

Custom Wall Pantry Cheat Sheet

Exact shelf spacing and hardware measurements for your perfect build.

Plan your fully accessible, single-row custom pantry. Use these precise dimensions to create massive, highly visible storage.

● Hardware & Build Dimensions

170 deg

Hinge swing for unobstructed access

4-5

Heavy-duty hinges per door

5/8 in

Recessed shelf track groove width

3.5 in

Reinforced door bin interior depth

3/4 in

Cabinet-grade plywood for main carcass

5.5 in

1x6 single-row depth for jars

1/2 in

Solid wood thickness for bin rails

3/16 in

Router bit depth for metal standards



The Single-Row Secret

Place newest groceries at the very back of your shallow shelves to naturally enforce a foolproof first-in, first-out rotation system.

● Pantry Construction Sequence

- 1 Route the sides** Cut track grooves with a plunge router before assembling the plywood panels together.
- 2 Paint the interior** Apply two coats of scuff-resistant enamel before installing your metal tracks.
- 3 Build door bins** Use solid maple or birch for rails; glue and fasten securely from the back.
- 4 Anchor the cabinet** Secure the finished box into solid wall studs to prevent dangerous forward tipping.

● Custom Shelf Spacing Guide

Find your row: **Your target storage items**

Your target storage items	Your pick	Why
Stacked canned goods	6 inches	Highest accessible tracks
Quart mason jars	8 inches	Upper-middle section
Tall cereal & oil	12 inches	Lower-middle tiers
Oversized club items	14 inches	Prevents awkward tilting
Bulk flour bins	18 inches	Bottom-most floor zones

● Check Before You Build

- Measure target wall space to ensure a minimum 36-inch wide footprint.
- Test router bit friction fit on scrap wood for absolute perfection.
- Check manufacturer hinge limits, assuming standard spice jars weigh half a pound.
- Locate at least three solid wall studs for safe structural anchoring.
- Evaluate how you naturally retrieve daily ingredients to adjust baseline heights.

● Project Notes & Measurements

Enjoy opening your beautiful, perfectly organized custom pantry every single morning!