



VEXELL FACADE ENCLOSURE SYSTEMS

HVAC WOOD SOLUTIONS

Design Solutions

For HVAC Systems

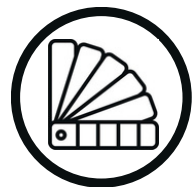
The Vexell Facade Enclosure System offers a refined solution for integrating PTAC units into hospitality interiors. Designed for architects, designers, and contractors, it blends high-performance functionality with elegant concealment—harmonizing effortlessly with surrounding furniture and decor.

Benefits at a Glance:

- **Sleek integration** of PTAC units to preserve design integrity
- **Optimizes airflow efficiency** and guest comfort
- **Customizable** to reflect your brand's unique aesthetic



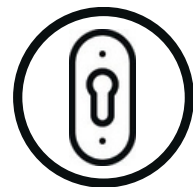
Optimized
Airflow



Customizable



Modular



Wall Mountable



Manufactured
in the USA



VEXELL FOR HOSPITALITY

Facade Enclosure

Aesthetics + Design

Operable Lift-up
Top For Control
Access

Top Grille

Solid Wood
Aerodynamic Louver
Profile

Modular Panel System

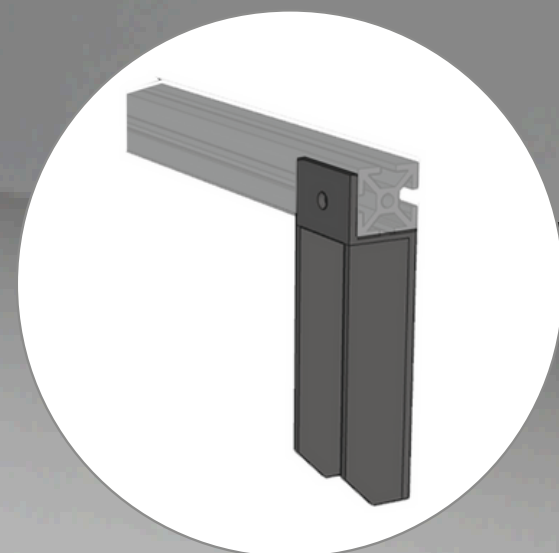
- Interchangeable
- Furniture Grade
- Wide Variety of Styles and Finishes Available



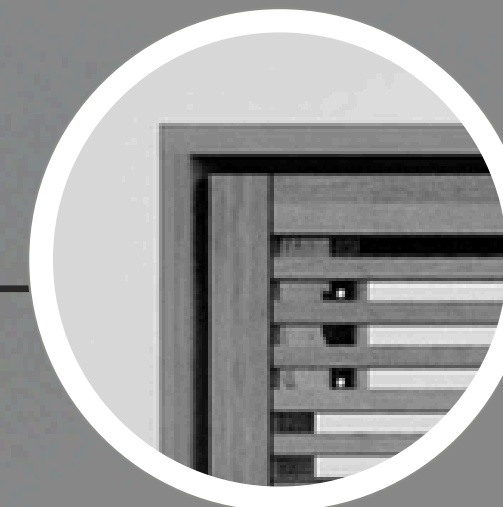
VEXELL FOR HOSPITALITY

Facade Enclosure

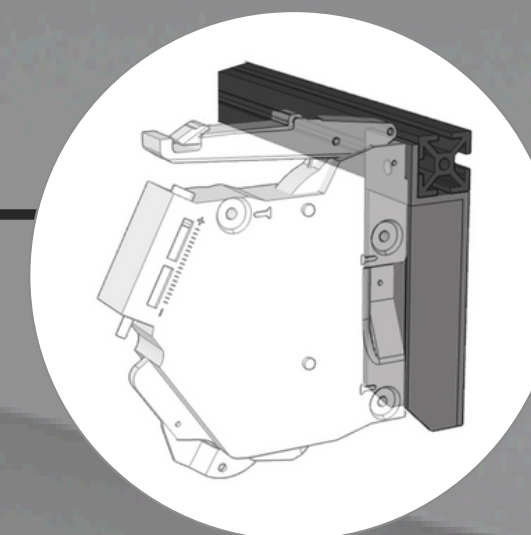
Features + Benefits



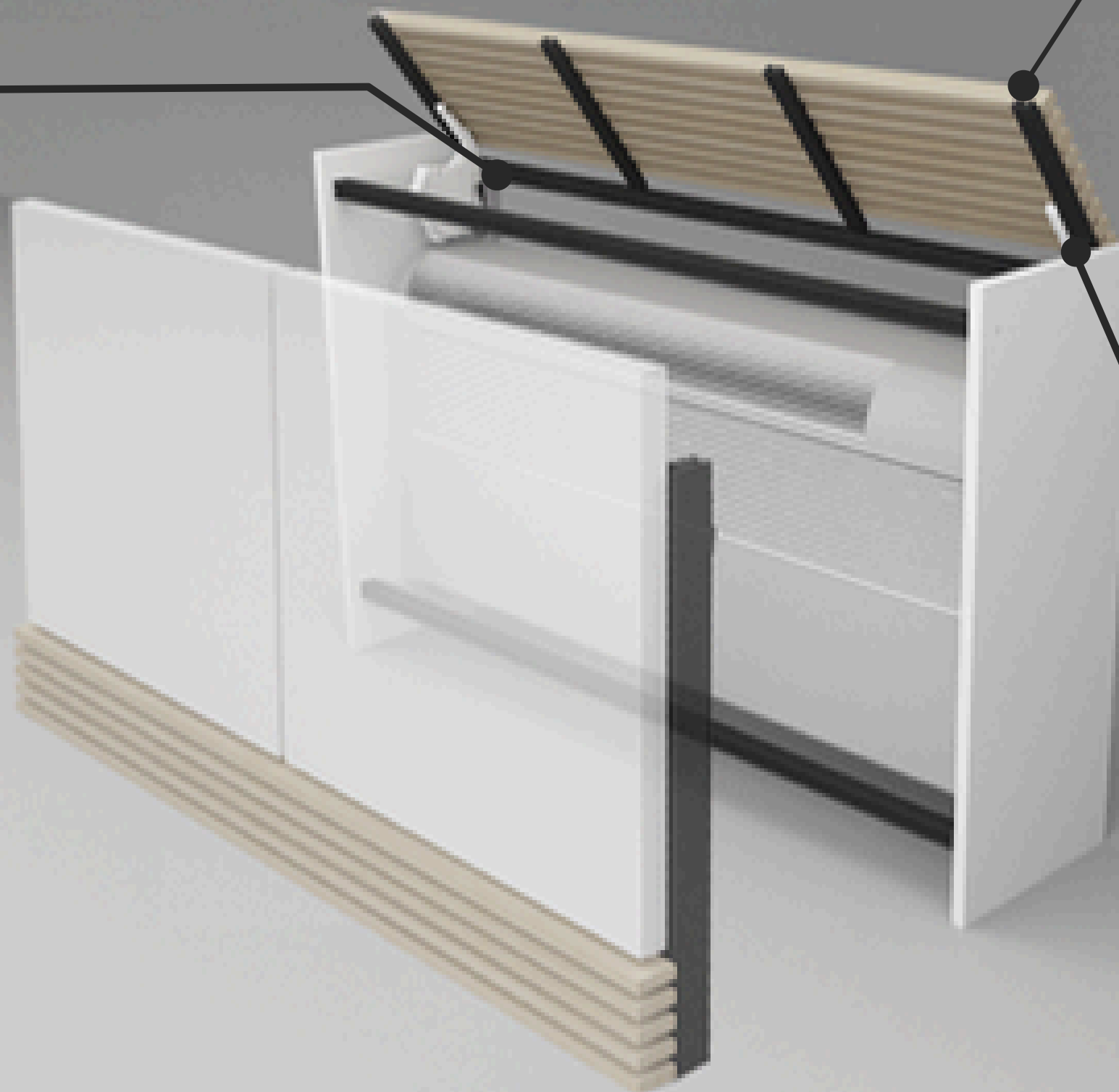
**Lift-Off Mounting
Brackets for Easy
Installation and
Accessibility**



