Data Communication Infrastructure

Technical references and CAD downloads available at www.hammondmfg.com   All dimensions in inches unless specified otherwise

403

Quality Products. Service Excellence.

© Hammond Manufacturing   Canada: 519.822.2960 or 905.456.3770   USA: 716.630.7030   Data Subject to change without notice

Data Communication Infrastructure

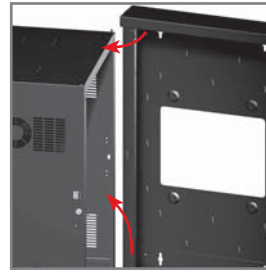Technical references and CAD downloads available at www.hammondmfg.com   All dimensions in inches unless specified otherwise

Three-Piece Swing-Out Rack Cabinet
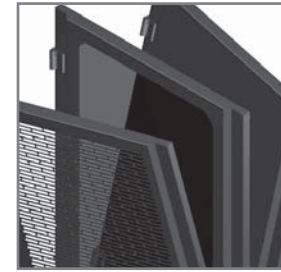## HWM Series

Vented front door included

Center section easily removes for installation.

Tinted acrylic and solid doors also available.

Emboss for vertical/horizontal outlet strip mounting

Mounting points for easy mounting of outlet strip.

Top Fan Laser Knockouts

Side Fan Grill Cutouts
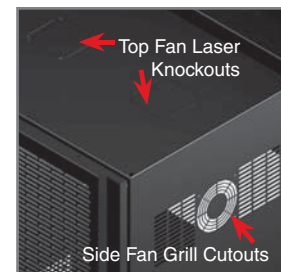
Generous fan knockouts/cutouts for cooling.

Application
- The Hammond Wall Mount (HWM) cabinet was designed with the technical professional in mind. Easy to install design. The vented front door and side panels were specifically designed for high capacity servers, switches and power management devices.

Features
- Available in three (3) depths and four (4) heights.
- Includes vented 65% perforated front door (optional door types available).
- Front door and center section keyed the same.
- EIA compliant adjustable depth mounting rails.
- Includes one (1) pair of tapped (10-32) mounting rails.
- Recommended weight load tested for 275 lbs.
- Center section features:
- Heavy duty spring-hinge pin for easy installation and removal.
- Side panel that includes two (2) vents and fan grill.

- Rear section features:
  - Top and side conduit knock-outs for cable entry.
  - Generous cable management lances located on the rear section as well as on mounting rails.
  - Mounting points for Outlet Strip (uses HWMPCLIP).
  - Heavy duty keyhole for wall mounting.
  - Large opening in rear for cable access.

Construction
- 14-gauge welded rear section; 16-gauge center section and doors.
- Grounding lugs located on top and bottom of the door, center and rear sections.
- Rugged sand-textured black powder paint (reduced fingerprints and marks).

Accessories
- Additional pair of rails with either 10-32 taps or square holes.
- Tinted acrylic and solid doors.
- Clip for mounting outlet strip (Use with 1585 Series of power strips).
- Lock (front door only) keyed differently for increased security.
- Power Bars...*see page* **444**
- Hardware...*see page* **432**
- Shelves...*see page* **425**
- Panels...*see page* **426**
- Cable Managers...*see page* **426**

Technical references and CAD downloads available at www.hammondmfg.com   All dimensions in inches unless specified otherwise

Three-Piece Swing-Out Rack Cabinet
HWM Series

24.68 in (627 mm)

OVERALL HEIGHT

FRONT VIEW

21.00 in (533 mm)

18.31 in (465 mm)
19" Mounting

PANEL HEIGHT

FRONT VIEW (DOOR REMOVED)

OVERALL DEPTH

CENTER DEPTH

SIDE VIEW

REAR VIEW

TOP/BOTTOM VIEW

Data Communication Infrastructure

32U (62.75")

24U (48.75")

Mounting Rack Units (Overall Height)

20U (41.75")

12U (27.75")

11" (16.7")

20" (25.7")

26" (31.7")

