



Appliances on different floors generally cannot share the same venting system. The exception is narrow: every appliance in a room accessed only from outdoors, and the enclosure does not communicate with occupiable areas. An exterior door is not enough if a corridor door, grille, or shaft still opens into the building.

Original Masterbuild PE packet from Daily Code Talk on 2024 IMC 801.19. Confirm the adopted edition. Distinct from solid-fuel dedicated flues (801.11) and positive-pressure venting (801.9). Gas appliances also follow the fuel-gas code. This is not a common-vent design.

☐ **Default: common venting systems serving appliances on more than one floor level are prohibited.**

Exception — both conditions together: all appliances served are in rooms or spaces accessed only from the outdoors, and those enclosures do not communicate with occupiable areas (no openings, doors, grilles, shafts, or other pathways into occupied space).

☐ **A mechanical room that happens to have an exterior door still fails if a corridor door or a shared shaft communicates with**

On the set: one line per appliance on every common vent — ID, floor, enclosure type, and whether the enclosure communicates with occupied space.

The fail we see first

Two mechanical rooms, one shaft. A common vent serving two floors because both rooms share a shaft, with the exception assumed rather than demonstrated.

What to send: appliance schedule with floor levels, the common-vent / riser diagram, and architectural access into each mechanical room (exterior door, corridor door, shafts, louvers).

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 common-vent design. Confirm adopted 801.19. This is not legal advice.