

Workbench Cutting Diagrams — Modular Wall Unit

MATERIALS LIST — WALL-MOUNTED AND BASE CABINET

WALL-MOUNTED CABINET

AA (2) Side Panels*	3/4" x 11 3/4" x 24"
BB (2) Top/Bott. Panels*	3/4" x 11 3/4" x 38 1/2"
CC (1) Divider*	3/4" x 10 3/4" x 22 1/2"
DD (2) Shelves*	3/4" x 10 1/2" x 18 3/4"
EE (2) Cleats	3/4" x 2 1/2" x 39 1/2"
FF (2) Back Panel (ply)	1/4" x 19 1/2" x 39 1/2"
GG (1) Front Molding	3/4" x 3 1/2" x 43"
HH (2) Side Molding	3/4" x 3 1/2" x 13 1/2"

BASE CABINET

A (2) Side Panels*	3/4" x 17 3/4" x 32 1/2"
B (1) Top Panel*	3/4" x 17 3/4" x 38 1/2"
C (1) Bottom Panel*	3/4" x 17 1/2" x 38 1/2"
D (1) Divider*	3/4" x 16 3/4" x 27"
E (1) Toe Kick	3/4" x 4" x 38 1/2"
F (2) Shelves*	3/4" x 16 1/2" x 18 3/4"
G (1) Cleat	3/4" x 2 1/4" x 39 1/2"
H (2) Back Panel (ply)	1/4" x 26 1/4" x 39 1/2"
I (1) Countertop	3/4" x 18" x 38 1/2"
J (2) Web Rails	3/4" x 3" x 38 1/2"

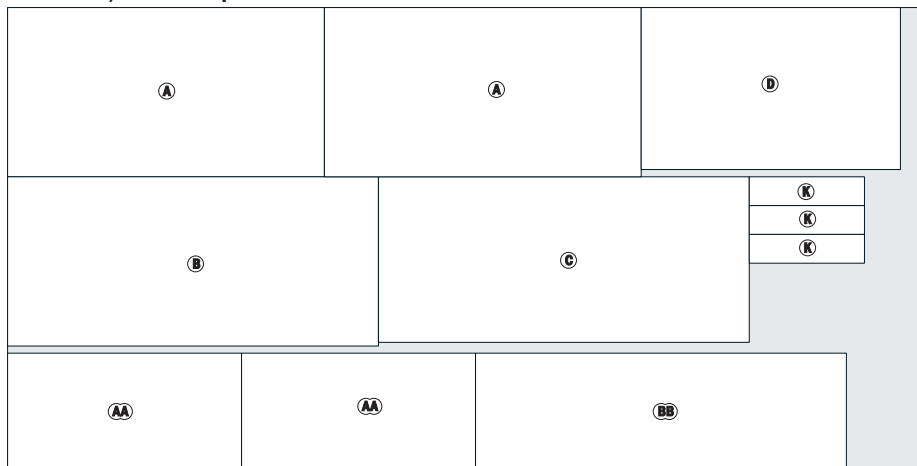
K (3) Web Stretchers	3/4" x 3" x 12"
L (1) Front Edging	3/4" x 1 1/2" x 40"
M (2) Side Edging	3/4" x 1 1/2" x 18 3/4"

DOORS (per cabinet)

N (4) Rails	3/4" x 3" x 14 1/8"
O (4) Base Cab. Stiles	3/4" x 3" x 26 7/8"
P (2) Base Cab. Panels	1/2" x 14 1/8" x 21 7/8"
Q (4) Wall Cab. Stiles	3/4" x 3" x 22 3/8"
R (1) Glass Stops	1/4" x 3 3/8" x 156" — cut to fit

* Apply 1/4"-thick x 3/4"-wide edge banding to the front edges of these pieces.

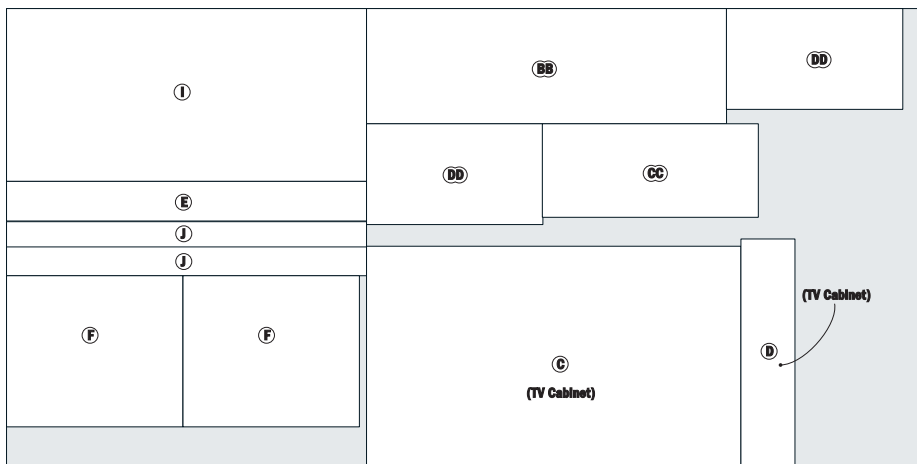
Full sheet 3/4"-thick maple veneered MDF



Correction:

• In the magazine, the materials list for the base and wall-mounted cabinet shows a few incorrect quantities. That list shows two (2) each for the top panel (B), the bottom panel (C) and the countertop (I). You only need one of each of these per cabinet, as shown above.