**Integrated Finger-Pull
For Lid and Front Panel
Operation**

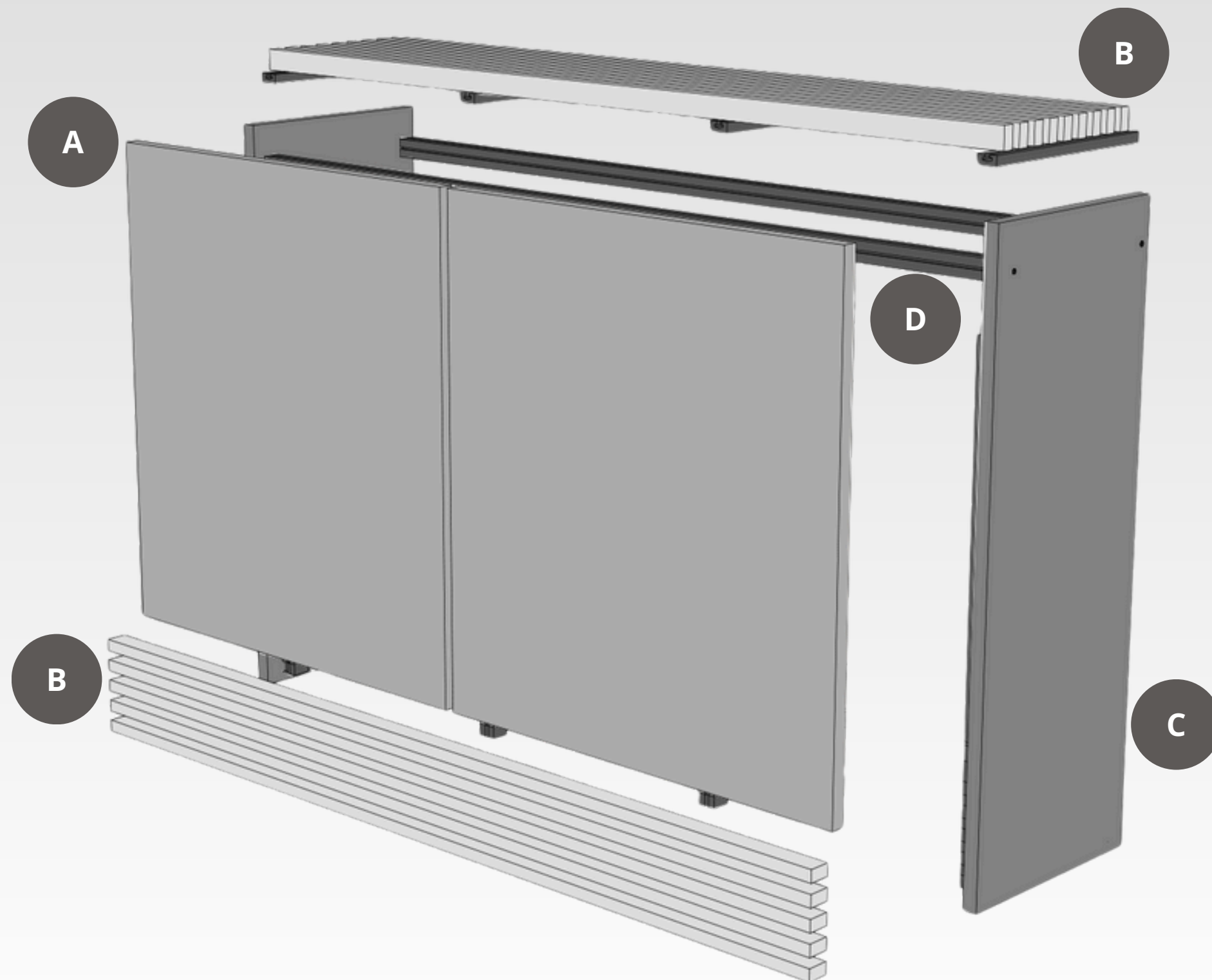


**Soft-Close Lift
Mechanism For
Convenient Access**



Facade Enclosure

Assembly + Components



A. Front Panels

Modular panel system available in a variety of styles and finishes (pg. 6). Panels can be configured as fixed or removable, and are interchangeable with grille panels. Fully customizable to match specified materials, designs, and finishes.

B. Grilles

Our proprietary integrated louver system enables airflow at any required location. Based on the supply and return needs of specific PTAC units, grille placement can vary. The system supports a wide range of configurations and can incorporate functional mechanisms such as hinges, pivots, and removable catches for accessibility and maintenance (pg. 7).

C. Side Panels

Designed to complement the front panel style and finish, side panels are also customizable and reconfigurable to meet unique spatial or design requirements.

