

HVAC Sizing Red Flags

These warning signs suggest HVAC equipment may be oversized, rushed, or selected before the house details are clear. Oversizing often leads to comfort problems, higher cost, and shorter equipment life.

- Equipment size is based on the existing system or a rule of thumb.
- Load calculations were not shared or explained.
- Square footage is the primary sizing input.
- Insulation, air sealing, or window specs were not finalized before sizing.
- One system size is proposed without room-by-room loads.
- The system is upsized “to be safe.”
- Duct layout and airflow are not discussed.
- Comfort complaints are dismissed as thermostat issues.
- Humidity control is not addressed.
- The proposed system is much larger than similar nearby homes.

Correct sizing depends on enclosure details, layout, and climate. If those inputs aren’t clear, the system size is a guess.