VersaPOD® and V600™ Cabinets

Including both the innovative VeraPOD family of data center solutions and V600 24-inch (600mm) server cabinets, Siemon's comprehensive line of cabinets delivers the design flexibility and options to deploy the physical infrastructure you need — not be limited by what your cabinets can support.

In addition to the space saving, flexible VersaPOD and its Zero-U™ vertical cable management, patching and power distribution accessories, be sure to check out the additional innovations appearing in this section:

- SidePOD™ and Baffle — Unique VersaPOD accessories designed to support thermally efficient airflow for side-venting equipment such as the Cisco Nexus 7018 Series switches
- Vertical Exhaust Ducts (Chimneys) — Compatible with VersaPOD VP2 cabinets, these chimneys bring VersaPOD's thermal capacity to 13kW

Section Contents

SIEMON™

VersaPOD® Features and Benefits

Siemon's VersaPOD enables a completely new and efficient approach to your physical data center infrastructure. By leveraging the vertical space between bayed cabinets and at the end of row for patching, power distribution and cable management, the VersaPOD frees critical horizontal space for active equipment, providing improved air flow while optimizing data center floor space.

The VersaPOD's innovative Zero-U vertical patch panels (VPP's) dramatically simplify even the most dense patching needs while its vertical patching channels (VPC) offer a clean, orderly and easy method of high-density cable routing.

All of the VersaPOD's unique features are integrated into a full-featured modular enclosure that is equally effective as a standalone cabinet or in a multi-unit bayed configuration, offering a simple, scalable expansion path in any data center.

Cable Management — Vertical cable management fingers can be mounted alongside each VPP or VPC to facilitate routing of copper or fiber jumpers between patching fields as well as cabinet to cabinet connections

Vertical Patching — Vertical copper and fiber patch panels provide up to 24U (12U at front and 12U at rear) of Zero-U vertical patching space between every two cabinets. These panels conveniently slide forward providing access to the connections at the rear of the panel

End of Row — End of row vertical panels offer additional cable management channels or up to 8U additional Zero-U mounting space (4U in front and 4U in back at each end)

Integration — In addition to patching, the VersaPOD's Zero-U vertical space can be leveraged with integrated cable management options and dual-hinged door to offer a high capacity and concealable pathway for cable routing and slack management

Dual Hinged Doors — Dual hinged front and quad hinged rear doors open from either the left or right and are easily removed. Rear split doors can be hinged open in either direction providing direct access to vertical spaces. For standalone cabinets or end units, side panels can be removed for full side access

VersaPOD® Cabinets

The core component of the VersaPOD solution, the VersaPOD cabinet is designed to integrate with Siemon's comprehensive assortment of Zero-U vertical and horizontal cable management accessories, Zero-U vertical patch panels and thermal management products, offering multiple top and bottom cable access points and mounting provisions for fans, brushguards and vertical exhaust ducts*.   The VersaPOD cabinet is available in both 40 inch (1000mm) and 48 inch (1200mm) depths and a wide array of door, side panel and lock options.

Vertical exhaust ducts compatible with VP2 only.

VP(X)A-(X)(X)(X)(X)11-45

Dimensions
1 = 1000 x 760mm (39 x 30 in.), 45U Black
2 = 1200 x 760mm (47 x 30 in.), 45U Black

Lock
1 = Keyed Lock
2 = Tumbler Combination Lock

Side Panels
0 = No Side Panels
1 = 1 Side Panel
2 = 2 Side Panels

Front Door
A = Full Vented/Dual Handle
B = Split Vented/Dual Handle
C = Split Solid/Dual Handle

Rear Door
A = Full Vented/Dual Handle
B = Split Vented/Dual Handle
C = Split Solid/Dual Handle
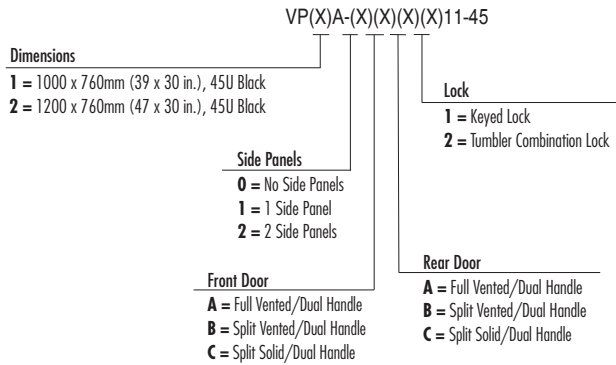
Includes: 4 leveling feet, 50 cage nuts and 4 stabilizing brackets

