

AI-01137 Cabinet Design Cut List

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☰ Tags	Problem
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Design me a modular vertical cabinet from a 3/4-inch plywood material. Add a door also to fit the modular cabinet. I want the door to cover the entire module at front.

Height=96 inches (vertical height)

Width=12 inches

Depth=24 inches

Specify the cut list using a frameless design.

Here is a design for a modular vertical cabinet with a door, made from 3/4-inch plywood:

Overall Dimensions:

- Height: 96 inches
- Width: 12 inches
- Depth: 24 inches

Cut List:

- **Sides (2):** 96" x 12"
- **Top:** 12" x 24"
- **Bottom:** 12" x 24"
- **Back:** 96" x 24"
- **Shelf (1):** 12" x 24" (adjust height as needed)
- **Door (1):** 96" x 12"

Construction Notes:

1. **Cut the pieces** to the specified dimensions using a circular saw or table saw.

2. **Sand** all edges smooth.
3. **Drill pilot holes** for the screws to prevent splitting the plywood.
4. **Assemble the cabinet** by attaching the sides, top, bottom, and back using wood screws. Use a combination of pocket hole screws and face screws for added strength.
5. **Install the shelf** at the desired height using shelf supports or cleats.
6. **Hang the door** using hinges attached to the side of the cabinet and the door. Use a doorstop to keep the door closed.
7. **Add any additional hardware** such as drawer pulls, handles, or locks as desired.

Here are some additional tips for designing and building your modular vertical cabinet:

- **Consider using dowels** or biscuits for added strength and alignment.
- **Use a wood filler** to fill any gaps or screw holes.
- **Sand and finish** the cabinet to your desired appearance.
- **Add decorative elements** such as trim or molding.

Please note that this is just one possible design for a modular vertical cabinet. You can customize the design to fit your specific needs and preferences.

Here is a visual representation of the modular vertical cabinet:

Please let me know if you have any other questions.