



Reusing the same chimney does not mean keeping the same effective size. Removing, replacing, or adding an appliance — or changing fuel or efficiency — changes flue-gas temperature, mass flow, draft, and condensation. Bigger is not automatically safer. Smaller is not automatically acceptable.

Original Masterbuild PE packet from Daily Code Talk on 2024 IMC 801.18.1. Confirm the adopted edition. Distinct from minimum area (801.6) and solid-fuel 3:1 cap (801.7). The code does not say every reuse requires resizing; it requires evidence that the retained or revised size performs. This is not a size calculator. Gas-fired systems follow the fuel-gas path, not IMC 801 alone.

- ☐ **Resize as necessary to control flue-gas condensation and provide the required draft for the appliance or appliances served.**
Oil-fired appliances vented to masonry chimneys: resizing complies with NFPA 31.
- ☐ **Re-evaluate the remaining common vent when an appliance is removed. Do not leave the smaller load on the original flue.**
Do not leave final liner or vent size to the installer without a documented design basis.
- ☐ **On the set: two columns beside the appliance schedule — existing vent condition and required vent condition.**
Compare dimensions, effective height, connected input, venting characteristics, sizing basis, draft result, condensation result, and final action.

The fail we see first

One boiler off a common masonry flue. Original size stays. Flue gases cool, condensate forms, masonry and liner deteriorate, draft becomes unreliable. The opposite risk: added load or restrictive geometry leaves the system undersized.

What to send: what appliances remain, what was removed, existing chimney inside size if known, and whether this is a condensing or higher-efficiency replacement.

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 size calculator. Confirm adopted 801.18.1. Gas-fired systems follow the fuel-gas path. This is not legal advice.