



# One-Door Ice Box

## Plan No. 723

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There was a time when an ice box like this one could be found in almost every home. Although refrigerators have rendered them obsolete, antique oak ice boxes remain popular with collectors, even though they're usually expensive and hard to find.

This do-it-yourself project and authentic reproduction is neither: it is both inexpensive and easy to build, making use of readily available materials and requiring only straight cuts. It's also versatile, and makes a great end table or bedside table.

The one-door ice box measures 26 inches tall by 23 inches wide by 17 inches deep.

### Bill of Material

Quantity	Size	Material
5	3/4" x 6" x 8'*	oak
1	1/8" x 48" x 48"	oak plywood
32	3/8" x 2"	dowel pins
1 box	1 1/4"	finish nails
1 bottle		wood glue
1 small can		finish of choice
1 pair	1 5/16" x 3 3/8"	3/8" offset brass ice box hinges
1	2 1/4" x 2 1/16"	brass ice box latch (right-hand)
1		brass ice box name plate

\*About 20 board-feet of 3/4" oak

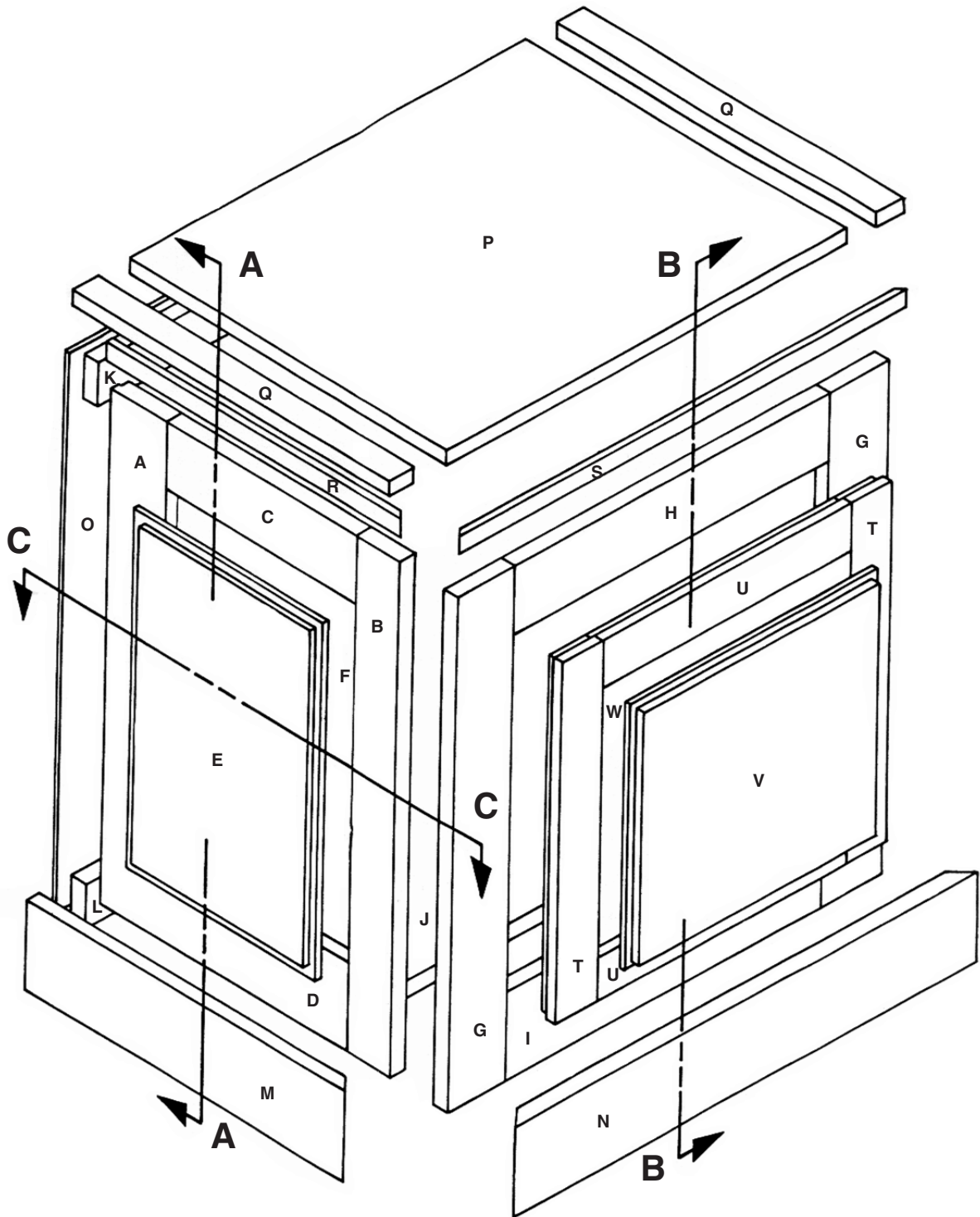