D. Aluminum Chassis

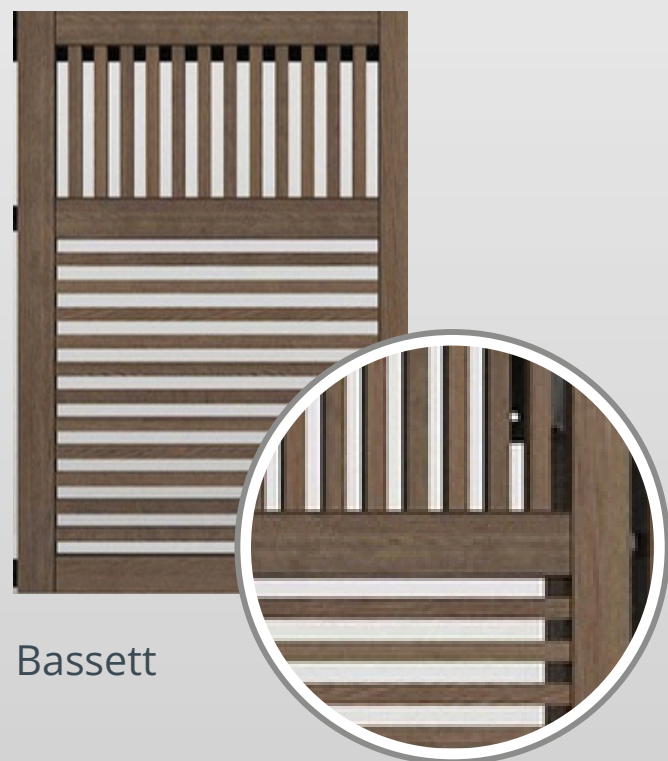
The extruded aluminum framework forms the core structure of the system. Engineered for strength, durability, and commercial performance, the chassis supports long runs, complex layouts, and extensive customization, all while maintaining a rigid and functional design.