VersaPOD Cabinet Doors and Panels

Part #	Description
VP-DRA	Full vented door, dual handle with standard keyed lock
VP-DRB	Split vented door, dual handle with standard keyed lock (2 doors required to close front or rear of single cabinet)
VP-DRC	Split solid door, dual handle with standard keyed lock (2 doors required to close front or rear of single cabinet)
VP-S	VP1 Locking Side Panel
VP2-S	VP2 Locking Side Panel (includes 2 split side panels for one cabinet side)

U Sliding Vertical Patch Panels

Part #	Description
VP-VPP-TMRIC	Sliding Vertical Copper/Fiber Combo Patch Panel 96 Ports, support all category 5e and category 6 UTP MAX and Z-MAX, category 6A shielded Z-MAX outlets, TERA® outlets and MAX fiber adaptors. (Not for use w/Z-MAX 6A UTP) 6 fiber RIC adaptor mounting spaces for mounting RIC adapter plates or fiber plug and play modules
VP-VPP-TM	Sliding Vertical Copper Patch Panel 96 Ports, supports all category MAX and Z-MAX outlets, TERA outlets and MAX fiber adaptors (Port spacing compatible with Z-MAX 6A UTP)
VP-VPP-6U	Sliding Vertical Bracket for any Standard 19 in. Patch Panel Mounts up to (6) 1U panels in Zero-U vertical orientation

VP-VPP-TMRIC   VP-VPP-TM   VP-VPP-6U

Note: 2 Vertical Panels can be mounted vertically at the front and/or rear of 2 bayed cabinets

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End-of-Row Vertical Panels

Part #	Description
VP-VWM	Vertical Wire Manager Panel, end of row
VP-VPP-2U	Vertical Bracket for standard 19 in. rack mount products, end of row, mounts up to (2) 1U panels in Zero-U vertical orientation
VP-BLNK-1	Vertical Blanking Panel, end of row

Note: 2 Vertical Panels can be mounted vertically at the front and/or rear on each side of a single cabinet or at each end of multiple bayed cabinets

VP-VWM   VP-VPP-2U   VP-BLNK-1

Vertical Cable Management

Part #	Description
VP-FGR(X)	Vertical Cable Management Fingers, length: 965.2mm (38 in.) (can be mounted alongside each VPP and/or VPC to facilitate routing of copper and fiber jumpers between patching fields as well as cabinet to cabinet connections)
VP-VPC(X)	Vertical Patching Channel, with cable management fingers and cover, 177 x 996mm (7 x 39.25 in.)
VP-TRAY2	Vertical Cable Management Tray (manages/secures cable between cabinets, use 4 trays to isolate airflow between cabinets)
VP-FP	Vertical Filler Panel used to fill additional space between vertical cable management trays on VP2 cabinets
RS-VCM	Box of 10 quarter-turn hook and loop cable managers (can be installed in VP-TRAY2, VP-VPC and VP-VWM)
VP-SPL	Quarter-Turn Fiber Management Spool, bag of five (can be installed in VP-VPC and VP-VWM panels)

VP-FGR   VP-VPC

RS-VCM

Use (X) to specify finger length:
Blank = 101mm (4 in.) fingers, for use with VP1 or VP2 cabinets
6 = 152mm (6 in.) fingers, for use with VP2 cabinets only

VP-TRAY2   VP-SPL

Horizontal Cable Management

Part #   **Description**

RS3-RWM-1 . . . . .Single Sided 19 in. cable manager, 1U,
                         dual hinged/removable cover, 101mm (4 in.) fingers

RS3-RWM(X)-2 . . . . .Single Sided 19 in. cable manager, 2U,
                         dual hinged/removable cover

RS3-RWM(X)-4 . . . . .Single Sided 19 in. cable manager, 4U,
                         dual hinged/removable cover

