

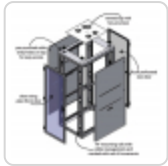


*Quality Products. Service Excellence.*

## Modular Server Rack Cabinet C4 Series

UL2416 rated for 3,000 lbs (1,360 kg). Static Load tested to 12,000 lbs (5,443 kg).

UPDATED



When you prefer complete flexibility, our modular C4 series allows you to select every feature. We can ship the components to you for assembly\*, we can assemble the cabinet for you, or you can choose from some of our popular **pre-assembled cabinets here**.

### Available Options Include:

- 24U, 42U and 44U mounting heights.
- 24" and 30" overall frame widths.
  - 24" wide frame includes generous cabling space and four (4) 3.5" wide cable entry holes on the top.
  - 30" wide frame includes extra generous cabling space and support for up to four optional vertical cable managers
- 31.5", 36", and 42" overall frame depths.
- All frames include four (4) leveling feet and support optional casters.
- 19" and 23" mounting rails are available in square-hole punched, drilled, and tapped 10-32.
- Flush-mounted doors with quarter-turn lock available in solid, **acrylic window**, vented full or split/barn.
- Side panels are available in both solid and vented for thermal induction.
- One (1) interchangeable top panel opening; is available in solid, vented fan tops with or without fans installed.
- One (1) interchangeable bottom panel opening, available in solid.
- Vertical cable managers are available in tray, enclosed metal, or finger versions.

### Specifications

- The Cabinet frame is 14-gauge steel with 12-gauge steel reinforced corner brackets.
- Cabinet doors and side panels are constructed in 16-gauge steel.
- 19" mounting rails are constructed in 12-gauge steel (square hole punched) or 10-gauge steel (drilled and tapped 10-32).
  - Rails include rack unit indicators and are Zinc-plated to provide superior surface areas for equipment grounding.
  - C-channel struts provide cabinet strength, ease, and flexibility to adjust mounting rails.
- **\*When assembled by Hammond**, the cabinet is **UL Listed 2416 load rated** for up to 3,000 lbs (1,360 kg). Static Load tested to 12,000 lbs (5,443 kg).
- Seismic rated up to 1,200 lbs (544 kg) of dynamic load with an Ip factor of 1.5 in accordance with the IBC 2018, CBC 2019, NBC 2018, ASCE 7-16, and ASCE 7-10. Requires a seismic bolt-down kit such as the **C4K-Z4** (sold separately).
- Optional eye-bolts provide a lifting capacity of 1,500 lbs (680.39 kg).
- 1/2-20 Bonding collar studs are provided in frame (4x inner top and 2x bottom side of frame). Additional 10-32 studs are included on compatible side panels and doors.
- Finished in textured RAL9005 black powder paint. Complies with the Greenguard guidelines for indoor air quality.
- Meets PCI DSS (Payment Card Industry Data Security Standard) compliance requirements.
- TAA-compliant for GSA Schedule purchases.

- RoHS Compliant.
- Manufactured in North America within an ISO 9001:2015 certified facility.



**As of October 17, 2023, you will be able to add HD MELB lifting eye-bolts to this cabinet.** This is a rolling change and older stock will not include this new feature enhancement. To ensure you receive a cabinet with this new feature, **contact your local representative.**



**The doors hinge from right-to-left.**  
To hinge from left-to-right, order the **C4RHINGE** kit.

## Accessories

- Cabinet Top Panels
- Open Frame Rack and Rack Cabinet Joining Kit
- Universal Rack Shelf
- Adjustable Depth Shelf
- Sliding Keyboard Shelf
- Adjustable Depth Front-To-Rear Cable Manager
- Horizontal Ring Cable Manager
- Cable Management Arm
- Vertical Cable Tray
- Vertical Cable Manager with Door
- Rack Panels
- Mounting Hardware
- Bolt Down Kit
- Side Panel Locking Kit
- Cabinet Door Replacement Lock
- Rack Mount Locking Storage Drawer
- Four Post Mounting Sliding Shelf
- Rack Unit Label
- Horizontal Lacing Strip
- Horizontal Steel Finger Cable Manager
- Horizontal Hinged Cable Manager
- Vertical Finger Cable Manager with Door
- PDUs and Outlet Strips
- Grounding & Bonding
- Rack and Cabinet Caster Set

