

COMMERCIAL HOODS/MECHANICAL EXHAUST DATA SHEET

Environmental Health Division

5050 Commerce Drive

Baldwin Park, CA 91706

www.publichealth.lacounty.gov/EH | (888) 700-9995



Complete this form if there is a change of ownership and an existing hood is present, or when a remodel involves adding equipment to an existing hood.

For specific plan and construction requirements, refer to the Retail Food Facility Construction Requirements: www.publichealth.lacounty.gov/eh/inspection/construction-requirements-retail-food-facilities.htm. For questions, contact the Plan Check Program at (626) 430-5560 or DPH-PlanCheck_Food@ph.lacounty.gov.

DATE:		PLAN CHECK #:	
BUSINESS NAME:			
ADDRESS NAME:			
PREPARED BY:		PHONE #:	EMAIL ADDRESS:

EQUIPMENT TO BE PLACED UNDER EXHAUST HOOD:

Charcoal and other solid-fuel charbroilers require separate exhaust systems (separate exhaust duct and fan).

MANUFACTURER	TYPE (DEEP FRYER, BROILER, ETC.)	MANUFACTURER	TYPE (DEEP FRYER, BROILER, ETC.)

EXHAUST HOOD SPECIFICATIONS: ☐ TYPE I ☐ TYPE II

- ☐ UL Listed (Manufacturer & model #): _____
- ☐ Custom-Non-listed (Fabricator & Installer): _____
Phone #: _____
- ☐ Canopy ☐ Compensating ☐ Eyebrow ☐ Non-Canopy ☐ Other: _____

Size of Hood: Length _____ feet X Width _____ feet = _____

Exhaust CFM: _____ **Formula Used to Calculate CFM:** _____

(UL-listed hoods use formula specified by manufacturer as listed by UL; custom hoods use California Mechanical Code formula.)

Number of Exhaust Ducts: _____ **Size of Ducts:** _____ inches X _____ inches

Square Feet of Duct: _____

(L x W in inches) ÷ 144 (One duct for every 12 feet of hood length, per CMC.)

Exhaust Velocity: _____ FPM (Exhaust CFM ÷ square feet of duct)

(Duct velocity must be 150-2500 FPM per CMC.)

Number of Filters: _____ **Type of Filters:** _____ **Size of Filters:** L _____ inches X W _____ inches

Rating of Filters: _____

MAKE-UP AIR SUPPLY

Make-up Air CFM: _____

(MUA for custom hoods must equal exhaust CFM; MUA for listed hoods must follow manufacturer specifications.)

Number of Registers: _____

(Two or more strongly recommended for all hoods and spaced to avoid short-circuit exhaust.)

Notes:

- Make-up air and hood exhaust must be electrically interconnected on one switch.
- Windows and outside doorways are **not acceptable** for make-up air.