



SS MID TREBLE LEVEL DRIVE
GAIN CHANNEL

ACOUSTIC REMEDY

BUYER'S GUIDE

LOWER SECTION OPTIONS

ACOUSTIC REMEDY BUYER'S GUIDE

LOWER SECTION OPTIONS

Depending on ClimaCab size, the lower section has either one or two doors that feature industry-leading Blum soft close, concealed hinges. The lower section's primary function is to provide structural support for the upper section. In addition, it provides concealed storage for key components of the ClimaCab, such as the hardwood box containing the humidifier, and for miscellaneous items in the open spaces.

It also features high-end cabinetry paneling, available in Mission or Raised panel profiles, that allows for the natural movement of wood while providing an aesthetic appeal. The standard lower section is 17" tall externally and is made entirely of hardwood, except for the bottom and back, which feature cabinet-grade plywood.

If the ClimaCab has a customized lower section, it often incorporates options, such as roll-out trays, shelves, or dovetailed drawers, that affect the overall height of the lower section.

OPTIONS

- Amplifier pull out shelves
- General purpose pull out trays or shelves
- Customizable depth dovetail drawers with or without dividers
- Fixed shelves
- Adjustable shelves
- Low profile
- Panel type
- Custom hardware
- Coved finger pull
- Inset doors
- Glass door fronts
- Self-leveling feet
- Casters

DISCOVER OPTIONS FOR THE LOWER SECTION OF YOUR CLIMACAB

LOWER SECTION - GENERAL INFORMATION

STANDARD DIMENSIONS

The lower section of the ClimaCab is a standard height of 17" externally, with 2" face-framing around the perimeter front so that the doors overlap when closed. The opening at the front of the lower section is therefore 13" at the face-framing and then roughly 15 1/2" internally once past the face-framing.

DOORS

For Micro & Petite ClimaCabs, the lower section has one door. For Petite+ through Grand+, the lower section has two doors. When there are two doors, we install a center bar for the doors to overlap in the center except for when trays or shelves would be impeded by the center bar. In those situations, we use a lapboard attached to the backside of the left door that conceals the gap between the two doors.

We use panels on the doors to allow for the natural movement of wood. These panels are identical to those found in high-end cabinetry, resulting in a stable door that will not warp or crack under normal use conditions. There are two options for the type of panel - Mission (aka Shaker) and Raised.

HARDWARE

The standard hardware for the lower section includes the contemporary style and four finishes contained within the Greenwich Collection. Options for customizing the hardware are contained within this document.

LEVELING THE CLIMACAB

Where the lower face frame makes contact with the floor, we relieve the face frame by 1/2" starting 3" in from the corners to create "feet" in each corner to account for uneven floors. For additional leveling control, we embed a brass insert into each foot and provide leveling feet that can raise or lower the four corners independently.

When placing the ClimaCab in its final location, it's important to level the cabinet with a 2-4 foot level from left to right and front to back. Proper leveling has profound impacts on the upper section doors lining up and the magnets creating solid contact with one another to seal properly. Skipping this step will result in uneven doors and potential gaps between the doors and the gasket.

HINGES

We use Blum soft close concealed hinges, which are adjustable for proper alignment. Adjustment can be completed with only a screwdriver.

COMPONENTS OF THE HUMIDITY CONTROL SYSTEM

Depending on the design of the lower section, a recessed hardwood box may be present to store the humidity control system reservoir and the power strip to power that system plus the LED lighting. This box is mounted to the underside of the upper section and drops into the lower section consuming about 7 3/4" from the face frame to the underside of the box. Most of the time, lower sections with customization require a ducted humidity control system. These components are roll-out shelves, trays, fixed shelving, adjustable shelving, and/or drawers. We will communicate how your lower section will be constructed and which situation applies to your ClimaCab.

CUSTOMIZATION

This document discusses options to customize the lower section of your ClimaCab. If there are other options that you have in mind, we often work one-on-one to develop new ideas, so please reach out.

LOWER SECTION - STANDARD COMPONENTS



Doors Overlap
Face Frame

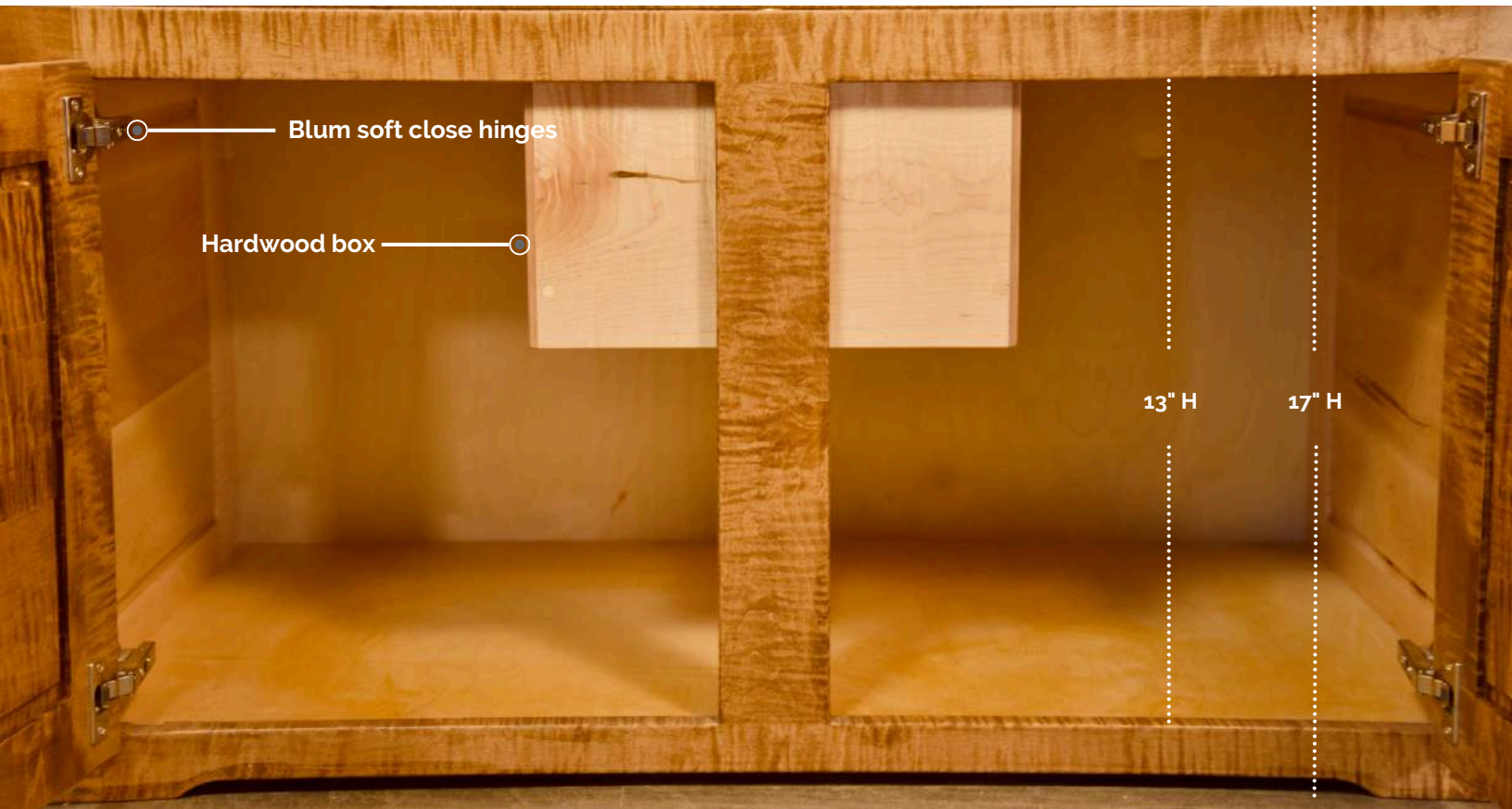
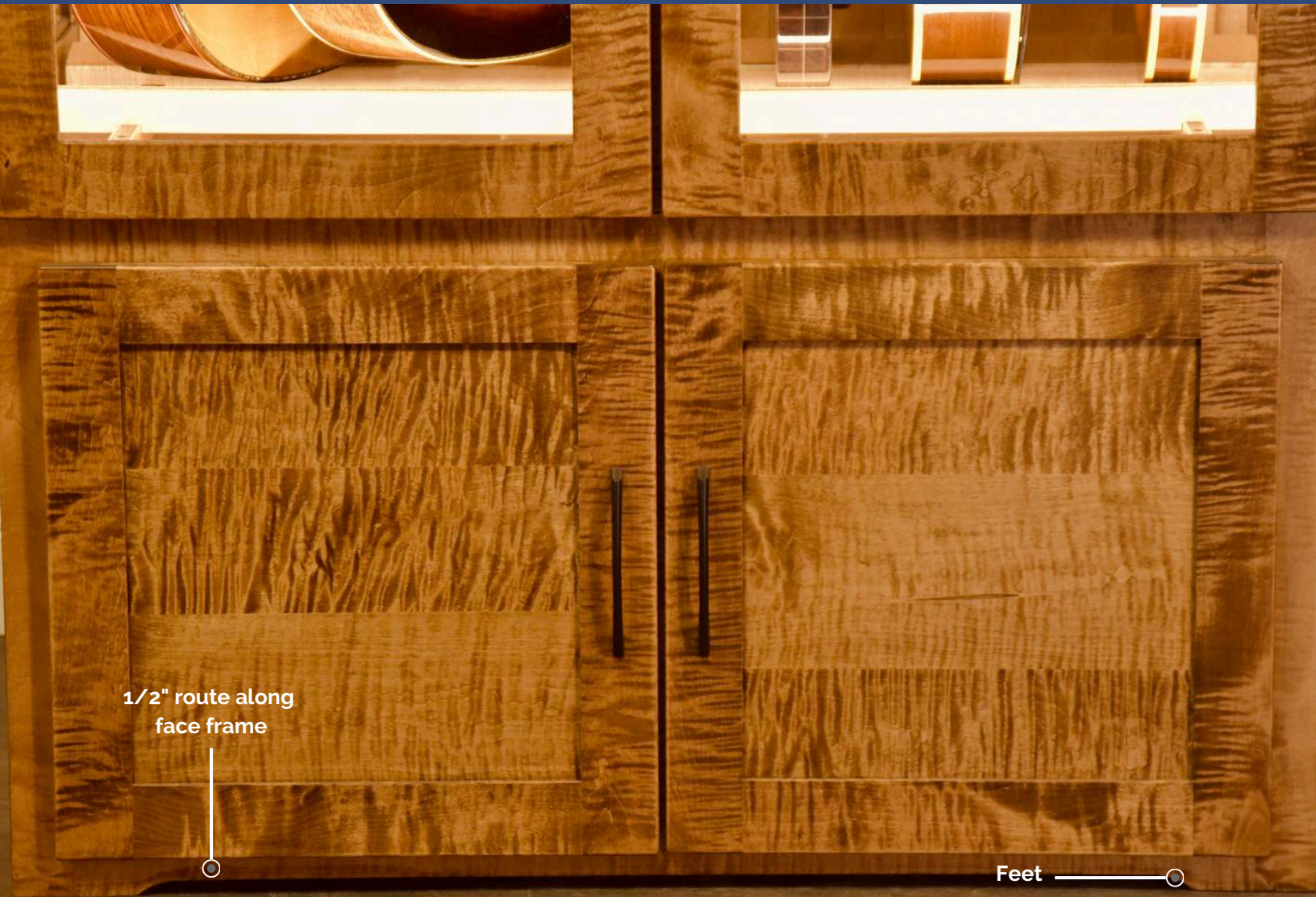
Greenwich
Collection
Pulls