## C4 Open Frames and Rail Options

| Part No.     | Overall Dimensions |       |       | Rack Units | Usable Mounting Dimensions |       | 19" Rack Rails (Pairs) |              | 23" Rack Rails (Pairs) |              |
|--------------|--------------------|-------|-------|------------|----------------------------|-------|------------------------|--------------|------------------------|--------------|
|              | Height             | Width | Depth |            | Height                     | Depth | Tapped 10-32           | Square Hole  | Tapped 10-32           | Square Hole  |
| C4F244231BK1 | 48.58              | 24.00 | 31.50 | 24U        | 42.00                      | 29.50 | -                      | C4PR2442SZPL | -                      | -            |
| C4F244236BK1 | 48.58              | 24.00 | 36.00 | 24U        | 42.00                      | 34.00 | -                      | C4PR2442SZPL | -                      | -            |
| C4F244242BK1 | 48.58              | 24.00 | 42.00 | 24U        | 42.00                      | 40.00 | -                      | C4PR2442SZPL | -                      | -            |
| C4F247331BK1 | 80.08              | 24.00 | 31.50 | 42U        | 73.00                      | 29.50 | C4PR2473TZPL           | C4PR2473SZPL | -                      | -            |
| C4F247336BK1 | 80.08              | 24.00 | 36.00 | 42U        | 73.00                      | 34.00 | C4PR2473TZPL           | C4PR2473SZPL | -                      | -            |
| C4F247342BK1 | 80.08              | 24.00 | 42.00 | 42U        | 73.00                      | 40.00 | C4PR2473TZPL           | C4PR2473SZPL | -                      | -            |
| C4F247731BK1 | 83.58              | 24.00 | 31.50 | 44U        | 77.00                      | 29.50 | C4PR2477TZPL           | C4PR2477SZPL | -                      | -            |
| C4F247736BK1 | 83.58              | 24.00 | 36.00 | 44U        | 77.00                      | 34.00 | C4PR2477TZPL           | C4PR2477SZPL | -                      | -            |
| C4F247742BK1 | 83.58              | 24.00 | 42.00 | 44U        | 77.00                      | 40.00 | C4PR2477TZPL           | C4PR2477SZPL | -                      | -            |
| C4F307731BK1 | 83.58              | 30.00 | 31.50 | 44U        | 77.00                      | 29.50 | C4PR77TZPL             | C4PR77SZPL   | C4PR7723TZPL           | C4PR7723SZPL |
| C4F307736BK1 | 83.58              | 30.00 | 36.00 | 44U        | 77.00                      | 34.00 | C4PR77TZPL             | C4PR77SZPL   | C4PR7723TZPL           | C4PR7723SZPL |
| C4F307742BK1 | 83.58              | 30.00 | 42.00 | 44U        | 77.00                      | 40.00 | C4PR77TZPL             | C4PR77SZPL   | C4PR7723TZPL           | C4PR7723SZPL |

Overall height includes leveling feet. Note that mounting rails are not included with the frame.

## C4 Doors (Hinged on Left)

| Part No.     | Part No.     | Part No.     | Part No.               | Use with Cabinet |       |
|--------------|--------------|--------------|------------------------|------------------|-------|
| Solid Door   | Acrylic Door | Perforated   | Perforated Split Doors | Rack Units       | Width |
| C4DF2442SBK1 | C4DF2442PBK1 | C4DF2442VBK1 | C4BD2442VBK1           | 24U              | 24.00 |
| C4DF2473SBK1 | C4DF2473PBK1 | C4DF2473VBK1 | C4BD2473VBK1           | 42U              | 24.00 |

| Part No.<br>Solid Door | Part No.<br>Acrylic Door | Part No.<br>Perforated | Part No.<br>Perforated Split Doors | Use with Cabinet |       |
|------------------------|--------------------------|------------------------|------------------------------------|------------------|-------|
|                        |                          |                        |                                    | Rack Units       | Width |
| C4DF2477SBK1           | C4DF2477PBK1             | C4DF2477VBK1           | C4BD2477VBK1                       | 44U              | 24.00 |
| C4DF3077SBK1           | C4DF3077PBK1             | C4DF3077VBK1           | C4BD3077VBK1                       | 44U              | 30.00 |

\*Perforated doors for both front and back of the cabinet are suggested for most server applications.

