

# Building Your Own Spray Booth

**A SPRAY BOOTH** is a helpful tool to remove fumes and overspray from your house and to make airbrushing safer (and hopefully, more fun). There are lots of commercial options available, but it's not that hard to make your own. Here is the paint booth I built.

I started with quarter- and half-sheets of 3/8-inch plywood. I cut the base to 23.5 inches x 36 inches and the back to 24 inches x 37 inches. The sides started at 23.5 inches at the base and 24 inches high, but I cut an angle starting 8 inches from the bottom in the front to 14 inches from the back at the top.

The top came from what was left over, and wound up being 16 inches

x 40 inches. Towards the upper back of the right side piece I cut a 9-inch x 10-inch hole.

Outside the hole I mounted a small ledge of 8-inch x 10-inch plywood; 4-inch x 10-inch plywood would have worked just fine. I assembled the pieces using very small "L" brackets and screws, and ran a bead of carpenter's glue along the seams at the base and sides to strengthen and seal them.

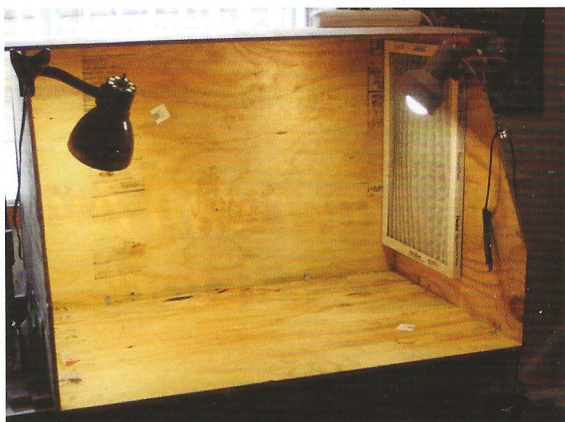
I placed a small two-speed box fan on the small ledge, with small strips of trim installed on either side to keep it in place over the hole. I have two lamps with clamps on their base; the one on the right also holds in place the

filter over the hole and fan. The smallest furnace filter I was able to locate was 14 inches x 20 inches, which is fine, because when one end gets dirty I can switch it around use the other end.

I placed a power strip with a switch on the top which handles the power for the lamps and the fan. A small conduit clamp mounted on the right side is convenient for holding my airbrush when not in use. I layered the base and back with sheets of newspaper to cut down on the overspray. I've used this paint booth for at least a year and it's been very effective.

— Richard Davenport

Spray booths don't have to be expensive. Fashioned from plywood and built using L-brackets and wood glue, this booth includes lighting. A more expensive next step would be to vent the fan outdoors.



The smallest furnace filter available draws out paint particles; when it's dirty, it can be flipped over to use the other half.