Mission Panels

21 1/8" D

17" H

LOWER SECTION - STANDARD COMPONENTS



STANDARD LOWER SECTION - HUMIDITY CONTROL SYSTEM



- 1 Fill Port
- 2 Fan
- 3 Wire Organization Cubby
- 4 Power Strip
- 5 Slotted Cover Plate
- 6 Wire Channel

STANDARD HUMIDITY CONTROL SYSTEM AND POWER SUPPLY

Understanding the distinction in the placement of the humidifier is crucial. The placement is contingent upon the level of customization applied to the lower section. In the case of a standard 17" lower section, a hardwood box is recessed beneath the upper section's floor. A square cut-out in the floor accommodates a slotted hardwood cover plate. Removing this plate reveals various components: the humidifier reservoir, lid with a fill port and fan, the power strip mounted on the left side wall, and a wire organization box on the back wall for managing excess wiring from the controller. The power strip provides power for the humidity control system and the LED lighting. These components are compactly arranged for easy accessibility within the ClimaCab, facilitating swift maintenance, refilling, and troubleshooting of power issues. Refilling the reservoir takes less than a minute and is completed by lifting the black slotted cover plate. For wick replacement, the entire unit can be unplugged and removed. We recommend gently cleaning the reservoir and wiping down the lid.

DUCTED HUMIDIFIER

As demonstrated on the facing page, the ducted humidity control system operates independently of the hardwood box, accessible by simply opening the lower section doors and, if necessary, moving a few items aside. Apart from additional components like hoses, clamps, and flanges, the maintenance and refilling procedures remain unchanged. Lastly, the power strip will be mounted to the back wall. We can also provide additional power supplies for amplifiers and other electronics.

Later in this document, you'll find illustrations of both standard and custom-sized lower sections featuring enhanced storage options like pull-out trays, shelving, and more.

DUCTED HUMIDIFIER



The placement of the ducted humidifier necessitates positioning it at the rear of the lower section. HVAC hose is employed to transport moisture from the reservoir to the upper section. To accommodate this, all pull-outs must be 12" deep. Drawers can maintain full depth, and the space between them is utilized for routing the hose to the underside of a custom humidifier cover plate. This plate is designed with a circular cut-out and a flange on its underside for attaching the hose.

SHELVES/TRAYS INFORMATION

Shelving and trays increase the functionality of the lower section of the ClimaCab. Depending on the type and intended use, each can provide storage solutions that range from amplifier storage, effects pedal shelves, and general use pull out trays to store straps, books, extra strings, capos, tuners, and more.

SHELVING

Shelves consist of flat boards, either constructed of hardwood or cabinet-grade plywood, that can be pulled out, positioned at fixed locations, or adjustable within the lower section.

- **Pull Out**
 - Features Blum under mount soft close slides, with full extension from the lower section
 - All pull-out shelves are constructed from 3/4" cabinet grade plywood with a strip of hardwood attached and mitered to conceal the outer edge.
 - This lends the shelf a polished, professional look while enhancing its stability. Additionally, the top is recessed by 1/8 inch to offer a slight barrier against items sliding off.
- **Fixed**
 - Permanently positioned flush with the base of the humidifier box, this shelving is supported by two robust hardwood strips, ensuring exceptional durability.
 - Depending on the wood species, the shelf will be constructed of either cabinet grade plywood or hardwood, both with a strip of hardwood concealing the outer edge.
 - This lends the shelf a polished, professional look while enhancing its stability. Additionally, the top is recessed by 1/8 inch to offer a slight barrier against items sliding off.
- **Adjustable**
 - Adjustable shelving can be moved up and down in the lower section using metal shelf stays
 - Adjustment is quick and easy
 - Shelf stays are extremely strong and durable

TRAYS

Trays can be likened to open-top drawers featuring hardwood sides and a cabinet-grade plywood bottom. At the center front, a slight indentation is routed out to facilitate easy pulling of the tray outward.

- **Pull Out Trays**
 - Features Blum under mount soft close slides, with full extension from the lower section
 - All pull-out trays are constructed from 3/4" hardwood for the outer edges (front, back, and sides) and 1/2" cabinet grade plywood for the bottom.
 - Half-blind dovetail joints create a full wood face with joinery showing on the sides

HARDWARE

Blum under-mount soft-close slides are designed to support up to 75 pounds per set. If needed, additional weight capacity can be requested, although it is typically unnecessary.

JOINERY

A half-blind dovetail allows woodworkers to conceal the joint from the front view. The tails are inserted into sockets at the ends of the board intended for the front of the item, ensuring their ends remain hidden. For further examples and details, refer to the Dovetailed Drawers section of this document.