Use (X) to specify finger length: Blank = 101mm (4 in.) fingers, for use with VP1 or VP2 cabinets
6 = 152mm (6 in.) fingers, for use with VP2 cabinets only

RS3-RWM-2

Vertical Exhaust Duct (Chimney)

Part #   **Description**

VP-DUCT1 . . . . . .VersaPOD Vertical Exhaust Duct,
                  523 x 653 x 516-923mm
                  (20.6 x 25.7 x 20-36 in.), Black
VP-DUCT2 . . . . . .VersaPOD Vertical Exhaust Duct,
                  523 x 653 x 912-1320mm
                  (20.6 x 25.7 x 36-52 in.), Black

Note: Chimney compatible with 1200mm (48 in.) VersaPOD (VP2) and V600 (V2) cabinets only. Solid doors rec-
ommended for use with chimneys.

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# Blanking Panels

Part #	Description
VP-BLNK	Vertical Blanking Panel, (fits in standard VPP opening between 2 bayed cabinets)
PNL-BLNK-(X)	Horizontal Blank Filler Panel, 19 in.

Use (X) to specify panel size: 1 = 1U, 2 = 2U, 3 = 3U, 4 = 4U
Note: 1U = 44.5mm (1.75 in.)

VP-BLNK

PNL-BLNK-1

Accessories

Part #	Description
VP-PDU-001	VersaPOD Rear Facing PDU Mounting Brackets for one PDU, Black, Set of 2 (includes mounting hardware)
VP-PDU-002	VersaPOD Side Facing PDU Mounting Brackets for two PDU's, Black, Set of 2 (includes mounting hardware)
VP-FAN-EU1	Accessory, Cabinet Cooling Fan, 230-240V, BS1363 plug 127 x 444mm (5 x 17.5 in.) (for main top panel cable opening)
VP-FAN-EU2	Accessory, Cabinet Cooling Fan, 250V, CEE 7/7 plug 127 x 444mm (5 x 17.5 in.) (for main top panel cable opening)
VP-T3	Brush Guard 127 x 444mm (5 x 17.5 in.) (for main top panel cable opening)
VP-BRUSH	Brush Guard 413 x 279mm (1.625 x 11 in.) (for perimeter top panel cable openings)
VP-W	Castors, set of four
VP-FT	Leveling Feet, set of four
VP-BAY	VP1 Baying Kit, bracket and hardware (secures 2 VP1 cabinets together)
VP-BAY2	VP2 Baying Kit, bracket and hardware (secures 2 VP2 cabinets together)
VP-GRD	Grounding Kit - ground bar, ground wire, mounting hardware and accessories (capacity to support all required grounding connections for a single cabinet)
VP-SB	Stabilizing Brackets, set of four (secures cabinet to floor)

VP-PDU-001

VP-FAN-EU1

VP-T3

VP-W   VP-FT

VP-BAY

VP-GRD   VP-SB
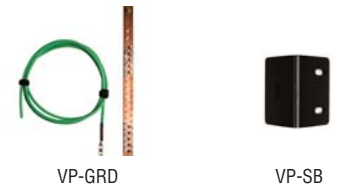
Visit www.siemon.com/versapod for a chart detailing the cable capacity of
VersaPOD's various cable entry points and cable management zones.

VersaPOD® (VP2) SidePOD™ and Baffle

Siemon's SidePOD and Baffle solution is designed to support side-to-side ventilated active equipment such as the Cisco Nexus® 7018 Series Switches. The SidePOD is an optional add on to Siemon's 1200mm (48 in.) deep VersaPOD (VP2) cabinets and creates the necessary clearance for proper airflow to the switch. Optional baffles may be mounted within the SidePOD to properly route cold air from the front of the cabinet to the input side of the switch as well as route exhaust from the output side of the switch to be vented into the hot aisle. The baffles can also be mounted in the Zero-U space between adjacent, bayed VP2 cabinets.

In addition to providing a cooling platform, the SidePOD allows full size Zero-U panels to be used in End of Row applications. This includes up to 12U of vertical patching and high capacity vertical cable management with hinged covers.

