Custom Range Hood Sizing Sheet

Calculate your exact dimensions for a functional, beautiful architectural feature.

Use this sheet to determine your ideal hood width, height, and airflow based on your specific range. Fill in your measurements before you build!



Your Hood Dimensions

Range width + 6 in
Total hood width

30-36 in
Mounting height per insert spec

Insert spec + 1/8 in
Framed cutout clearance

4 in
Slim oak ledge for salt

Smooth metal
Rigid duct to outside

Buy the guts first

You absolutely must purchase the stainless liner insert before building anything. Its specific dimensions dictate your entire wooden framing structure and prevent frustrating modifications later.

Minimum Airflow Requirements

Find your row: **Total Gas BTUs**

Total Gas BTUs	Your pick	Why
Up to 40,000	400 CFM	30-inch standard range
40,000 to 60,000	600 CFM	36-inch standard range
60,000 to 90,000	900 CFM	36-inch pro-style range
90,000 or more	1200 CFM	48-inch pro-style range

Plan Your Ducting Path

- ○ Find the shortest, straightest route to the exterior wall or roof.
- ○ Use a stud finder to map out the ceiling joists.
- ○ Keep turns minimal; elbows drastically reduce your effective airflow.
- ○ Measure ceiling height to plan your total framing drop.

Build and Finish Sequence

1. **Frame the skeleton** Anchor standard 2x4 lumber directly into wall studs and ceiling joists to support heavy finishes.
2. **Install the drywall** Wrap in half-inch drywall using coarse-thread screws, tape seams, and apply rigid corner beads.
3. **Apply clay plaster** Sand joint compound flat, coat exterior in thin plaster layers, and seal thoroughly against splatters.

My Custom Hood Measurements

Enjoy your beautifully tailored, steam-clearing kitchen centerpiece!