**All models are modular and customizable. Talk to our sales team to get a custom quote at sales@vexell.com.*



Facade Enclosure

Panel Styles



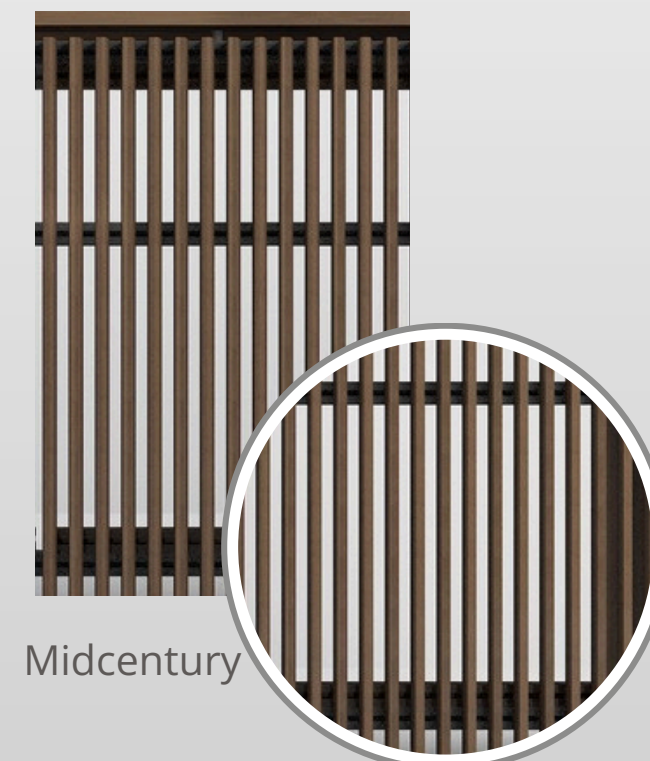
Bassett



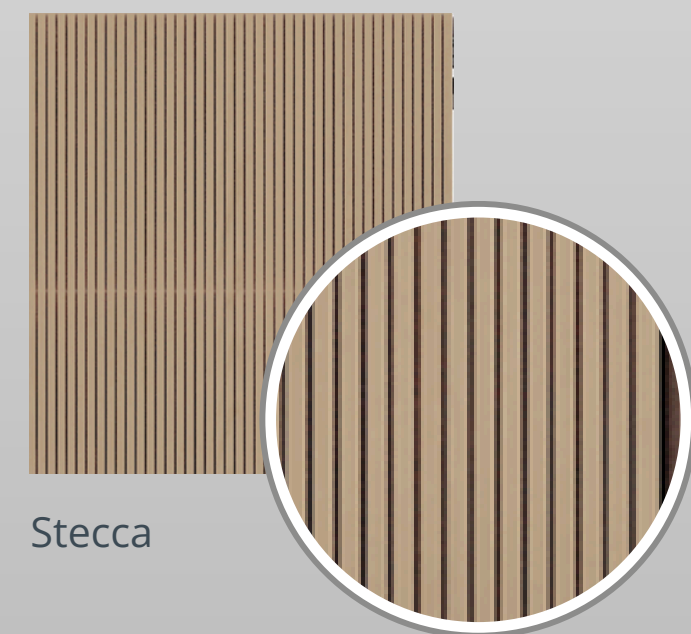
Industria



Midcentury



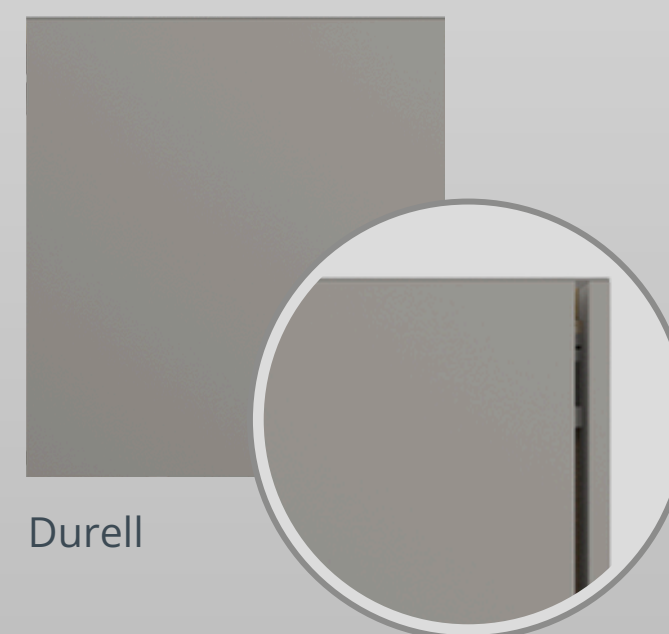
Midcentury



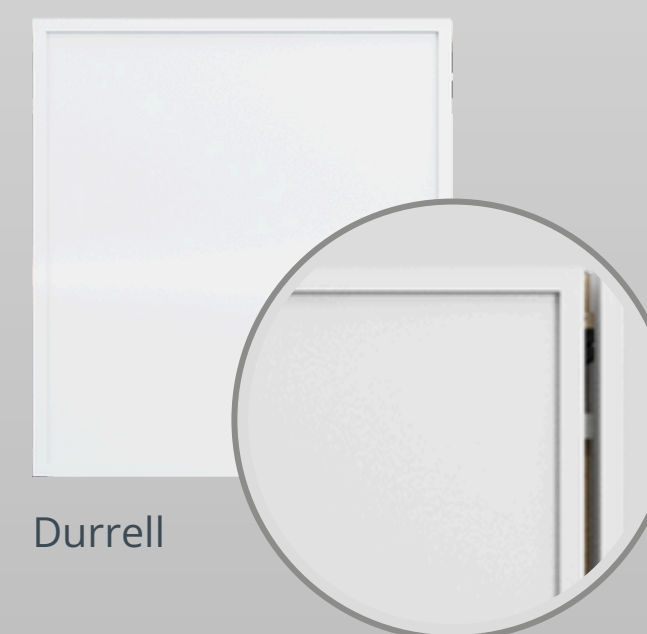
Stecca



Bassett



Durrell

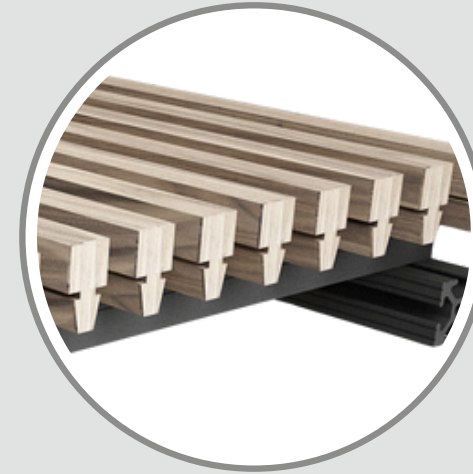


Durrell



Facade Enclosure

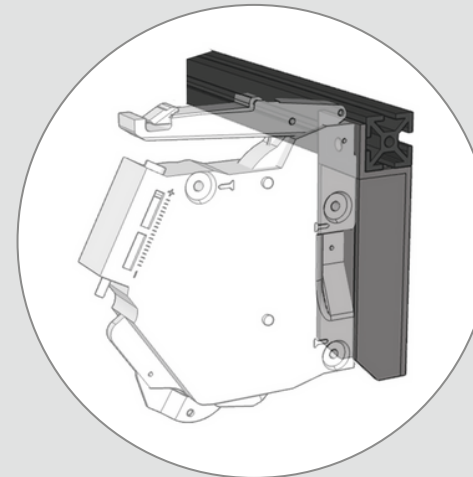
Grille System



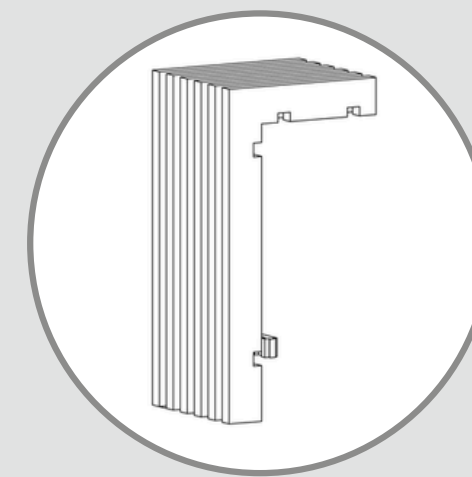
The louver system features an aerodynamic profile that maximizes airflow and ensures proper performance.



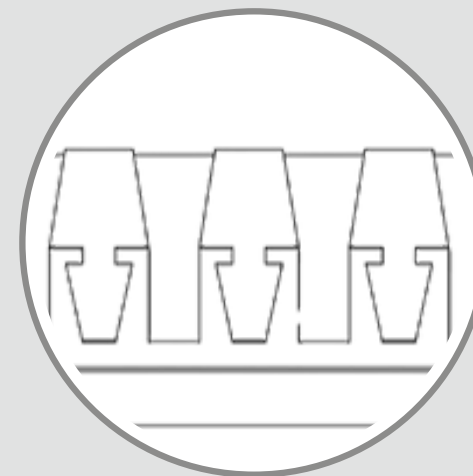
The Grille system can be fully integrated into the enclosure.



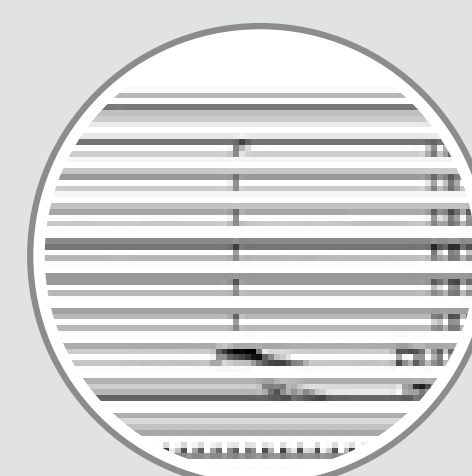
The grille panels can accommodate lift mechanisms, pivot and tamper-proof hardware to meet required functionality.



The modularity of the grille system allows it to be used in conjunction with all other panel styles



The patented louver profile is milled in-house to ensure precise and consistent connections.