### NOTES

1. Read all instructions and check materials before beginning work.
2. Read manufacturer's instructions before operating equipment.
3. *Always* wear safety glasses.
4. Oak is preferred for this project for its authenticity and beauty.
5. Drill pilot holes in oak before nailing.

### Cutting Schedule

Item	Qty	T	W	L	Material
A	2	3/4"	3"	23 1/4"	oak
B	2	3/4"	2 1/4"	23 1/4"	oak
C	2	3/4"	3"	10"	oak
D	2	3/4"	4"	10"	oak
E	2	3/4"	10"	16 1/4"	oak
F	2	1/8"	10 1/2"	16 3/4"	oak plywood
G	2	3/4"	3"	23 1/4"	oak
H	1	3/4"	3"	16"	oak
I	1	3/4"	4"	16"	oak
J	1	3/4"	15 1/8"	20 1/2"	oak*
K	1	3/4"	2"	20 1/2"	oak
L	1	3/4"	2"	22"	oak
M	2	3/4"	4"	16 3/4"	oak
N	1	3/4"	4"	23 1/2"	oak
O	1	1/8"	21 1/4"	25 1/4"	oak plywood
P	1	3/4"	16 3/4"	20 1/2"	oak*
Q	2	3/4"	1 1/2"	16 3/4"	oak
R	2	3/8"	3/4"	16 3/8"	oak
S	1	3/8"	3/4"	22 3/4"	oak
T	2	3/4"	2"	16 7/8"	oak
U	2	3/4"	2"	12 5/8"	oak
V	1	3/4"	12 5/8"	12 7/8"	oak
W	1	1/8"	13 1/8"	13 3/8"	oak plywood

\*Smaller pieces of stock must be glued-up to create parts (J) and (P). 3/4" oak plywood may be substituted for (J).