Center Section Depth (Overall Depth)
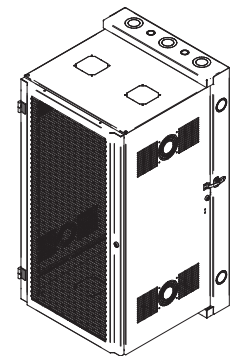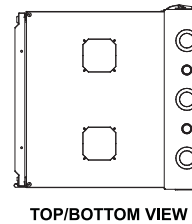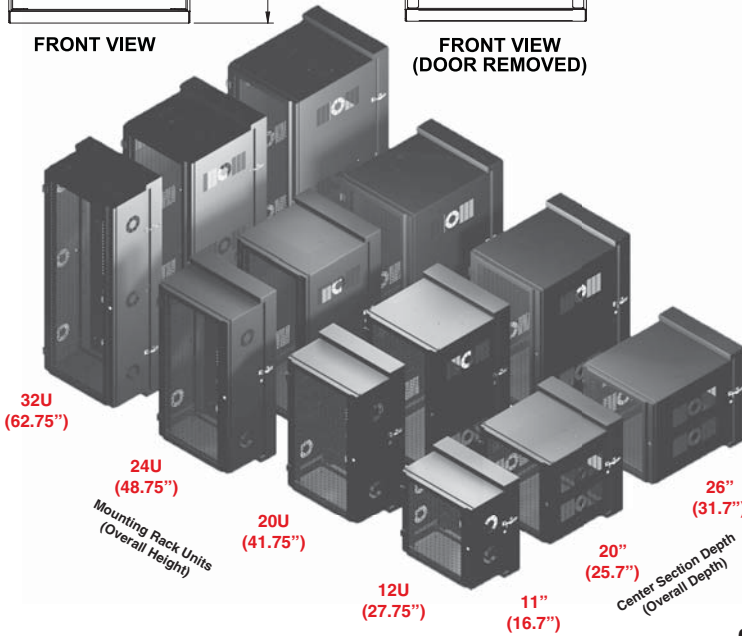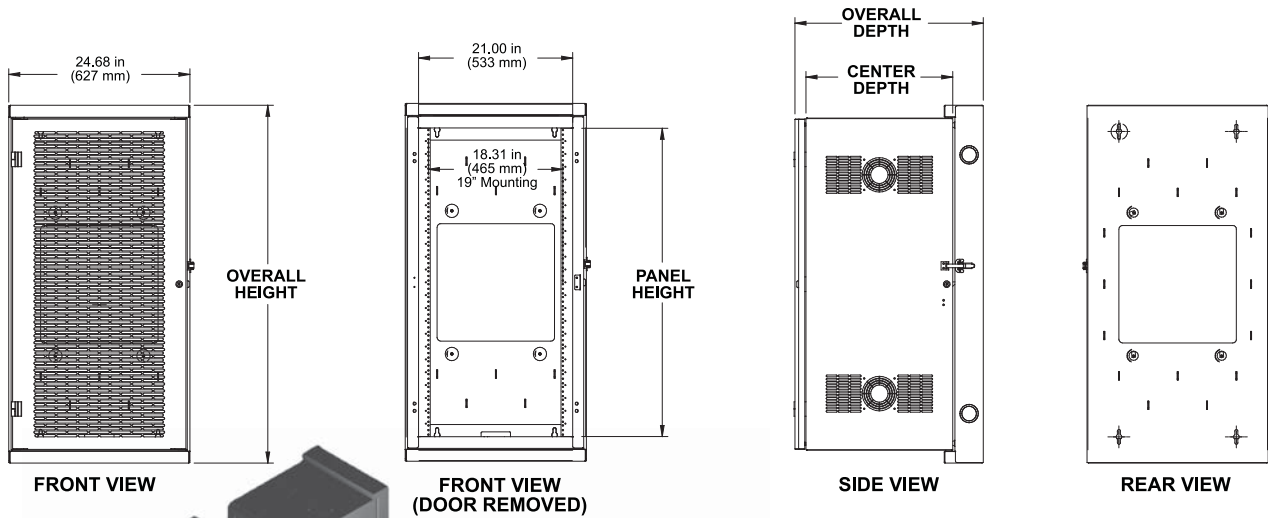
Part #	Center Depth (Inches)	Panel Height Inches	Units	Overall Dim. (Inches) Height	Depth
HWM2412U11BK	11	21	12	27.75	16.7
HWM2420U11BK	11	35	20	41.75	16.7
HWM2424U11BK	11	42	24	48.75	16.7
HWM2432U11BK	11	56	32	62.75	16.7
HWM2412U20BK	20	21	12	27.75	25.7
HWM2420U20BK	20	35	20	41.75	25.7
HWM2424U20BK	20	42	24	48.75	25.7
HWM2432U20BK	20	56	32	62.75	25.7
HWM2412U26BK	26	21	12	27.75	31.7
HWM2420U26BK	26	35	20	41.75	31.7
HWM2424U26BK	26	42	24	48.75	31.7
HWM2432U26BK	26	56	32	62.75	31.7