SHELVES/TRAYS EXAMPLES

Customizable Pull Out Trays

- A: Depth
 - Standard - 2 1/2", As Shown - 5 1/2"
- B: Width
 - Standard - 18", As Shown - 18"
- C: Length
 - Standard - Varies Based on ClimaCab Size



Amp Pull Out Shelf

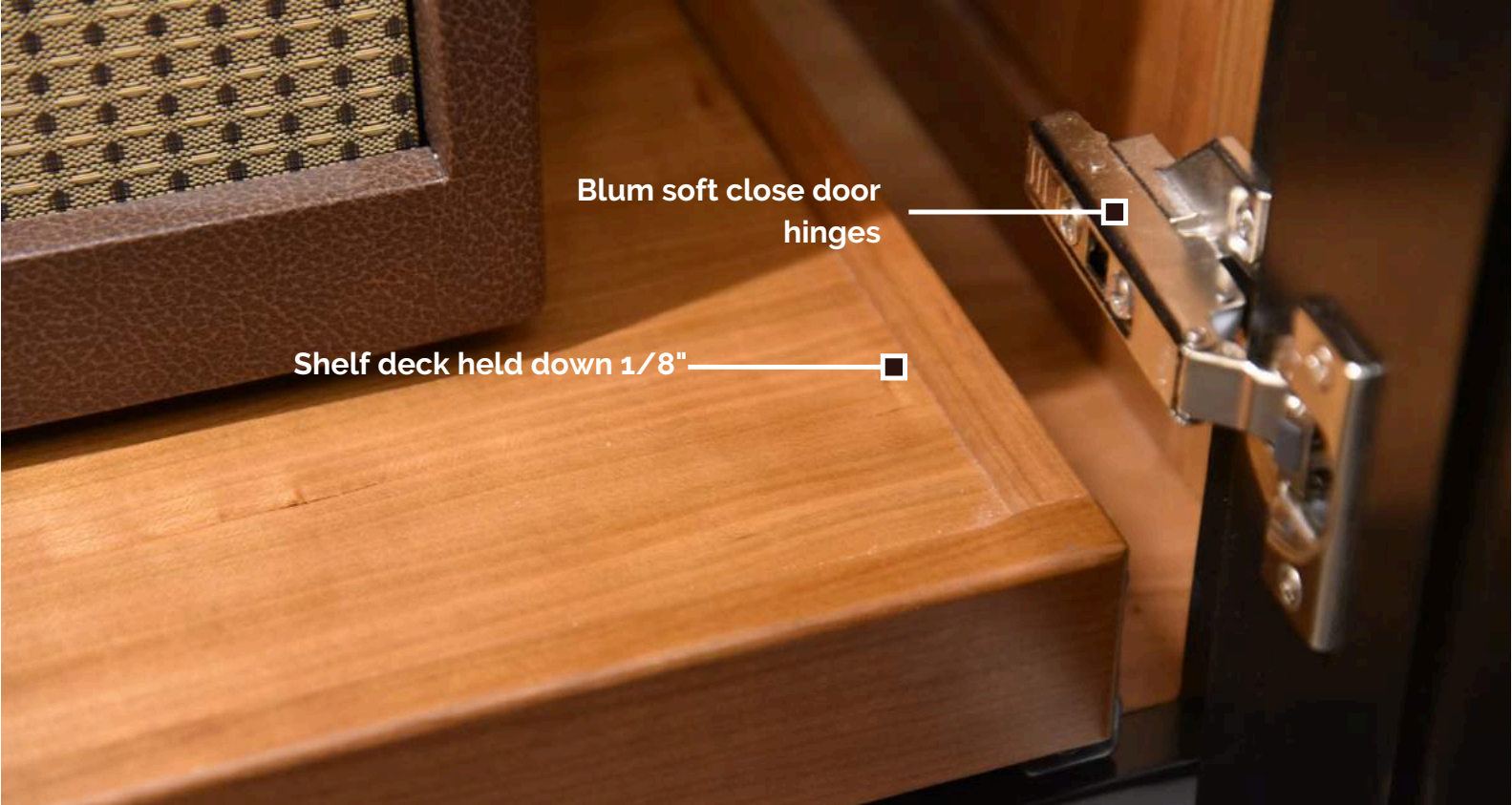


This lower section is 25" tall. It can fit an amp roughly 17" tall. A general rule of thumb is to measure the amp from floor to top of amp handle and add 8". The resulting number is the height of the lower section required to store the amp on the pull-out shelf.

SHELVES & TRAYS



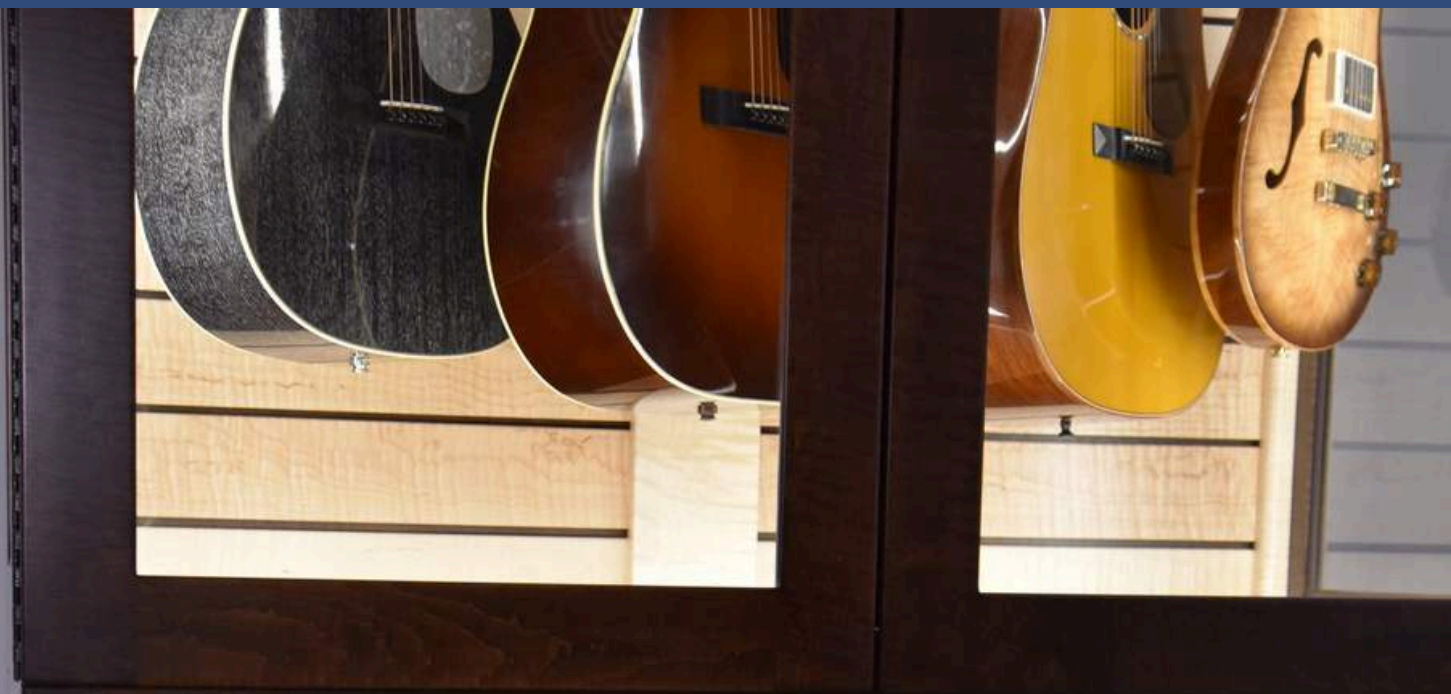
Full extension
from lower section



Blum soft close door
hinges

Shelf deck held down 1/8"

CUSTOM LOWER SECTION EXAMPLES



This cabinet features a 22 1/2" lower section, which can accept an amp approximately 14-15" in height.

CUSTOM LOWER SECTION EXAMPLES



This cabinet features a 22 1/2" lower section, with 4 pull-out trays. The height of the perimeter is determined by what may be stored in them.

CUSTOM LOWER SECTION EXAMPLES



This cabinet features two amplifier pull-out shelves, capable of fitting an amp approximately 20-21" in height.

CUSTOM LOWER SECTION EXAMPLES



This cabinet features a 29" lower section, which can accept an amp approximately 20-21" in height. It also has full depth pull-out trays that filled the available space.

