



Plastic vent is not plumbing pipe. The appliance listing names the pipe, the fittings, and the joint method. Oil-fired appliances also need a device that stops the burner when the vent is blocked — and that reset has to be manual.

Original Masterbuild PE packet from Daily Code Talk on 2024 IMC 801.20 and 801.21. Confirm the adopted edition. Distinct from direct-vent and mechanical draft. This is not a pipe-size calculator. Gas-fired appliances also follow the fuel-gas code.

☐ **801.20: plastic pipe and fittings used to vent appliances are installed per the appliance manufacturer's instructions.**

Material, primer, cement or gasket, slope, condensate, supports, penetrations, and termination all come from that listing — not from a drainage-piping standard.

☐ **801.21: oil-fired appliances need a device that stops burner operation when the venting system is obstructed.**

The device must stop the burner, have a manual reset, and be installed per the manufacturer. Automatic restart after a blocked-vent trip is the miss.

The fail we see first

Schedule says “blocked-vent switch.” The wiring does not. A generic note to “provide safety controls” does not answer: what device stops the burner, where is it in the sequence, and does restart require a person at the appliance?

What to send: appliance cut sheet (approved vent system), the joint method assumed, and — for oil — the control sequence or a note that none exists yet.

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 pipe-size calculator. Confirm adopted 801.20–801.21. This is not legal advice.