM RETURN