STANDARD LOWER SECTION EXAMPLES



This cabinet features a singular fixed shelf on the left side and a pair of pull out trays on the right side.



STANDARD LOWER SECTION EXAMPLES



This cabinet features adjustable shelving on the left and right side, with an extra storage cubby underneath the humidifier box. This photo also shows the color choices for additional lower section lighting

STANDARD LOWER SECTION EXAMPLES



Flame Maple Pull Out Tray



Fixed Shelf



Fixed Shelf

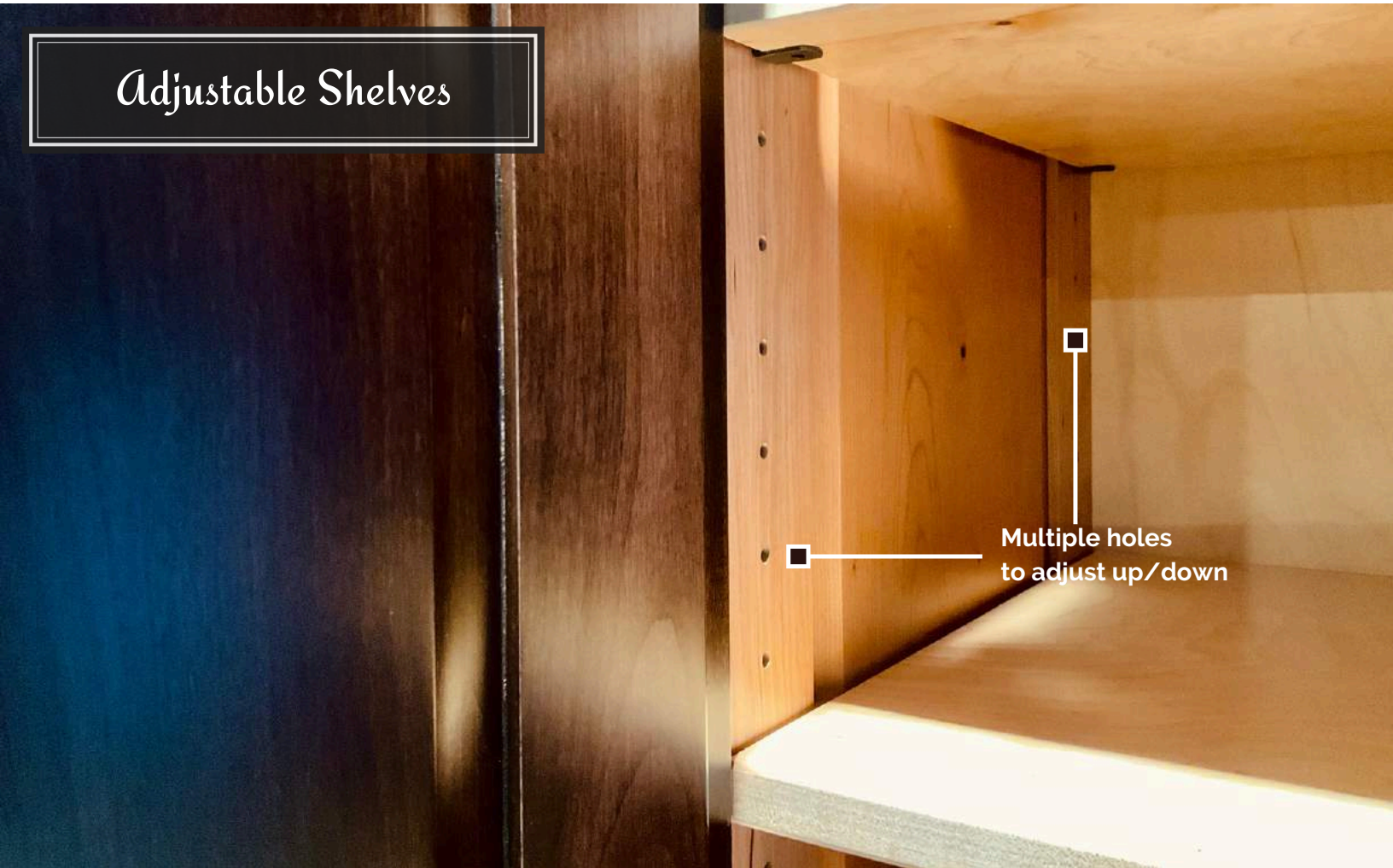
SHELVES & TRAYS



Greenwich Collection
Black



Adjustable Shelves

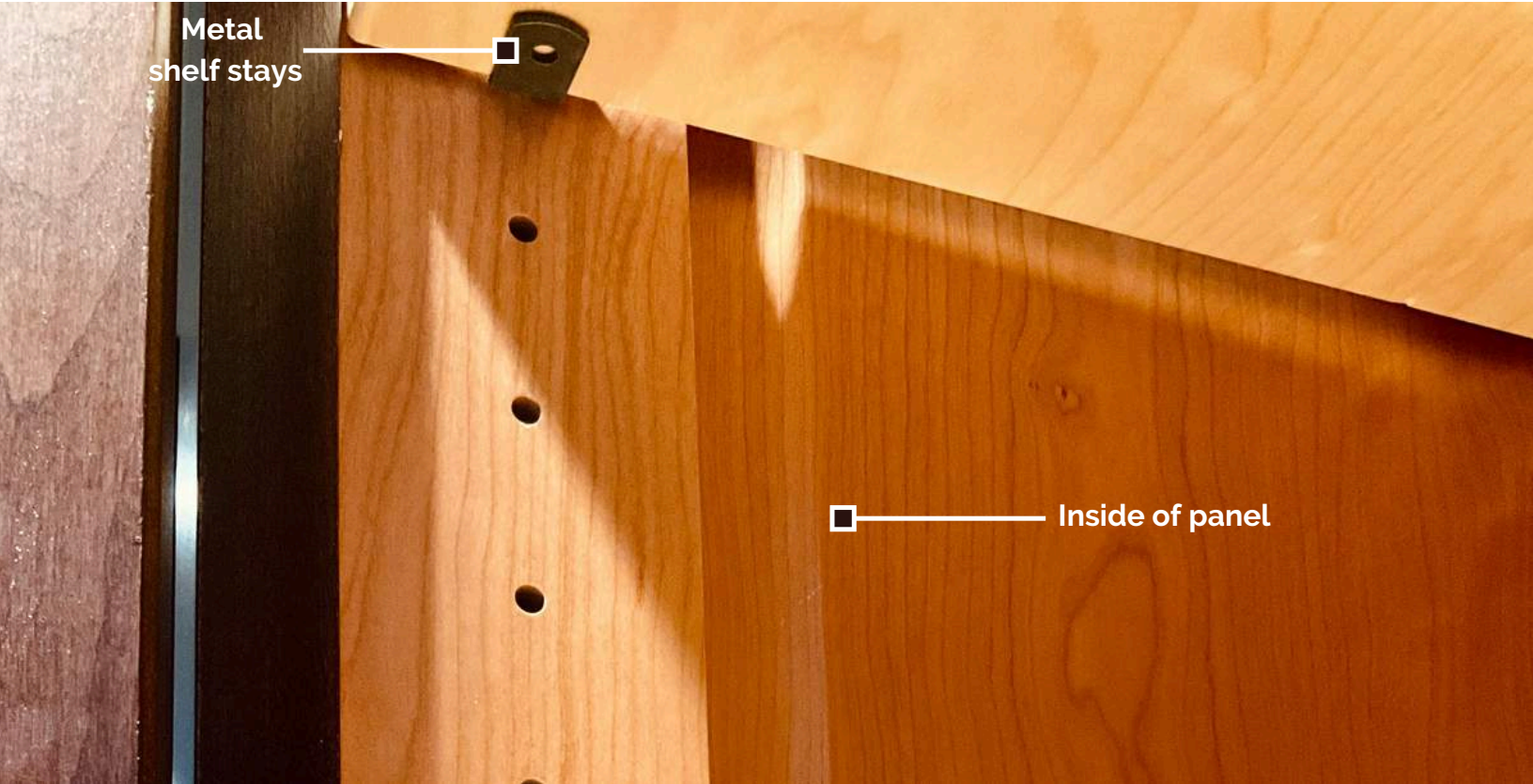
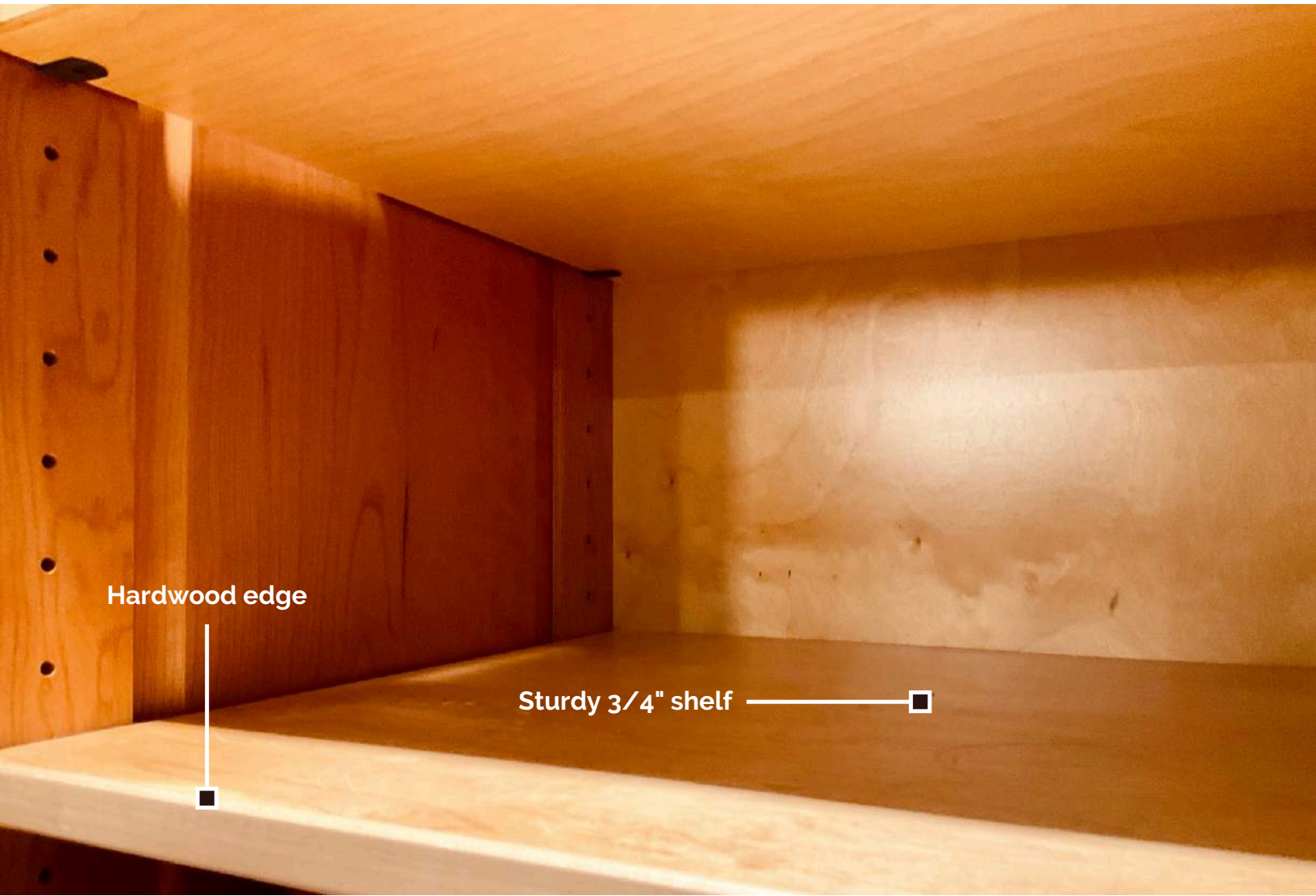