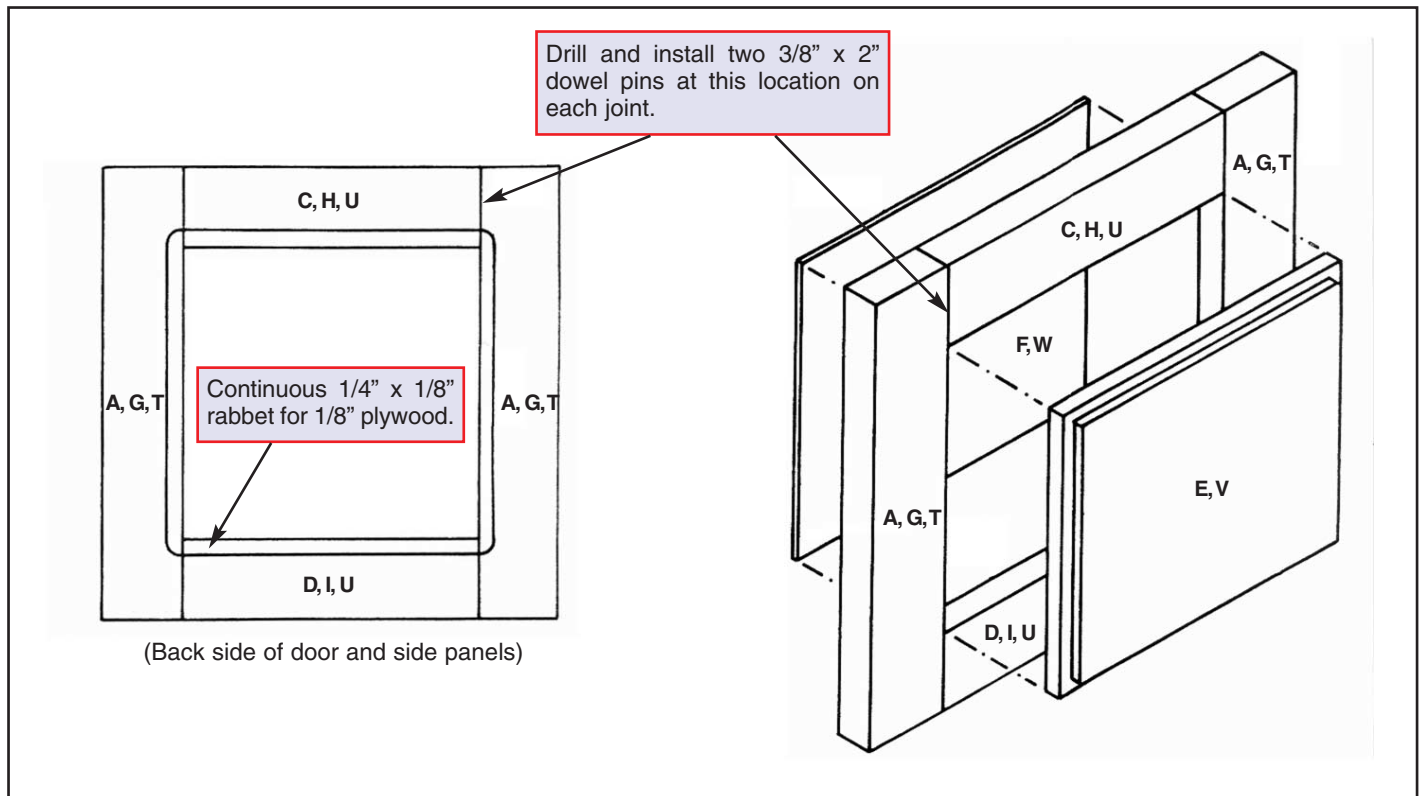
Isometric

# Assembly Instructions

## Page One

Read all instructions before beginning any work. Cut all material to sizes shown in cutting schedule.

1. Mark location for dowel pins and drill pieces A, B, C, D, G, H, I, T and U. Refer to Figure 1.
2. Assemble and clamp face frame, side frame, and door frames using glue and 3/8" dowel pins as illustrated in Figure 1. Check frames for squareness.
3. Route a continuous rabbet around the back side openings of the side panel and door frames and install 1/8" plywood panels F and W. Refer to Figure 1.
4. Using a panel-raising bit, route around all four edges of parts E and V to create raised center panels. Glue center panels E and V to plywood inserts F and W. Refer to Figure 1.