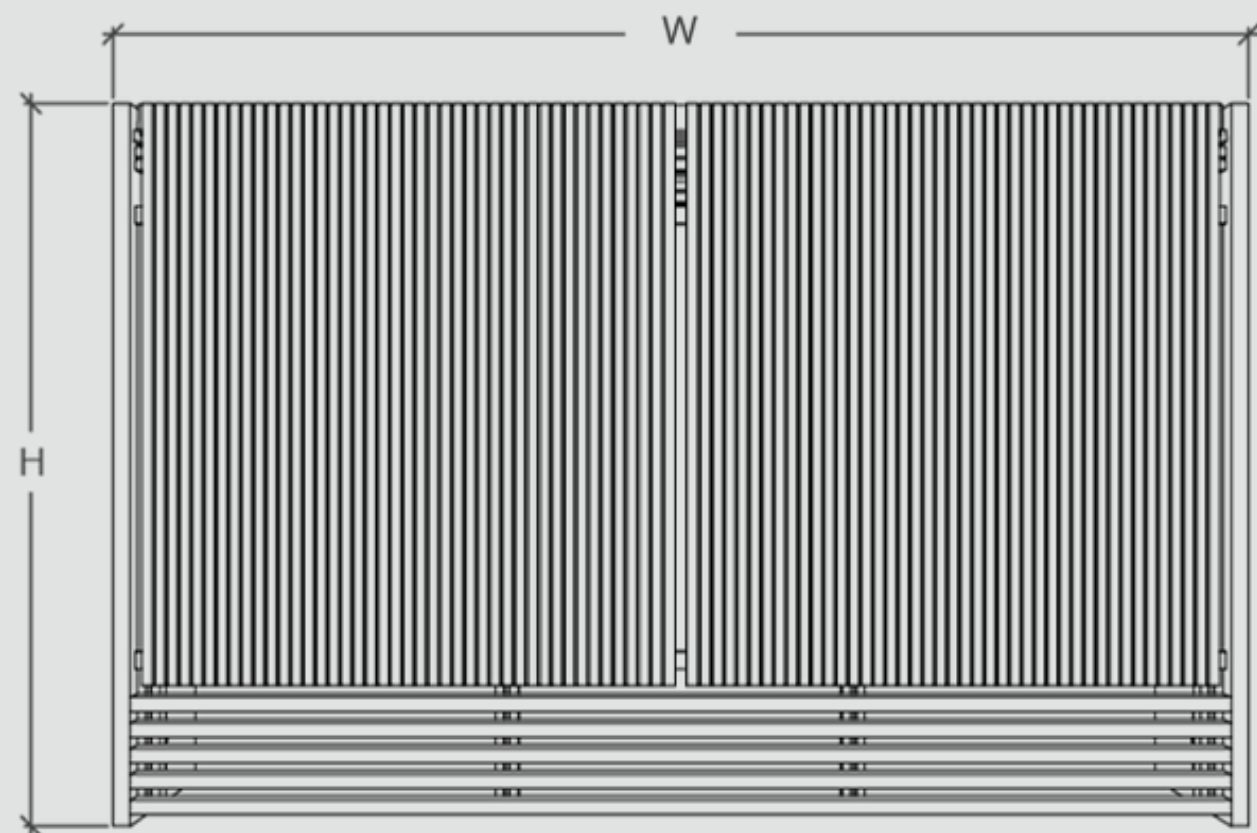


Grille panel placement is coordinated with the supply and return air locations to ensure optimal circulation.



Facade Enclosure

Technical Drawing

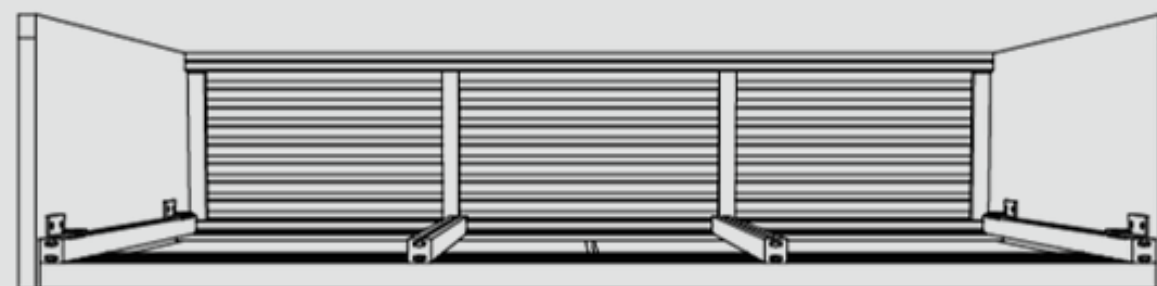
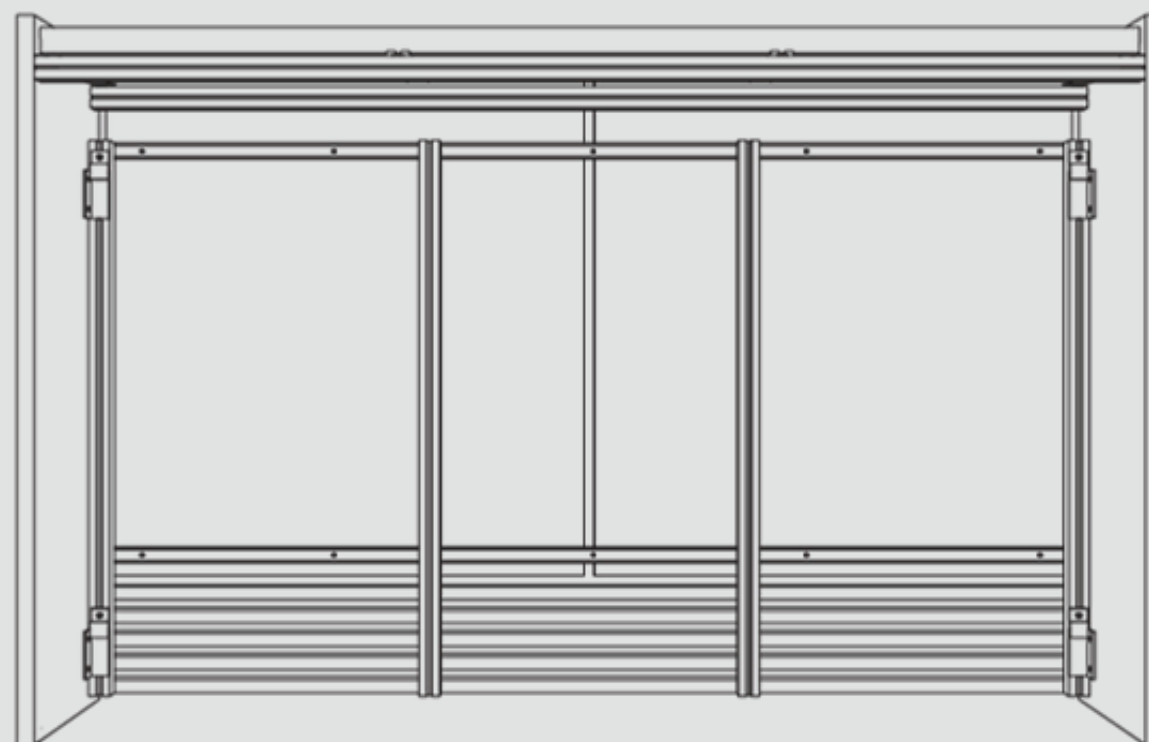
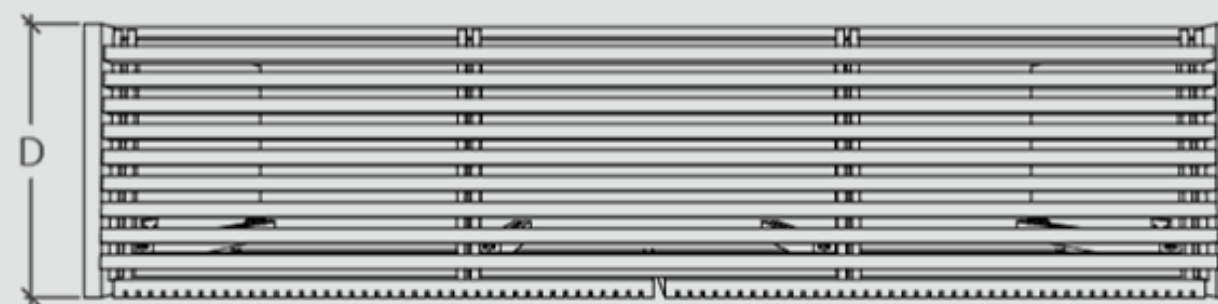