Multiple holes to adjust up/down

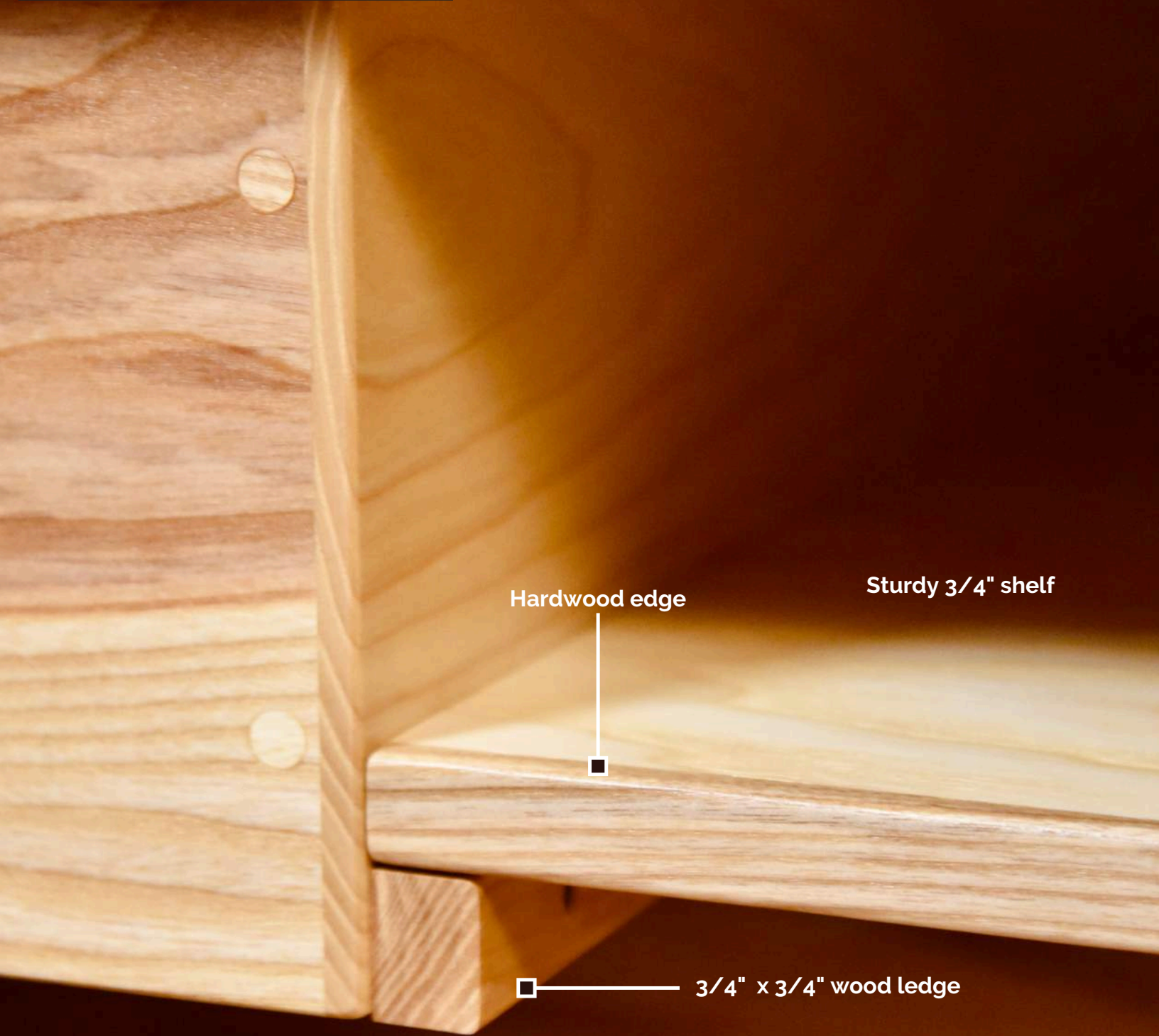


Blum soft close hinges

SHELVES & TRAYS



Fixed Shelves

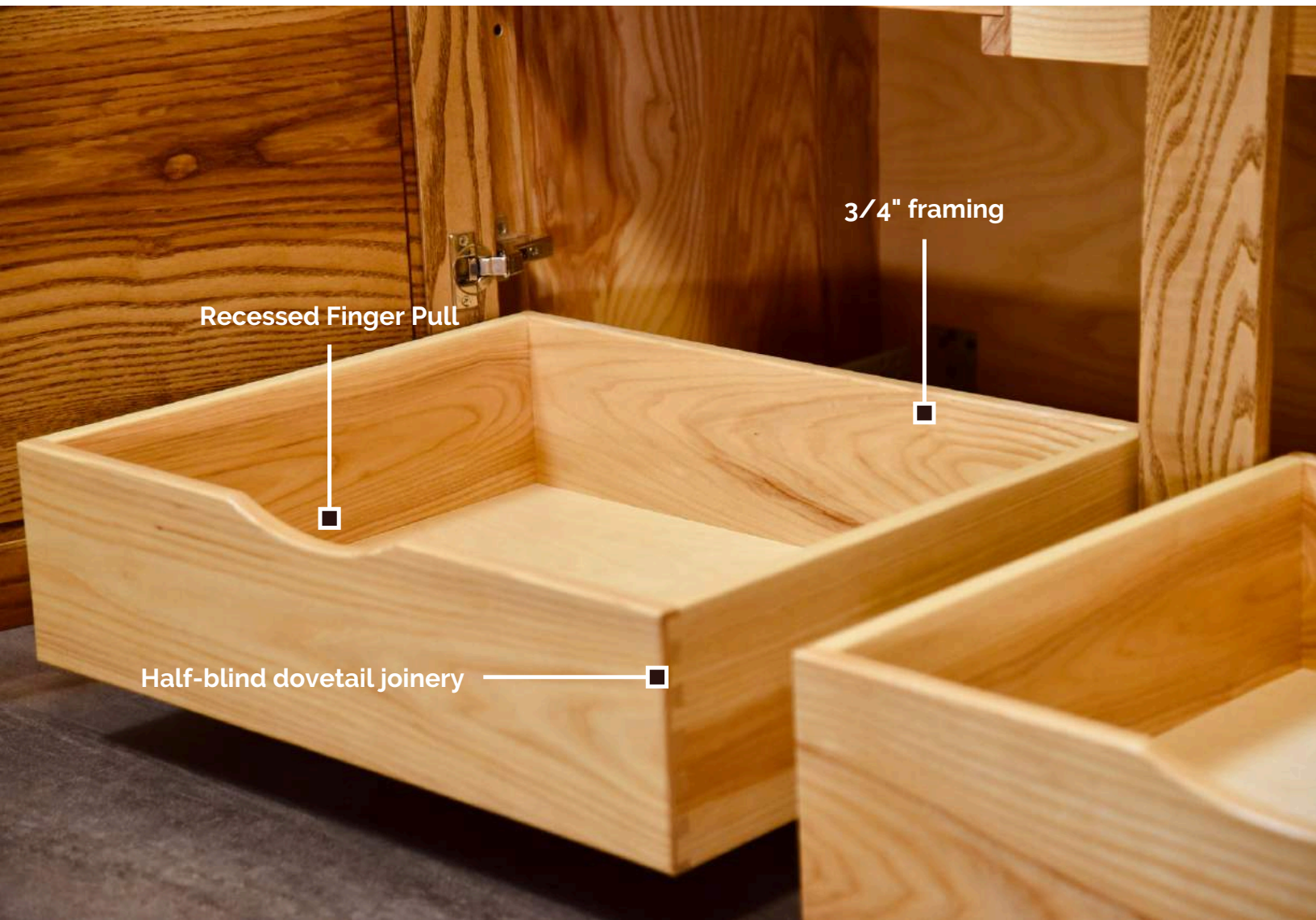


Hardwood edge

Sturdy 3/4" shelf

3/4" x 3/4" wood ledge

General Use Pull Out Trays



CONFIGURATIONS

Configuring the lower section storage options is simple and completely customizable. There are three locations to implement these components - left, right, and full width. Each configuration needs to consider the goals and how much room is required. For example, a wide amplifier may consume more than half the width of the lower section, and in some cases the entire width.

Oftentimes we will stack pull-out trays on top of one another to fill the available space. This option maximizes the space and usually results in deep trays. These deeper trays can have dividers, which are removable boards that slip into a slot cut in the tray side. The examples shown below provide a glimpse of the possibilities and we will work one-on-one with you to customize your lower section.



DOVETAILED DRAWERS

Dovetailed drawers increase the functionality and appearance of the lower section of the ClimaCab. Constructed with exceptional craftsmanship and designed to last a lifetime, the dovetailed drawers provide storage solutions for smaller items such as straps, books, extra strings, capos, tuners, microphones, cables, and more.

DESIGN

Depending on the size of the drawer front, which is dictated by the width of the ClimaCab, we install either one of two handles to operate the drawer. In addition, most drawer fronts will have one panel on the front of the drawer that will match that of the cabinet - either Mission or Raised. We do offer another choice for drawer fronts: the flat drawer front. Since the drawer fronts have less hardwood than doors, and because the drawer box is fastened to the backside of the drawer front, the risk of cracking and warping of the drawer front is almost non-existent.