Full sheet 3/4"-thick maple veneered MDF



Note:

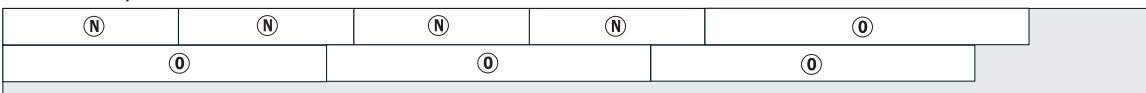
You will also need one 4x8 sheet of 1/4"-thick plywood to make the the following parts:

- back panel (FF) for the wall-mounted cabinet
- back panel (H) for the base cabinet
- door panels (P) for the base cabinet

3/4" x 7" x 96" Maple



3/4" x 7" x 96" Maple



3/4" x 7" x 96" Maple



Note: One more piece of 3/4" x 7" x 96" maple needed to make glass stops (R) and 1/4"-thick edge banding.

MATERIALS LIST – TV CABINET

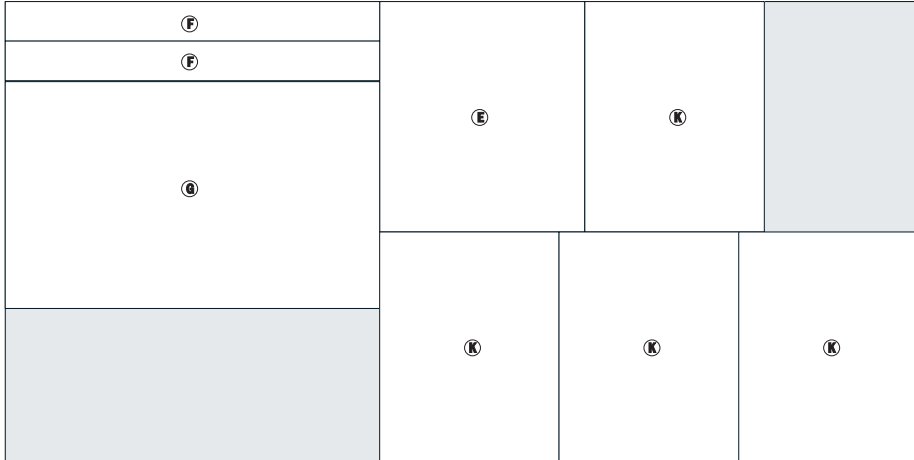
LUMBER

A (2) Side Panels*	$\frac{3}{4}$ " x $23\frac{3}{4}$ " x $79\frac{1}{4}$ "	J (1) Counter Edge Banding	$\frac{3}{4}$ " x $1\frac{1}{2}$ " x $38\frac{1}{2}$ "	T (2) Drawer Bottoms (ply)	$\frac{1}{4}$ " x $17\frac{3}{8}$ " x $19\frac{1}{2}$ "
B (2) Top/Bottom Panels*	$\frac{3}{4}$ " x $23\frac{3}{4}$ " x $38\frac{1}{2}$ "	K (4) Adjustable Shelves*	$\frac{3}{4}$ " x $22\frac{1}{4}$ " x $18\frac{3}{4}$ "	U (2) Drawer False Fronts	$\frac{3}{4}$ " x $6\frac{3}{8}$ " x $19\frac{1}{8}$ "
C (3) Fixed Shelves*	$\frac{3}{4}$ " x $23\frac{1}{2}$ " x $38\frac{1}{2}$ "	L (4) Cleats	$\frac{3}{4}$ " x $2\frac{1}{2}$ " x $39\frac{1}{2}$ "	V (8) Door Rails	$\frac{3}{4}$ " x 3 " x $14\frac{1}{8}$ "
D (1) Drawer Divider*	$\frac{3}{4}$ " x $22\frac{3}{4}$ " x $6\frac{1}{2}$ "	M (1) Upper Back Panel	$\frac{1}{4}$ " x $39\frac{1}{2}$ " x $11\frac{3}{4}$ "	W (4) Upper Door Stiles	$\frac{3}{4}$ " x 3 " x $14\frac{5}{8}$ "
E (1) Lower Divider*	$\frac{3}{4}$ " x $22\frac{3}{4}$ " x $19\frac{3}{4}$ "	N (1) Middle Back Panel	$\frac{1}{4}$ " x $39\frac{1}{2}$ " x 32 "	X (2) Upper Door Panels	$\frac{1}{2}$ " x $14\frac{1}{8}$ " x $9\frac{5}{8}$ "
F (2) Toe Kicks	$\frac{3}{4}$ " x 4 " x $38\frac{1}{2}$ "	O (1) Lower Back Panel	$\frac{1}{4}$ " x $39\frac{1}{2}$ " x 24 "	Y (4) Lower Door Stiles	$\frac{3}{4}$ " x 3 " x $19\frac{5}{8}$ "
G (1) TV Counter	$\frac{3}{4}$ " x 23 " x $38\frac{1}{2}$ "	P (1) Front Molding	$\frac{3}{4}$ " x $3\frac{1}{2}$ " x 43 "	Z (2) Lower Door Panels	$\frac{1}{2}$ " x $14\frac{1}{8}$ " x $14\frac{5}{8}$ "
H (2) Counter Web Rails	$\frac{3}{4}$ " x 3 " x $38\frac{1}{2}$ "	Q (2) Side Molding	$\frac{3}{4}$ " x $3\frac{1}{2}$ " x $25\frac{1}{2}$ "	*Apply $\frac{1}{4}$ "-thick x $\frac{3}{4}$ "-wide edge banding to these pieces.	
I (3) Counter Web Stretchers	$\frac{3}{4}$ " x 3 " x 17 "	R (4) Drawer Fronts/Backs	$\frac{1}{2}$ " x $6\frac{1}{4}$ " x $17\frac{3}{8}$ "		
		S (4) Drawer Sides	$\frac{1}{2}$ " x $6\frac{1}{4}$ " x 20 "		