Dimensions: W" x H" x D"

W= [PTAC Unit Width] + ~6"

H= [PTAC Unit Height] + ~2.5"

D= [PTAC Unit Depth] + ~3"



Facade Enclosure

Technical Information



Structural & Material

- **Corrosion-Resistant Coating:** Suitable for coastal or high-humidity environments; powder-coated or anodized aluminum finish for enhanced longevity.
- **Water Resistant Substrate**
- **Moisture and Mold-Resistant**
- **FSC Certified Materials:** Sourced from responsibly managed forests.
- **Recyclable Components:** Over 90% of materials recyclable at end of lifecycle.
- **Low VOC Coatings/Paints:** Environmentally safe finishes compliant with LEED standards.
- **Architectural-Grade Aluminum Alloy:** Lightweight and sturdy, resistant to denting or deformation from luggage carts or guest interference.



Performance

- **Minimum 65% Open Air Profiles:** Maximizes airflow to maintain PTAC unit efficiency.
- **Thermal Break Design:** Prevents heat bridging and improves thermal isolation between interior and exterior. Provides R-5.1 thermal resistance.
- **Airflow Optimization Geometry:** Louvers (grilles) engineered to minimize turbulence and back-pressure on PTAC intakes.
- **High-Temperature Tested Aluminum Frame:** Rated for performance in ambient temperatures, ensuring long-term durability.
- **Noise Cancellation:** Select material and configurations offer sound insulation values up to NRC .45.



User Experience

- **Modular Design:** Easy to assemble, disassemble, or retrofit without special tools.
- **Tool-less Access Panels:** Enables quick service access to PTAC unit while maintaining enclosure integrity.
- **Tamper-Resistant Fasteners / Locks:** Provides added security for units in public or high-traffic environments.
- **Infinite Customization:** Modular structure allows variety of custom designs that span from different material, design and color choices.
- **Integrations and Accessories:** Shelving and seating integrations plus additional accessories streamline the user experience.



Facade Enclosure

Typical Configurations



BASSETT
PT/ST/FW

**Shown as PTAC Front Supply Configuration*



INDUSTRIA
PT/ST/FW

**Shown as PTAC Front Supply Configuration*



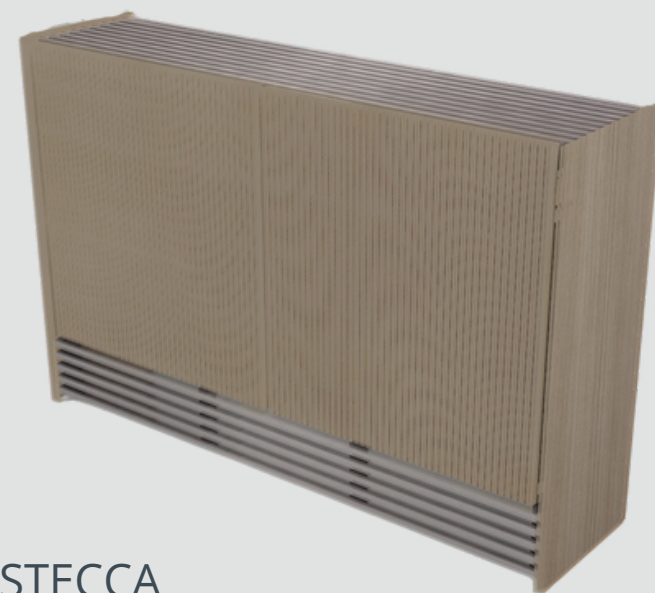
MIDCENTURY
PT/ST/FW

**Shown as PTAC Front Supply Configuration*



MIDCENTURY
PT/ST/FW

**Shown as PTAC Front Supply Configuration*



STECCA
PT/ST/FW

**Shown as PTAC Top Supply Configuration*



BASSETT
PT/ST/FW

**Shown as PTAC Top Supply Configuration*



DURELL
PT/ST/FW

**Shown as PTAC Top Supply Configuration*



DURELL
PT/ST/FW

**Shown as PTAC Top Supply Configuration*



Facade Enclosure

Modular Design

Configurations:

A – Single Enclosure

One removable front panel with top supply grille.
Airflow: Single-direction upward supply.

B – Double Enclosure *(Standard)*

Two removable front panels with top supply grille.
Airflow: Uniform upward supply across dual compartments.