OPTIONS

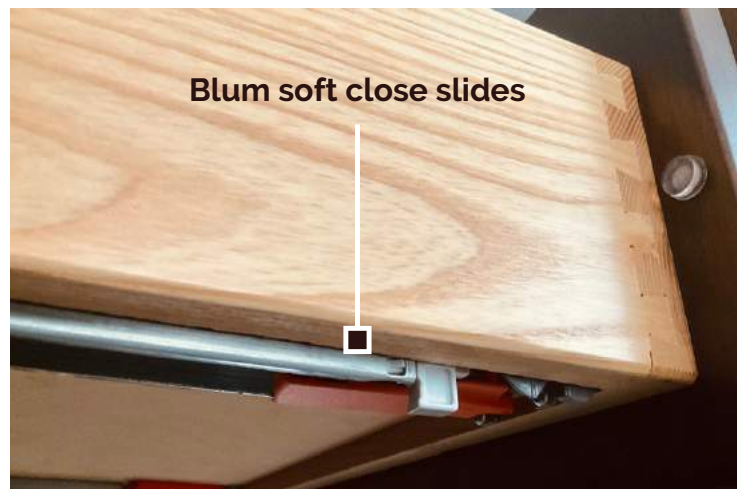
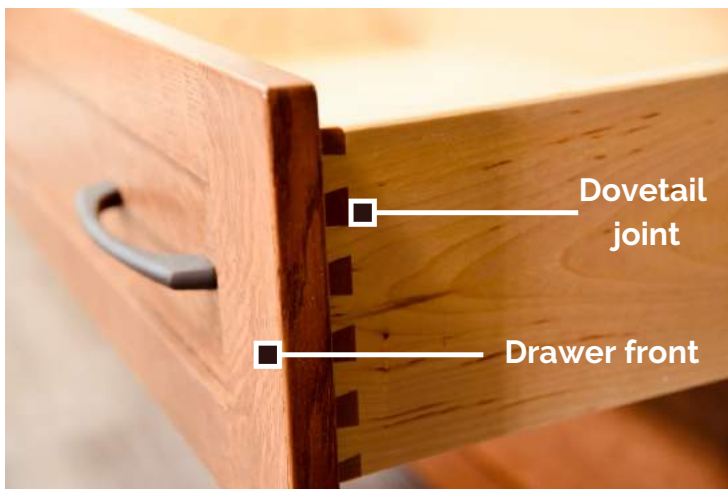
- **Dividers:** We can install dividers within the drawer to provide more organization
- **Pulls:** Select from the hardware finishes we offer or provide your own
- **Depth:** The depth of the drawer box is dependent on the height of the lower section. If it remains the standard 17", then the available space is less than if the lower section is expanded. Each situation is unique and we will design accordingly

HARDWARE

Blum under-mount soft-close slides are designed to support up to 75 pounds per set. If needed, additional weight capacity can be requested, although it is typically unnecessary.

JOINERY

A half-blind dovetail allows woodworkers to conceal the joint from the front view. The tails are inserted into sockets at the ends of the board intended for the front of the item, ensuring their ends remain hidden.



DOVETAILED DRAWERS

Drawers Above Doors



Drawer dividers



DOVETAILED DRAWERS

Drawer Dividers



Drawer dividers

 **AKG**[®]

DOVETAILED DRAWERS



LOW PROFILE

The standard height on the ClimaCab lower section is 17". We can make the lower section "low profile" by reducing the height to approximately 10 1/2", which is the minimum amount required to house the hardwood box for the humidity control system, the power supply, and the wiring for the humidity control system and LED lighting.

In addition, under rare circumstances where the humidity control system is not required.