Shared Use of VP2 Side Panels — The SidePOD is compatible with VP2 side panels allowing VersaPOD panels to be transitioned to the SidePOD when added to end of row installations

Cable Access Openings — Multiple openings in the lid accept optional brush guards to provide cable access to the Zero-U space from overhead distribution systems

Single Finger Door Operation — The SidePOD door features a single, lockable slam latch that allows the door to be opened or closed with a single finger

End of Row Capacity Increase — Cable management and patching options are increased by using full size Zero-U managers with SidePOD

Reversible Baffle Design — Baffles can be installed in either orientaion to properly route either cold air input or hot air exhaust

Split Baffle Design — Allows the baffles to be nested in the Zero-U space enabling placement of side venting equipment in adjacent cabinets

Zero-U Modularity — Even with a baffle installed, the balance of Zero-U space can be fully utilized for patching or cable management

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Ordering Information:

Part #	Description
VP2-SPAA1	.SidePOD with 2 Vented Doors, 45U, Black
	Includes 2 leveling feet, 2 sets of baying brackets, ground conductor and assembly hardware (ships unassembled)
VP2-BFL-S	.Zero-U Baffle, Black
	Includes mounting hardware

VP2-SPAA1   VP2-BFL-S

SidePOD™ Product Specifications

Height (Nomimal height with adjustable feet or castors)	2133 mm (84 in.)
Width	140 mm (5.5 in.)
Depth	1200 mm (48. in.)
Weight	26.2 kg (57.8 lbs)
Base Type	Open
Color	Black (RAL 9005)
Front Doors	Perforated, keyed lock
Rear Doors	Perforated, keyed lock
% Door Perforation	71%
Material	CRS of varying thickness
Finish	Textured powder coat
Standard Compliance	UL 60950-1 Ed2.0, CSA C22.2 NO. 60950-1-07
Top Cable Access Openings	3 openings, 280 x 45mm (11 x 1.77 in.)

V600 Cabinet

The V600 cabinet provides a robust, cost-effective enclosure solution that is ideal for use in conjunction with VersaPOD data center cabinets. While not compatible with VersaPOD's Zero-U vertical patching and cable management accessories, it shares a common appearance for standard cabinet applications. Ideal for use as a server cabinet.
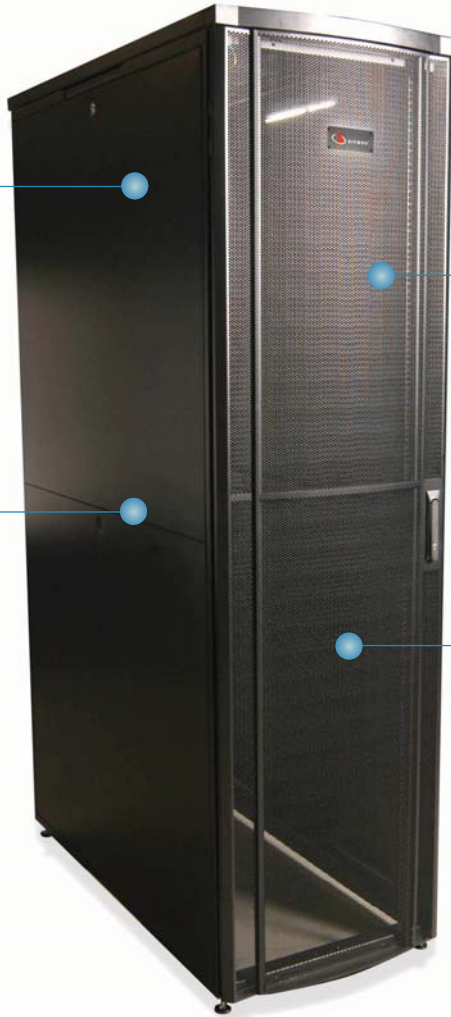
Lightweight Stability — Design provides an extremely stable, high-capacity cabinet without excessive weight

Enhanced Side Access — Split level side panels provide convenient access to installed equipment

High-Flow Doors — Contoured high density perforated door provides 71% perforation exceeding major IT equipment air flow requirements

Full Accessibility Doors — Quick release, field reversible single piece front and split rear doors