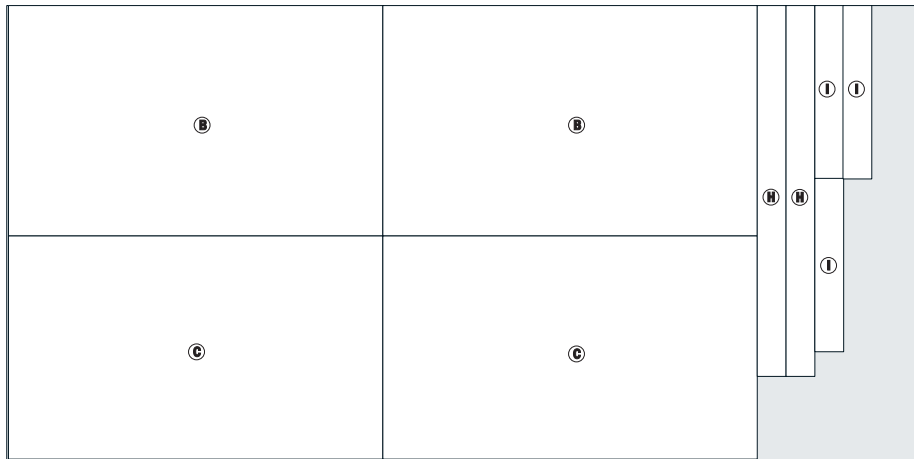
Full sheet $\frac{3}{4}$ "-thick maple veneered MDF



Full sheet $\frac{3}{4}$ "-thick maple veneered MDF



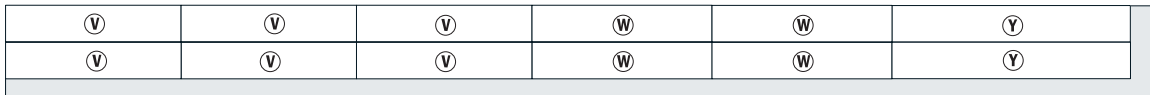
Full sheet $\frac{3}{4}$ "-thick maple veneered MDF



3/4" x 7" x 96" Maple



3/4" x 7" x 96" Maple



3/4" x 5" x 96" Maple

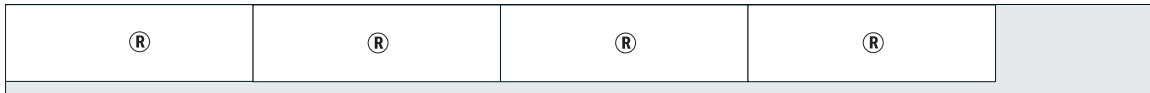


3/4" x 7" x 48" Maple



Note: One more piece of 3/4" x 7" x 96" maple needed to make 1/4"-thick edge banding.

1/2" x 7" x 96" Maple



1/2" x 7" x 96" Maple



Note:

You will also need two 4x8 sheets of 1/4"-thick plywood to make the the following parts:

- upper back panel (M), middle back panel (N), and lower back panel (O) for the TV cabinet
- upper door panels (X), and lower door panels (Z) for the TV cabinet
- door bottoms (T) for the TV cabinet