



Once materials or devices are exposed in the airstream, the question is no longer “can it fit above the ceiling?” It is “is it noncombustible, enclosed, or specifically listed for plenum use?” Exposed combustible wiring and optical fiber: plenum-rated, or in metal raceways / metal-sheathed cable. Plastic fire-sprinkler piping exposed in plenums is limited to wet-pipe systems and must be listed. Discrete products: UL 2043.

Original Masterbuild PE packet from Daily Code Talk on 2024 IMC 602.3–602.3.6. Confirm the adopted edition. Distinct from 602.2 construction and 602.3.7 foam / flood. This is not a listing.

☐ **602.3: noncombustible unless a specific 602.3.1–602.3.10 allowance applies.**

Key exceptions: one- and two-family dwellings, fully enclosed combustibles, listed plenum materials, and certain Group H Division 5 fabrication areas.

☐ **602.3.2: smoke detectors in plenums listed and labeled.**

602.3.3 wiring: exposed combustible wiring and optical fiber plenum-rated or in metal raceways / metal-sheathed cable. Only plenum-rated wires and cables may be installed in plenum-rated raceways.

☐ **602.3.4: plastic fire-sprinkler piping exposed in plenums — wet-pipe only, listed and labeled. Dry and preaction plastic in**

602.3.5: combustible pneumatic tubing listed and labeled. 602.3.6 discrete products: UL 2043 (metallic electrical enclosures excepted).

The fail we see first

CM cable and dry-pipe CPVC in the return plenum. Or a plastic control box not listed UL 2043. Those fail inspection after the ceiling is closed — demolition, not a punch item.

What to send: whether the ceiling is a return-air plenum, what cable / sprinkler pipe / tubing / devices are exposed in it, and any plenum listing if one exists.

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 listing. UL 2043 is Daily Code Talk education. Confirm adopted 602.3. This is not legal advice.