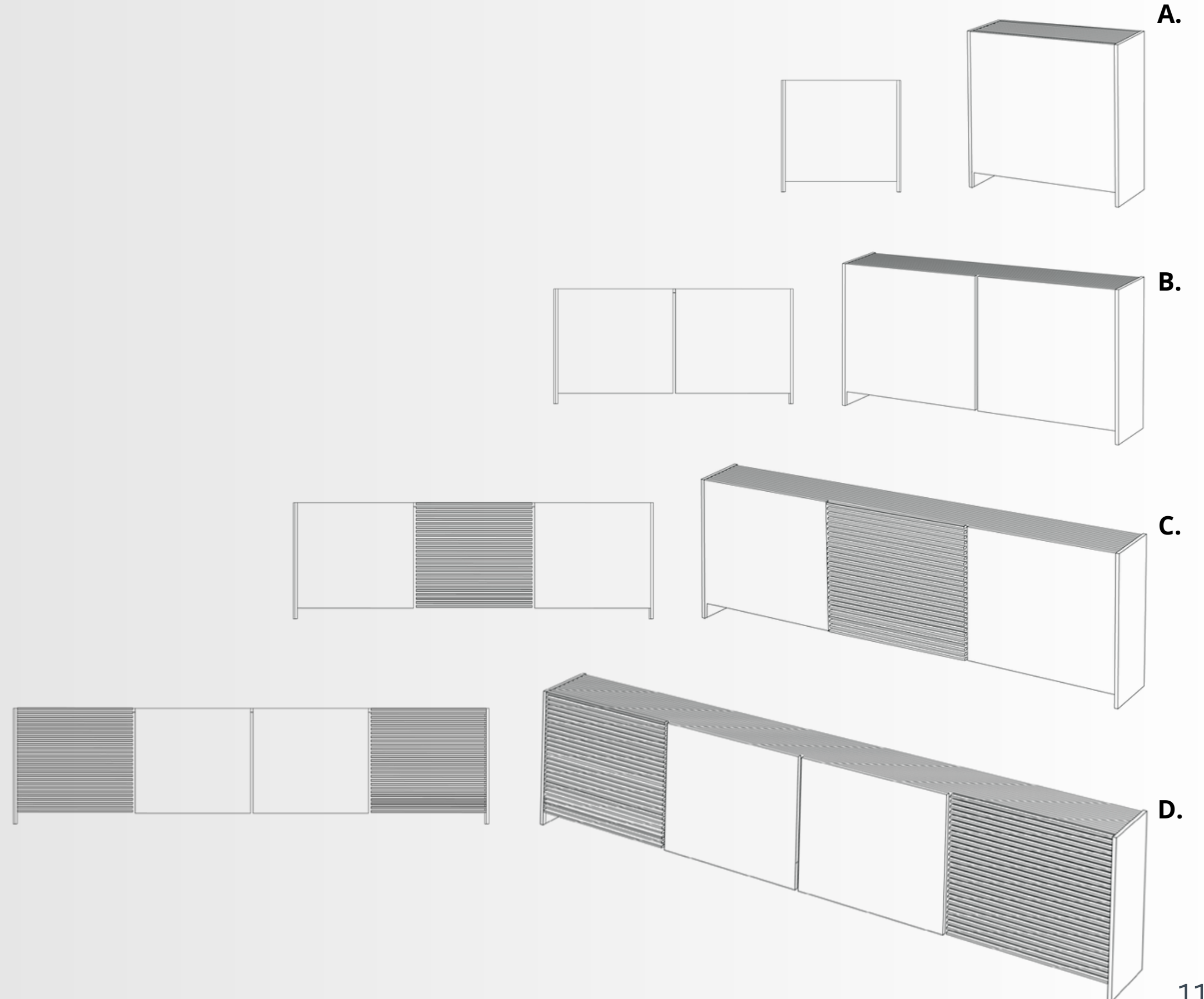
C – Triple Enclosure

Two removable front panels, one center grille panel, and top supply grille.
Airflow: Central intake with balanced upward supply.

D – Quadruple Enclosure

Two removable front panels, two center grille panels, and top supply grille.
Airflow: Dual central intake with even upward distribution.

Module Configuration

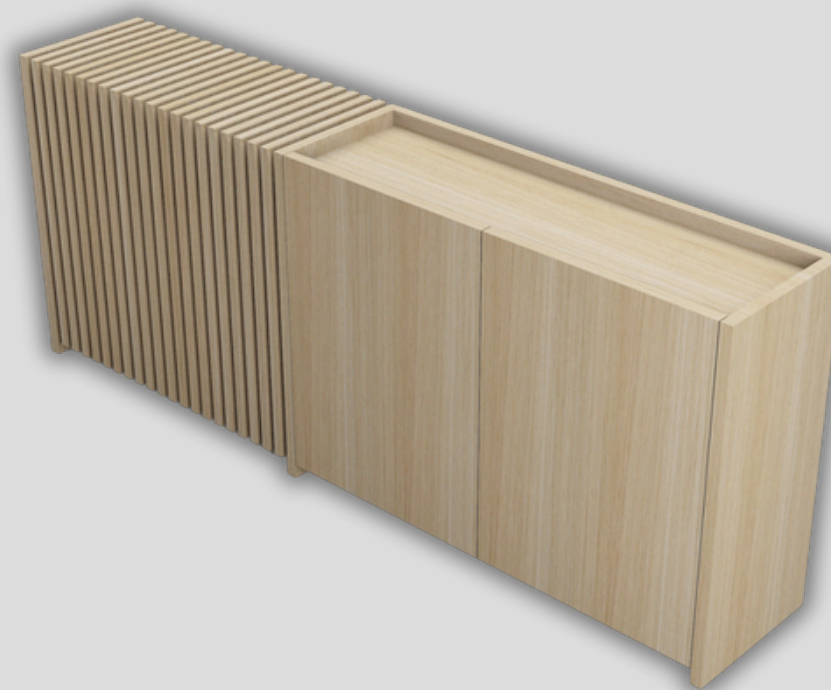


Facade Enclosure

Integrations



Seating: A combined enclosure and seating solution designed to maximize your space. Featuring an upholstered cushion and available in standard or custom COM materials, this integrated piece adds both a pop of color and lasting comfort.



Storage: A unique, integrated storage solution designed to enhance your enclosure with efficient space utilization and practical functionality. Fully customizable in size and finish to suit your needs.



Luggage Management: Streamlined luggage integrations designed for hospitality spaces to enhance the guest experience. Built with durable steel hardware for secure luggage protection and efficient organization.

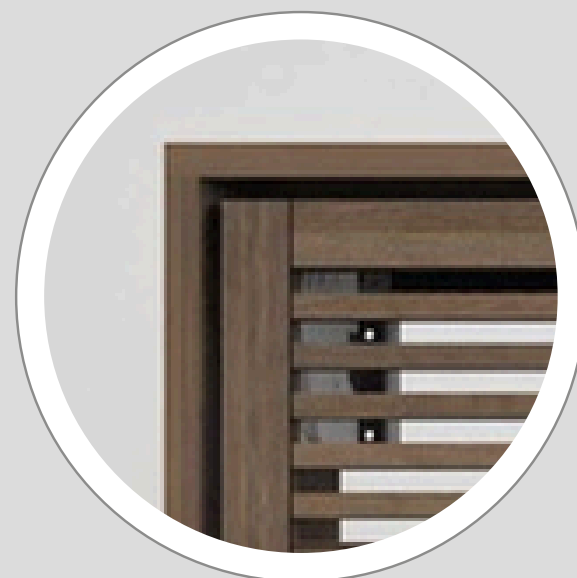


Facade Enclosure

Options + Accessories



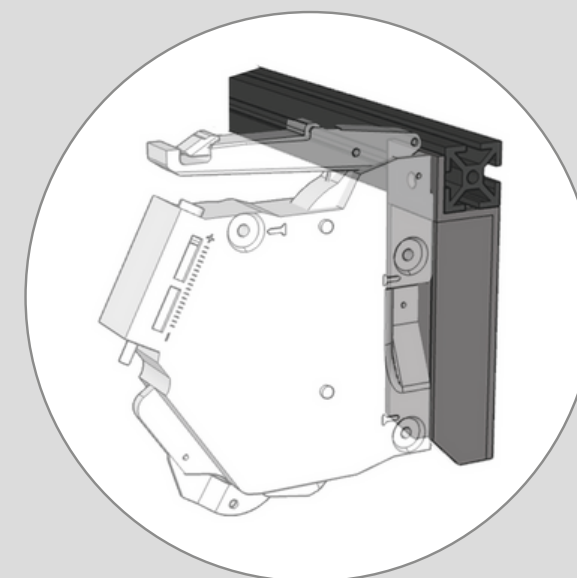
Upholstered cushion made from standard/custom COM materials.



