

Versa-A-King Specifications

Wall Panels - Laminated design consisting of solid core with a pre-finished interior and exterior surface.

- Wall panels are to be nominal 3” thick by 48” wide by (insert height). Standard panel height is 8’-0”.
- Core: Expanded polystyrene ASTM E84 Class A fire-resistant, 1 pound PSF density.
- Panel finish: Interior finish (one of six standard colors), exterior finish (one of six standard colors) ½” vinyl-covered drywall with Class A fire rating in accordance with ASTM E84.

Structural Framework - Extruded aluminum alloy 6005T6 with a clear satin anodized finished surface.

- Standard Panel Connecting Post: Consist of a 3-piece “non-progressive” design which serves as the connecting device for holding wall panels together. These posts also serve as a vertical chase to conceal electrical and data service. A full height snap-on cover plate is included to allow for easy access during initial installation and to enable future modification without disassembly of wall system. Standard connecting posts are also load-bearing and can be used to create load-bearing and two-story modular buildings.
- Corner Post: Consist of a 2-piece “non-progressive” design which serves as both a structural member and as the connecting device for wall panels at 90 degree angles.
- Non-progressive design: Standard panel connecting post and corner post enable wall panels to be removed or replaced without disassembly of adjacent wall panels.
- Wall Starts: Consist of a 12 gauge steel U-shaped channel to fit flush against existing structure or where two modular panels meet on a perpendicular line. The U-shaped channel is sized to enable standard panel connectors or corner post to positively connect while enabling panel installation on the adjacent side.
- Ceiling Cap: Extruded aluminum alloy 6005T6 provided in pre-cut, pre-mitered lengths to fit snugly around the top of all perimeter wall sections eliminating on-site fabrication. An integral vertical fascia is included to create a neat, finished appearance.
- Partition Cap: Extruded U-shaped aluminum alloy 6005T6 provided in pre-cut, pre-mitered lengths to fit snugly around the top of all partition wall sections eliminating on-site fabrication.
- Base Plate: Extruded U-shaped aluminum alloy 6005T6 provided in pre-cut, pre-mitered lengths to serve as a leveling surface and guide for installation of wall panels and connecting posts.

Door Assemblies - Full flush doors are shipped pre-hung in frame. Includes lock set shipped separately. Doors include an integral threshold and stationary door sweep.

- HD single swing door is constructed of a heavy-duty structural anodized aluminum alloy framework. Store-front type construction utilizing tubular extruded components, mechanically fastened together to form a rigid frame.

- Extruded aluminum alloy 6005T6 with a clear, satin anodized 204R1 finish with integral stop, threshold and full perimeter rubber bulb gasket.
- Hinges: Fully mortised, plain bearing 4 ½" x 4" butt hinge with a prime coat aluminum finish.
- Locksets: Industrial grade lever.
- Door Sweep: Aluminum extrusion with black vinyl sweep, surface mounted to the bottom of the door leaf.
- Vision Lite: Factory installed 29" wide by 39" high with 3/16" tempered safety glass.

Window Assemblies - Consist of a three-piece system which includes the window frame and wall panel sections to fit above and below to create a full height panel assembly.

- Frame: Fixed type, constructed of extruded aluminum alloy 6005T6 with a clear satin anodized 204R1 finish. Window frames will be preassembled, including specified factory glazing. Frames will positively lock into adjoining connecting posts. Fixed window frames will include removable stops to enable easy replacement of glazing. Header and sill panels will be installed in conjunction with frame to create a complete full-height wall panel.

Roof System

Steel Deck: Corrugated B-deck serves as roof cover and span support for acoustical grid ceiling system & lights. Utilize 22 gauge for clear spans up to 12' wide.

- Acoustical Ceiling Tile System: 2' x 4' / 5/8" non-directional fissured and perforated wet-felted lay-in panels and tile. Flame Spread Classification Class A. (An optional panelized ceiling system is available consists of a laminated panel nominally 3" thick by 46" wide with a 26 gauge embossed steel laminated to both sides of a solid polystyrene core. This system is used when sound dampening or humidity control is needed)

Electrical Components

- Electrical Outlets: Outlets are to be installed inside the chase of the panel connecting post.
- Duplex outlets: 115volt, 3 wire, 20 amp capacity (to be installed 15" above finished floor)
- Lighting Fixtures:
- Light Switch: single or double or 3-way as specified on drawing. To be installed 40 3/4" above the finished floor.
- Load Center: Main lug, single phase, 100 amp capacity, () circuits with 20 amp circuit breakers.

Air Conditioning - Through-wall A.C. or H.V.A.C. unit(s), to be installed in factory framed wall panel cutout as indicated on drawing.

- Air Conditioner (A.C.) - 230 volt, 11,600 BTU

- Combination H.V.A.C. - 115 volt, 6,000 Cool / 4,100 Heat BTU
- Framed Cutout: Provided factory installed frame, constructed of extruded aluminum alloy 6005T6 with a clear satin anodized 204R1 or beige painted finish.
- Load Center: Main lug, single phase, 100 amp capacity, () circuits with 20 amp circuit breakers.