



Type I exhaust equipment is not a generic rooftop fan. The housing is built like a grease duct unless the fan is listed to UL 705. The motor stays outside the exhaust airstream. Upblast fans: hinged, flexible weatherproof electrical cable, and a restraint. Grease duct extends at least 18 in above the roof. Vertical discharge needs a drain at the low point to an approved grease reservoir.

Original Masterbuild PE packet from Daily Code Talk on 2024 IMC 506.5–506.5.6. Confirm the adopted edition. Distinct from 506.3.13 termination. This is not a fan selection.

- ☐ **506.5.1: Type I exhaust-fan housing built like a grease duct (506.3.1) unless listed to UL 705. Motor outside the airstream.**
506.5.2 pollution-control units: UL 8782 listed PCU, UL 705 listed fan. Roof-mounted units at least 18 in above the roof. Pressure-drop monitoring with a visual alarm in the cooking area when airflow drops below design. Wash-down drains to a grease interceptor with a trapped or sealed drain.
- ☐ **506.5.3: discharge cannot impinge on roof, equipment, or structure. Vertical discharge fans: drain outlet at the low point**
506.5.4 upblast mounting: hinged fan, flexible weatherproof electrical cable, and a restraint. Grease duct at least 18 in above the roof.
- ☐ **506.5.5: 18 in to combustibles unless listed for less. 506.5.6: termination per 506.3.13. Parapet exception: 2 ft minimum if**
Upblast without a drip tray and grease drain is the most common 506.5 inspection failure.

The fail we see first

Motor in the airstream, no hinge, no grease drain. Or discharge blasting the roof. Or a PCU with no cooking-area alarm and no interceptor drain.

What to send: the fan cut sheet, roof plan (hinge, drain, discharge direction), and whether a pollution-control unit is proposed.

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.

masterbuildconsulting.com/send/

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

Masterbuild provides engineering services under a written scope. Not a fan selection. Confirm adopted 506.5. This is not legal advice.