



You cannot recover energy from every airstream. Ask what exact exhaust you are recovering from before you model the unit. An ERV on a Type I hood is a 513.2 miss regardless of how well the unit is specified.

Original Masterbuild PE packet from Daily Code Talk on 2024 IMC 513. Confirm the adopted edition and IECC if ERV is required for energy. This is not an ERV selection.

☐ **Ducted HRVs listed/labeled to UL 1812. Nonducted HRVs to UL 1815.**

If energy code requires ERV, also comply with IECC.

☐ **513.2 prohibited: hazardous exhaust (509); dust/stock/refuse conveying explosive or flammable vapors, fumes, or dust; s**

Exception: sensible-only recovery using coil-type heat exchangers is not limited by this prohibition.

☐ **Access to the heat exchanger and other components for service, maintenance, repair, or replacement.**

Air is not considered recirculated if cross-leakage is limited to less than 10% of total design airflow. Document it.

The fail we see first

ERV on a Type I hood. Or reverse supply/exhaust that is invisible without a flow measurement at commissioning. Recovering "whatever is on the roof" is not a 513 design.

What to send: the exact exhaust airstream feeding the ERV, listing cut sheet, and whether anyone already tied it to a hood or dryer.

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 an ERV selection. Confirm adopted 513. This is not legal advice.