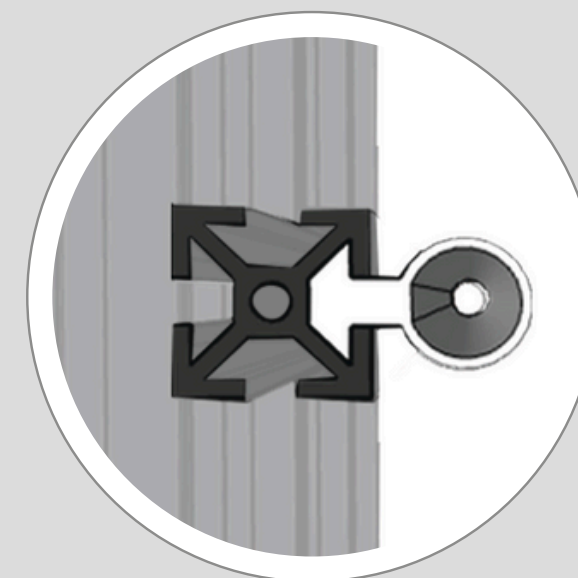
Integrated Finger-Pull For Lid and Front Panel Operation



Steel Luggage Rung for luggage protection



Soft-Close Lift Mechanism For Convenient Access



Internal Baffle Eliminates Recirculation and Improves Airflow



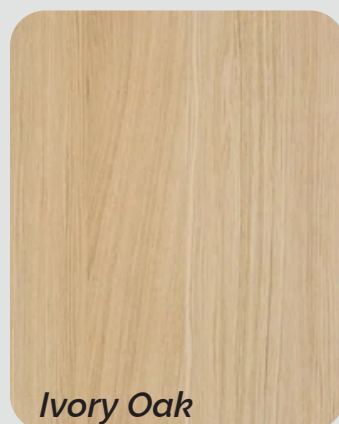
Facade Enclosure

Standard Finishes & Materials

Wood



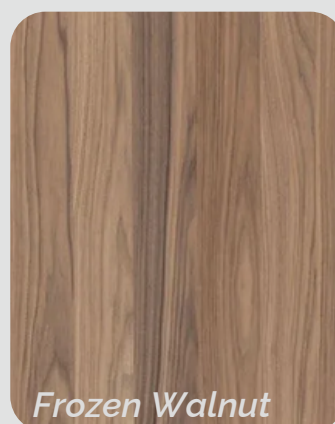
Chalk Ash



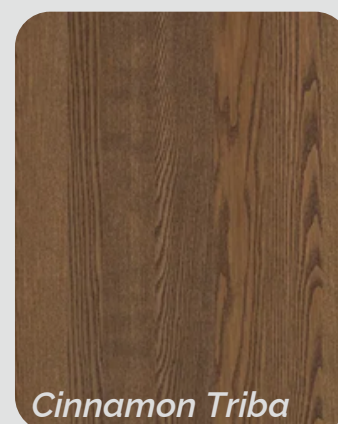
Ivory Oak



Manhattan Oak



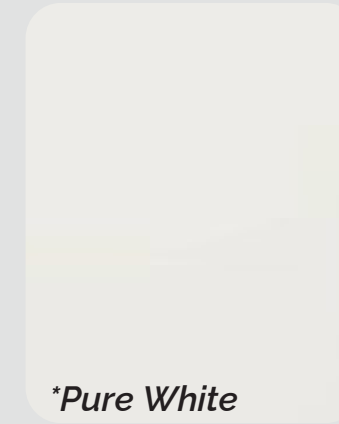
Frozen Walnut



Cinnamon Triba



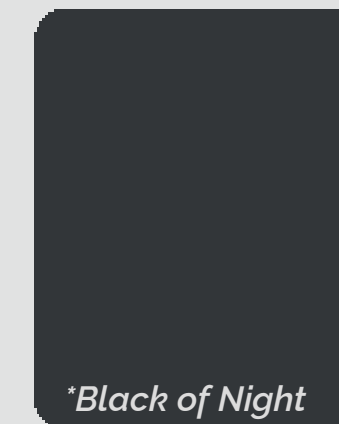
Raven Oak



**Pure White*



**Pewter Cast Gray*



**Black of Night*

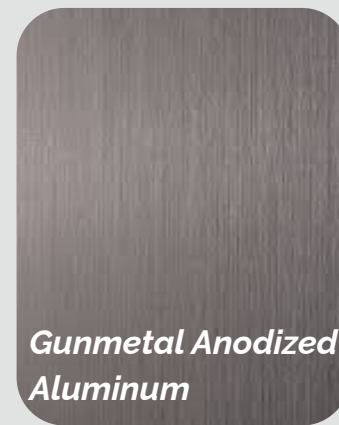
Metal



*Clear Anodized
Aluminum*



*Black Anodized
Aluminum*



*Gunmetal Anodized
Aluminum*

Materials



HPL



Paints



Wood Veneers

**Vexell offers custom finishes to meet your needs.
For any questions on unique materials, color
matching or finishes reach out to our design team.**

Sales@Vexell.com



VESELL FOR HOSPITALITY

Facade Enclosure

Case Study: Vexell x Marriott

Vexell partners closely with architects, designers, and builders to deliver enclosure solutions that meet both functional demands and aesthetic goals. One standout project includes the renovation at the historic Moana Surfrider Marriott in Waikiki, where Vexell supplied 375 custom Facade Enclosures to elevate the space.

Project Overview:

Challenge: During a guest suite renovation, the Marriott needed a solution to conceal outdated PTAC units that clashed with the refreshed interior design.

Project Metrics:

- 388 Guest Suites
- Optimized supply configuration
- Maintenance-friendly operable panels and grilles
- Custom finishes
- Designed for high humidity
- Efficient knock-down construction for shipping.

“My clients in Malibu, CA - LOVE the AC cover you made for the project ! ”

- DS08 Design Studio



VEXELL FOR HOSPITALITY



A modern hotel room with a large bed, armchair, and city view. The room features a large bed with white linens, a grey armchair with a yellow cushion, and a large window with a view of a city skyline. The room is decorated with a large blue headboard, a small table, and a lamp. The text "Customized Solutions Designed and Manufactured" is overlaid on the right side of the image.

Customized Solutions Designed and Manufactured

Vexell can modify any of our solutions or create entirely bespoke pieces tailored to your organizations unique needs.

Collaborate with our design team to create something beautiful.

vexell.com | sales@vexell.com



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