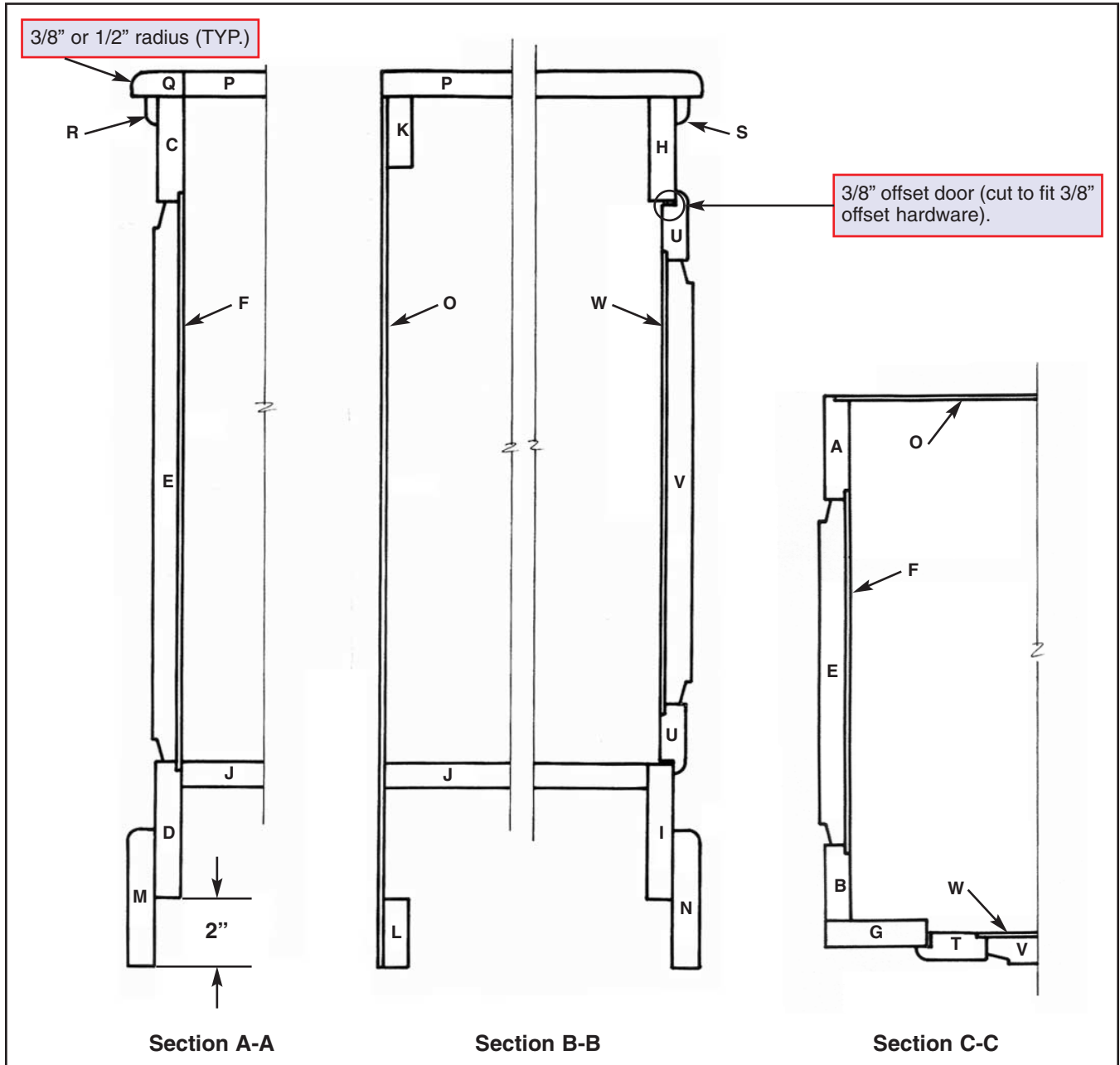
**Figure 1**  
**Side Panel, Face Frame and Door Construction**

5. Nail and glue completed side panels to J, K, L and front face frame. Refer to Isometric and Sections A-A and B-B in Figure 2.
6. Attach top (P), base (M, N) and trim (R, S) with glue and finish nails. Refer to Sections A-A and B-B in Figure 2. Route back of unit for insertion of 1/8" plywood (O) (see Section C-C in Figure 2).
7. Route a 3/8" shoulder around the inside edges of the door to create a 3/8" offset. Refer to Section B-B in Figure 2.

# Assembly Instructions

## Page Two

Read all instructions before beginning any work. Cut all material to sizes shown in cutting schedule.



**Figure 2**  
**Sectional Views**

8. Before final assembly, sand and apply finish of choice.
9. Mount door using 3/8" offset hinges. Once door is mounted, determine location and mount door latch.