10 1/2" H

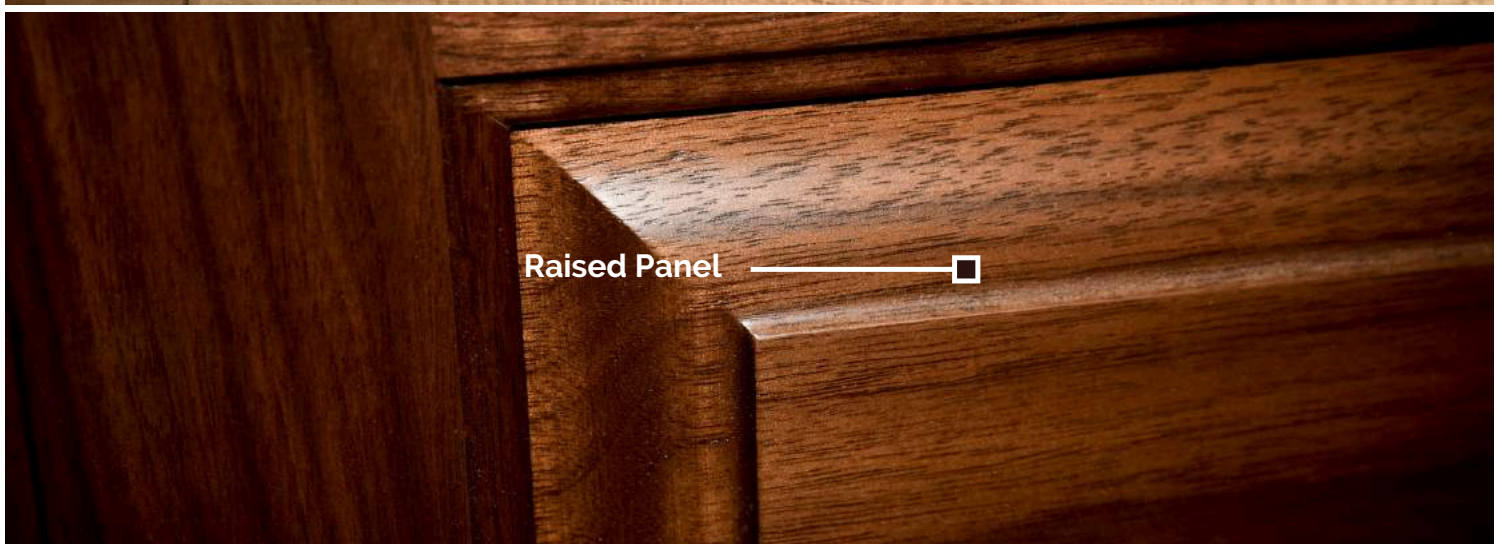
PANEL TYPES

In essence, the primary distinctions between a mission (also known as shaker) and a raised panel lie in their appearance

A Raised Panel design is associated with a more formal aesthetic, commonly found in traditional cabinetry. This design features a center panel surrounded by an outer rim or overlay. The edges of the center panel are carved, creating a raised effect, with the panel's edges sloping backward towards the stiles and rails. The overall impression is that of a cabinet door crafted from a single, substantial plank, often adorned with subtle decorative elements.

Conversely, a Mission Panel embodies a simpler, contemporary style typically seen in modern cabinetry. It also comprises a center panel and a flat frame overlay around the perimeter. The mission panel emphasizes clean lines without decorative carving or raising in either the panel or the overlay. The center panel remains entirely flat, resembling a slab cabinet door, while the overlay exudes a sleek and minimalist aesthetic. This design principle adheres to the notion of "less is more," offering a timeless appeal that harmonizes with various interior spaces.

In summary, Mission Panels lean towards contemporary or transitional styles, commonly featured in modern designs, while Raised Panels are prevalent in more traditional settings.



REMOVAL OF DOORS

Before taking delivery of your ClimaCab, it's essential to plan how you'll transport it from point A to point B safely. Proper handholds and grip points are crucial for secure handling. By removing the lower section doors, you can utilize the face framing as handholds for lifting, maneuvering, and positioning the ClimaCab. This guide demonstrates how to release the hinges and remove the doors. Additionally, we've provided a YouTube link (not our content) featuring a straightforward video tutorial on this process. We recommend reviewing the document on our website and/or watching the video for comprehensive training on this important aspect of ClimaCab ownership.

To access the website links, scan the QR code using your iPhone camera or a QR code reader app on other devices. If you don't have access to a QR code reader, you can visit the website links provided below.



Links

Acoustic Remedy
Website

YouTube

DISASSEMBLY / 2 PART SHIPPING

Disassembly or shipping in two separate parts may become necessary to navigate smaller doorways or tight corners, especially if the lower section of your ClimaCab has expanded in size due to additional options outlined in this document.

Final delivery to your home is typically facilitated using box trucks. However, it's important to note that crates taller than 90 inches may pose logistical challenges, as our standard crate adds 8 inches to the cabinet's height, resulting in a total of 80 inches. Therefore, any expansion of the lower section exceeding 10 inches necessitates splitting the ClimaCab for shipping. Additionally, modifications to the upper section, as detailed in a separate Acoustic Remedy Buyer's Guide, may also impact the overall height of the ClimaCab, warranting consideration for split shipping.

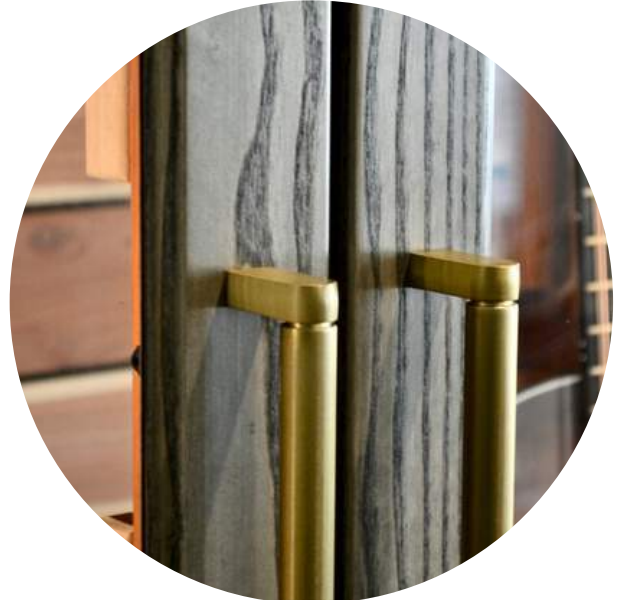
Upon completion of the ClimaCab in our workshop, the upper and lower sections are joined, tested for functionality, cleaned, and photographed before crate preparation for shipping. Should you opt for two-part shipping, we will separate the upper and lower sections and crate them individually. These crates will be secured to a custom-made pallet to minimize shipping costs while ensuring they are treated as a single unit during transit. Reattaching the upper and lower sections upon delivery requires only a handheld drill and approximately 15 minutes under normal circumstances.

If two-part shipping is required, there are two primary ways this need will be identified: first, we will notify you early if the overall height necessitates it, and second, if splitting the shipment is required for any other reason, please inform us, and we will adjust the order accordingly.

CUSTOM HARDWARE

If you elect to have us install custom hardware, we ask that you communicate that early in the process so we can discuss the sizes required and where to ship them.

