

Downdraft Table Plan

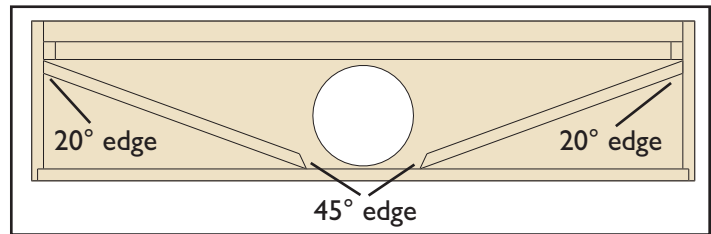
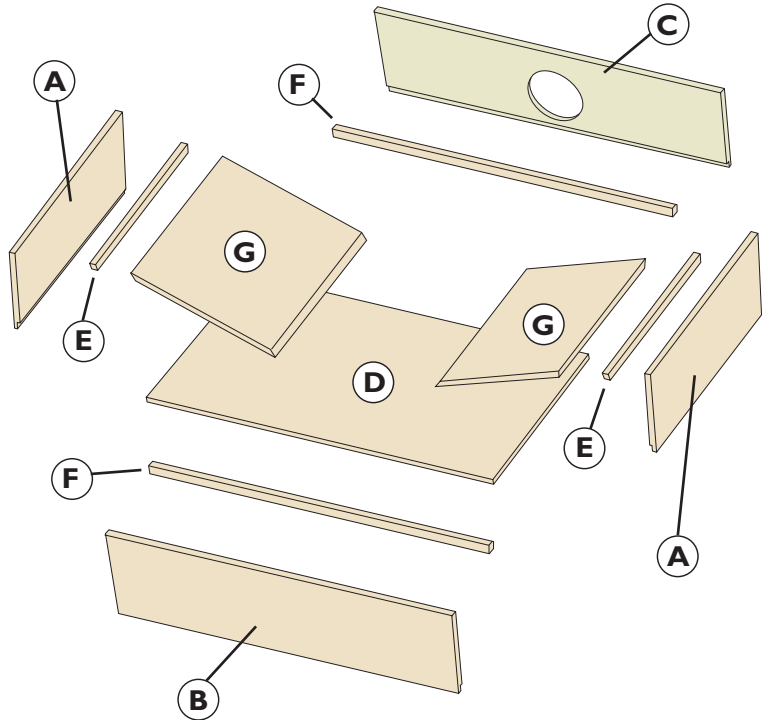
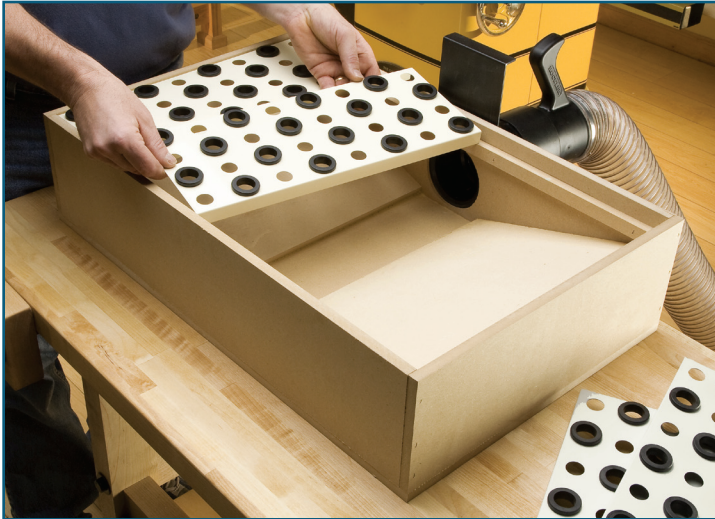


Fig. 1 - Cross-section

MATERIALS LIST	
	Quantity
A - Side 6 ³ / ₄ " x 17 ¹ / ₂ " x 1/2"	2
B - Front 6 ³ / ₄ " x 27" x 1/2"	1
C - Back 6 ³ / ₄ " x 27" x 1/2"	1
D - Bottom 17" x 27 ¹ / ₂ " x 1/2"	1
E - Side Cleat 3/4" x 15 ¹ / ₂ " x 1/2"	2
F - Front and Back Cleat 3/4" x 27" x 1/2"	2
G - Ramps 12" x 16 ¹ / ₂ " x 1/2"	2
Downdraft Table Panels (25077)	2 sets
Dust Right Combo Port (28666) or Blast Gate (88486)	1

Instructions:

The box pictured above is made of raw MDF to save on cost, but feel free to use whatever material fits your taste. Building the box is fairly simple. It uses mostly butt joints fastened with glue and either screws or nails.

1. Cut each lettered piece to size.
2. Cut a 1/4" deep x 1/2" high rabbet on the bottom edge of parts A, B & C.
3. Use a jigsaw to cut a 4" diameter hole in part C. The hole should be 13¹/₂" (on center) from the side edge and 4" (on center) from the top edge.
4. Use glue and either screws or nails to assemble and fasten the main box (parts A, B, & C).
5. Attach the box's bottom (part D).
6. Attach all four cleats (parts E & F) 7/8" down from the top edge of the box using glue and nails. The downdraft panels will rest here.
7. Cut the long edges of the ramps (G) to 45° and 20°. **Fig. 1.**
8. Attach the ramps with the 20° edge directly under the side cleats and the 45° edge towards the center of the box bottom. **Fig. 1.**
9. Attach the combo port or blast gate.
10. Use your desired finish to complete the project.