



A grille on the plan is not combustion air. If the appliance can fire while a required damper is closed, the design has a safety problem.

Original Masterbuild PE packet from Daily Code Talk on 2024 IMC 701 (scope and dampered openings). Confirm the adopted edition and the fuel-gas path. Gas-fired appliances are not reviewed the same way as oil-fired or solid-fuel. Direct-vent appliances, fireplaces, and fireplace stoves need careful scope handling. This packet does not size openings.

☐ **Select the right path first: mechanical code, fuel gas code, oil-fired standard, solid-fuel manufacturer instructions, or another code.**

Prove the air path is available: product free area, screen losses, louver data, duct routing, room pressure, and appliance startup logic. Nominal dimensions are not free area.

☐ **Highest-risk detail: a dampered combustion-air opening. The control sequence should prove the opening before the appliance fires.**

Coordinate any combustion-air duct crossing rated construction with the building-code protection path. Check whether exhaust systems can depressurize the appliance room during worst-case operation.

☐ **Startup should verify combustion air with the building in the operating mode that creates the greatest negative pressure.**

The reviewer needs the appliance, the air source, the opening-size basis, the duct or rated-construction route, and the controls logic — not a note.

The fail we see first

Damper closed, burner on. If the drawings cannot answer “can the appliance prove it has combustion air before it fires?”, there is safety, startup, and inspection risk.

What to send: the appliance fuel/input, whether a damper is in the combustion-air path, and whether a proof-of-open interlock is shown.

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. This packet does not size openings. Confirm adopted 701. This is not legal advice.