### C4 Side Panels (Sold in Pairs)

| Part No.<br>Solid | Part No.<br>Vented | Use with Cabinet |       |
|-------------------|--------------------|------------------|-------|
|                   |                    | Rack Units       | Depth |
| C4SP4231SBK1      | C4SP4231VBK1       | 24U              | 31.50 |
| C4SP4236SBK1      | C4SP4236VBK1       | 24U              | 36.00 |
| C4SP4242SBK1      | C4SP4242VBK1       | 24U              | 42.00 |
| C4SP7331SBK1      | C4SP7331VBK1       | 42U              | 31.50 |
| C4SP7336SBK1      | C4SP7336VBK1       | 42U              | 36.00 |
| C4SP7342SBK1      | C4SP7342VBK1       | 42U              | 42.00 |
| C4SP7731SBK1      | C4SP7731VBK1       | 44U              | 31.50 |
| C4SP7736SBK1      | C4SP7736VBK1       | 44U              | 36.00 |
| C4SP7742SBK1      | C4SP7742VBK1       | 44U              | 42.00 |

### C4 Top Panels

| Part No.<br>Solid<br>Top Panel | Part No.<br>Vented<br>Top Panel | Part No.<br>Fan Cutout/<br>Cable Entry<br>Top Panel | Part No.<br>Fan Vents<br>Top Panel | Part No.<br>Four (4) 4.7"<br>100CFM Fans<br>With Thermostat<br>Top Panel | Part No.<br>One (1) 10"<br>550 CFM Fan<br>Without Thermostat<br>Top Panel | Use with Cabinet |       |
|--------------------------------|---------------------------------|-----------------------------------------------------|------------------------------------|--------------------------------------------------------------------------|---------------------------------------------------------------------------|------------------|-------|
|                                |                                 |                                                     |                                    |                                                                          |                                                                           | Width            | Depth |
| C2T1923SBK1                    | C2T1923VBK1                     | C2T1923FBK1                                         | C2T1923VFBK1                       | C2T1923F4TBK1                                                            | C2T1923F10BK1                                                             | 24.00            | 31.50 |
| C2T1931SBK1                    | C2T1931VBK1                     | C2T1931FBK1                                         | C2T1931VFBK1                       | C2T1931F4TBK1                                                            | C2T1931F10BK1                                                             | 24.00            | 36.00 |
| C2T1936SBK1                    | C2T1936VBK1                     | C2T1936FBK1                                         | C2T1936VFBK1                       | C2T1936F4TBK1                                                            | C2T1936F10BK1                                                             | 24.00            | 42.00 |
| C2T2423SBK1                    | C2T2423VBK1                     | -                                                   | C2T2423VFBK1                       | C2T2423F4TBK1                                                            | C2T2423F10BK1                                                             | 30.00            | 31.50 |
| C2T2431SBK1                    | C2T2431VBK1                     | -                                                   | C2T2431VFBK1                       | C2T2431F4TBK1                                                            | C2T2431F10BK1                                                             | 30.00            | 36.00 |
| C2T2436SBK1                    | C2T2436VBK1                     | -                                                   | C2T2436VFBK1                       | C2T2436F4TBK1                                                            | C2T2436F10BK1                                                             | 30.00            | 42.00 |

### C4 Bottom Panel

| Solid<br>Part No. | Brushed<br>Part No. | Use with Cabinet |       |
|-------------------|---------------------|------------------|-------|
|                   |                     | Width            | Depth |
| C4B2431SBK1       | C4BBCE2431BK1       | 24.00            | 31.50 |
| C4B2436SBK1       | C4BBCE2436BK1       | 24.00            | 36.00 |
| C4B2442SBK1       | C4BBCE2442BK1       | 24.00            | 42.00 |
| C4B3031SBK1       | C4BBCE3031BK1       | 30.00            | 31.50 |
| C4B3036SBK1       | C4BBCE3036BK1       | 30.00            | 36.00 |
| C4B3042SBK1       | C4BBCE3042BK1       | 30.00            | 42.00 |

### C4 Vertical Cable Manager

| Cable Tray | Cable Tray with Toolless PDU Bracket | Metal Manager with Hinged Door | Finger Manager<br>(30" wide version comes with door) | Use with Cabinet |       |
|------------|--------------------------------------|--------------------------------|------------------------------------------------------|------------------|-------|
|            |                                      |                                |                                                      | Rack Units       | Width |
| VCT42      | -                                    | -                              | -                                                    | 24U              | 24.00 |
| VCT73      | VCTPDU73                             | -                              | C4VFM42UBK                                           | 42U              | 24.00 |
| VCT77      | VCTPDU77                             | -                              | C4VFM44UBK                                           | 44U              | 24.00 |
| VCT42      | -                                    | -                              | -                                                    | 24U              | 30.00 |
| VCT73      | VCTPDU73                             | -                              | C4VFC3042UBK                                         | 42U              | 30.00 |
| VCT77      | VCTPDU77                             | C4VCM77BK1                     | C4VFC3044UBK                                         | 44U              | 30.00 |

### C4 Right-Hand Hinge

### Split Door Retrofit Kit

|          |          |
|----------|----------|
| Part No. | C4RHINGE |
|----------|----------|

|          |      |
|----------|------|
| Part No. | SDRK |
|----------|------|

*Data subject to change without notice*

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