



Most hood failures are geometry failures. If the hood is too short, too high, or too far back, it will never capture consistently — no matter how much cfm you throw at it. IMC 507.1.6 applies to both Type I and Type II. Canopy: inside lower edge at least 6 in beyond the cooking surface on all open sides; front lower lip no more than 4 ft above the cooking surface. Noncanopy: no more than 3 ft above, set back no more than 1 ft.

Original Masterbuild PE packet from Daily Code Talk on 2024 IMC 507.1.6. Confirm the adopted edition. Distinct from NET cfm (507.2.10) and 507.2 construction. This is not a hood selection. Flush exception: the hood can be flush at the appliance edge where that side is closed off by a noncombustible wall or panel.

- ☐ **Canopy (Type I and II): 6 in minimum overhang on all open sides. Lip height: 4 ft maximum above the cooking surface.**
Noncanopy: 3 ft maximum above the cooking surface. Setback: hood edge no more than 1 ft from the edge of the cooking surface.
- ☐ **Dimension it on plan and section. Missing section views are the leading cause of overhang comments — overhang and h**
Size the hood to the appliance footprint first, then calculate exhaust from the sized hood. Exhaust rate and overhang are related but separate.
- ☐ **On the set: hood tag with a capture-geometry line — canopy 6 in min overhang + 4 ft-0 in max lip, or noncanopy 3 ft-0 in r**
Show wall/panel closures where using the flush exception.

The fail we see first

Canopy drawn tight to the fryer with no 6 in overhang. Or a noncanopy hung at 4 ft. Smoke rollout. Cfm will not fix it. Moving it at inspection is structural, exhaust, and makeup-air rework.

What to send: kitchen plan and a section (or elevation) through the hood, the appliance lineup, and whether the hood is canopy or noncanopy.

Send the comments. Not the County guideline.

Folio (does it start with 30?), process or UP number, and the comments PDF. Masterbuild will say which row is actually open.

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+1 (786) 398-6940 · Calendly: 30-minute scoping call

Masterbuild provides engineering services under a written scope. Not a hood selection. Confirm adopted 507.1.6. This is not legal advice.