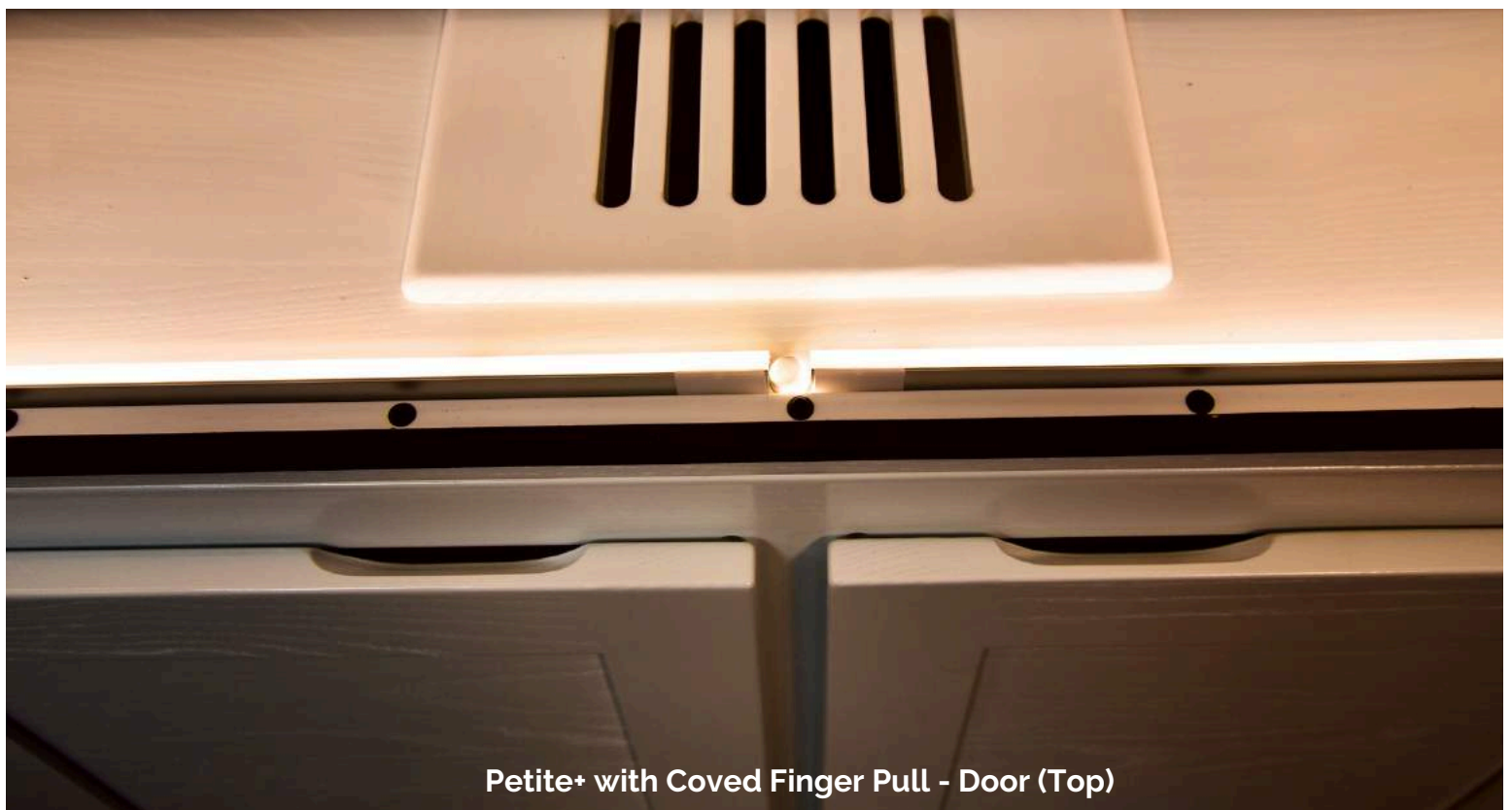
In general, the upper section requires longer pulls than the lower section. Knobs can work for either the upper or lower section doors or a combination of pulls and knobs may be look you're going for.



COVERED FINGER PULL

On the Micro and Petite ClimaCabs, we typically install the covered finger pull on the right side of the door unless the option to include pulls is selected. Conversely, the Petite+ - Grand+ sizes come standard with Greenwich Collection pulls, which can be omitted if a hardware-free appearance is desired. In this situation, the covered finger pull will be used. Because these ClimaCabs utilize a pair of doors, we must install the covered finger pulls on the top of the upper and lower section doors.

Petite with Greenwich Collection Pull (Black)



Petite+ with Covered Finger Pull - Door (Top)

INSET DOORS

The inset doors option positions the door inside the face frame instead of overlapping it. This option gives a different aesthetic quality to the lower section, without negatively affecting the function.

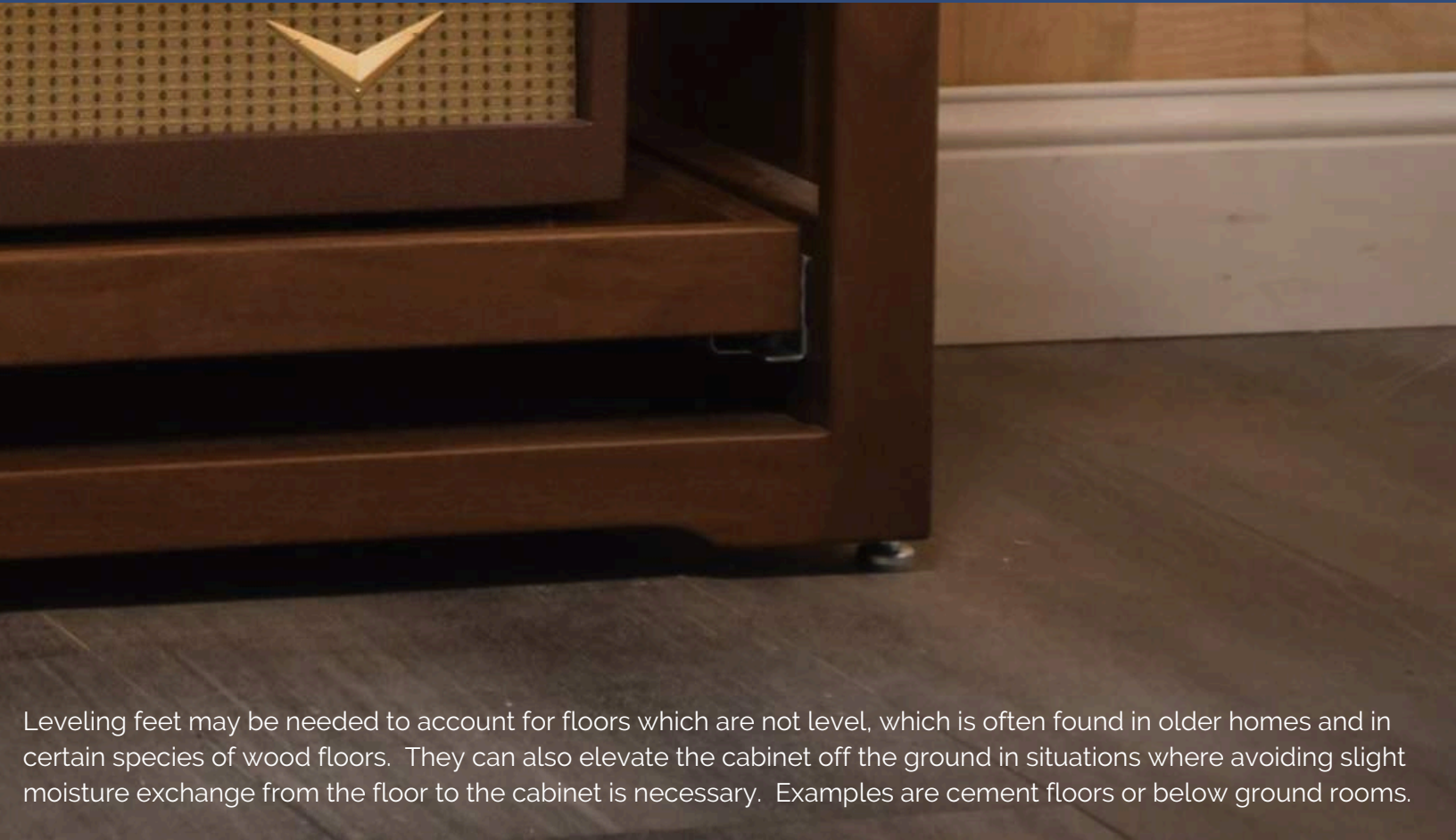


GLASS DOOR FRONTS



Depending on what is planned for the lower section, glass door fronts may be used. We've had several customers request this to show off their music book collection or amplifiers. UV Blocking/Safety Glass is recommended in this application.

LEVELING FEET



Leveling feet may be needed to account for floors which are not level, which is often found in older homes and in certain species of wood floors. They can also elevate the cabinet off the ground in situations where avoiding slight moisture exchange from the floor to the cabinet is necessary. Examples are cement floors or below ground rooms.

CASTERS

Casters can be installed behind the face frame, adding functionality while remaining concealed. The casters we use are non-marking, industrial grade, and installed with appropriate bracing to support the weight of the ClimaCab.