Flexible Mounting Options — Depth adjustable 19 in vertical mounting rails in 5mm (0.2 in) increments

Consistent Aesthetics — Shares common appearance with VersaPOD for improved aesthetics in data centers when using both V600 and VersaPOD cabinets.
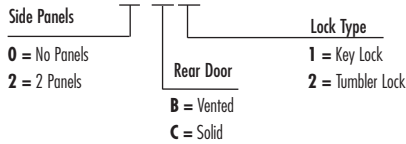
Thermally Efficient — Compatible with VersaPOD thermal management options including exhaust fans and brush guards.1200mm version compatible with VersaPOD Vertical Exhaust Ducts (chimneys)

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V600mm Cabinet

Ordering Information:

V1-(X)A(X)(X)11. . . 1000 x 600mm (40 x 24 in.) V600 Cabinet, 45U, Black

V2-(X)A(X)(X)11. . . 1200 x 600mm (48 x 24 in.) V600 Cabinet, 45U, Black

Side Panels
0 = No Panels
2 = 2 Panels

Rear Door
B = Vented
C = Solid

Lock Type
1 = Key Lock
2 = Tumbler Lock

Includes 4 leveling
feet, 50 cage nuts and
2 stabilizing brackets

V600 Cabinet Specifications

U Space	45
Packaging	Ships assembled on a pallet
Standard Compliance	CEA-310-E, UL 60950, IEC-60297-2, RoHS
Load Rating	907 kgs (2000 lbs) Static load, evenly distributed
Material	Premium grade hot and cold rolled steel
Base Type	Open
Color	Black
Standard Front Doors	Full, hinged, perforated, keyed lock
Standard Rear Doors	Full, hinged, perforated, keyed lock
% Door Perforation	71%
Removable Doors	Yes
Lockable/ Removable Side Panels/ Horizontal Split	Yes
Adjustable Mounting Rails	Yes
U Space Identification on Rails	Yes
Adjustable Leveling Feet	Yes, included with cabinet
Stabilizing Brackets	Yes, included with cabinet, used to secure cabinet to shipping pallet
Top Cable Access Openings (V1)	4 small, 280 x 45mm (11 x 1.77 in.) - 1 large, 448.5 x 130mm (17.66 x 5.12 in.)
Top Cable Access Openings (V2)	3 small, 280 x 45mm (11 x 1.77 in.) - 3 large, 448.5 x 130mm (17.66 x 5.12 in.)

Dimensions	**inches**	**mm**	
Height	84	2133	Nominal Height with adjustable leveling feet or castors
Width	24	600	
Depth (V1)	40	1000	
Depth (V2)	48	1200	
Height on Pallet	89	2261	As delivered on wooden pallet
Product Weight	**lbs**	**kgs**	
Cabinet Weight (V1)	275	125	
Cabinet Weight (V2)	305	138	
Cabinet Weight w/packing (V1)	300	136	Includes wooden pallet and packaging
Cabinet Weight w/packing (V2)	330	150	Includes wooden pallet and packaging

V600 Cabinet Accessories

Part #   **Description**

V1-VP1-BAY........................V1 to VP1 Baying Kit

V2-VP2-BAY........................V2 to VP2 Baying Kit

VP-FAN ....Top-Mount Cooling Fan Panel*, 3 fans, 15A/125V, NEMA 5-15 Plug 127 x 444mm (5 x 17.5 in.) (for main top panel opening)

VP-FAN-EU1 ....Top-Mount Cooling Fan Panel*, 3 fans, 13A/230-240V, B51363 Plug 127 x 444mm (5 x 17.5 in.) (for main top panel opening)

VP-FAN-EU2 ....Top-Mount Cooling Fan Panel*, 3 fans, 16A/250, CEE 7/7 Plug 127 x 444mm (5 x 17.5 in.) (for main top panel opening)

VP-T3.................................Brush Guard 127 x 444mm (5 x 17.5 in.) (for main top panel opening)

VP-BRUSH..........................Brush Guard 413 x 279mm (1.625 x 11 in.) (for perimeter top panel openings)

V-W ....V600 Castor Wheels, set of 4

*Note: Fans can be removed in large top panel openings.