Optional Accessories:

Part #	Description
HWMSD2412UBK	12U Solid Door
HWMSD2420UBK	20U Solid Door
HWMSD2424UBK	24U Solid Door
HWMSD2432UBK	32U Solid Door
HWMPD2412UBK	12U Tinted Acrylic Door
HWMPD2420UBK	20U Tinted Acrylic Door
HWMPD2424UBK	24U Tinted Acrylic Door
HWMPD2432UBK	32U Tinted Acrylic Door
HWMTR12U	12U Tapped 10-32 Rail (Pair)
HWMTR20U	20U Tapped 10-32 Rail (Pair)
HWMTR24U	24U Tapped 10-32 Rail (Pair)
HWMTR32U	32U Tapped 10-32 Rail (Pair)
HWMSR12U	12U Square Hole Rail (Pair)
HWMSR20U	20U Square Hole Rail (Pair)
HWMSR24U	24U Square Hole Rail (Pair)
HWMSR32U	32U Square Hole Rail (Pair)
HWMPCLIP	Power Bar Clip
HWMSLOCK	Front door lock (Keyed differently)
GRDKIT02	Ground Kit
DNFK1AC120	Single (1) Fan kit with grills & cord
DNFK2AC120	Dual (2) Fan kit with grills & cord

Technical references and CAD downloads available at www.hammondmfg.com   All dimensions in inches unless specified otherwise

Eclipse Dual Access Series - NEMA 4, 12

Data Communication Infrastructure

Solid Door

Window Door

Panel Sold Separately

Application
• Designed for network access equipment using 19" mounting rails.
• Dual access both front and rear of the equipment allows easy install and connection between equipment and to main cable route.
• Provides outstanding protection against dust, oil and water with solid and plexi door version in NEMA type 4.

Standards
• **Solid Door**
  • UL 508 Type 1, 3, 3R, 4, 12
  • CSA Type 1, 3, 3R, 4, 12
• **Plexi Viewing**
  • UL 508 1, 3, 3R, 4, 12
  • CSA Type 1, 3, 3R, 4, 12
• **Complies with**
  • NEMA type 3R,4 and 12
  • IEC 60529 , IP54, IP66

Features
• Dual access via double hinge design opens 120 degrees for access to front and rear of equipment
• Heavy wall mounting base for cable entry with collar stud provision for optional inner panel.
• Wall base can be mounted with optional external mounting feet
• Interior latch releases center section for added security, no tools required
• Solid and Window door are provided with 2 or 4 point combination key & padlock handle
• Large window door view area
• 1 Pair of adjustable drilled and tapped L rails with cable pass through included,
• Bonding studs provided on door, body and wall base

Construction
• Wall base, body and doors made form 14 guage steel
• Smooth continuous welded seams without knockouts, cutouts or holes
• Seamless poured-in place gasket for added protection in both indoor and outdoor locations
• Window door constructed with UV resistant polycarbonate material
• Plated L rails drilled and tapped 10/32 to EIA 19" standards
• Mounting hardware pack 25 for 19" rails

Finish
• RAL7035 light Gray

Accessories
• Eclipse mounting foot kit ...see page **31**
• Literature pocket...see page **456**
• Breather kits...see page **400-401**
• Filter fans...see page **371-384**
• Thermostats...see page **397**
• Rainhoods...see page **386**
• Touch up paint...see page **455**

Technical references and CAD downloads available at www.hammondmfg.com   All dimensions in inches unless specified otherwise

407

Quality Products. Service Excellence.

© Hammond Manufacturing   Canada: 519.822.2960 or 905.456.3770   USA: 716.630.7030   Data Subject to change without notice

FRONT VIEW

SIDE VIEW

SECTION A-A
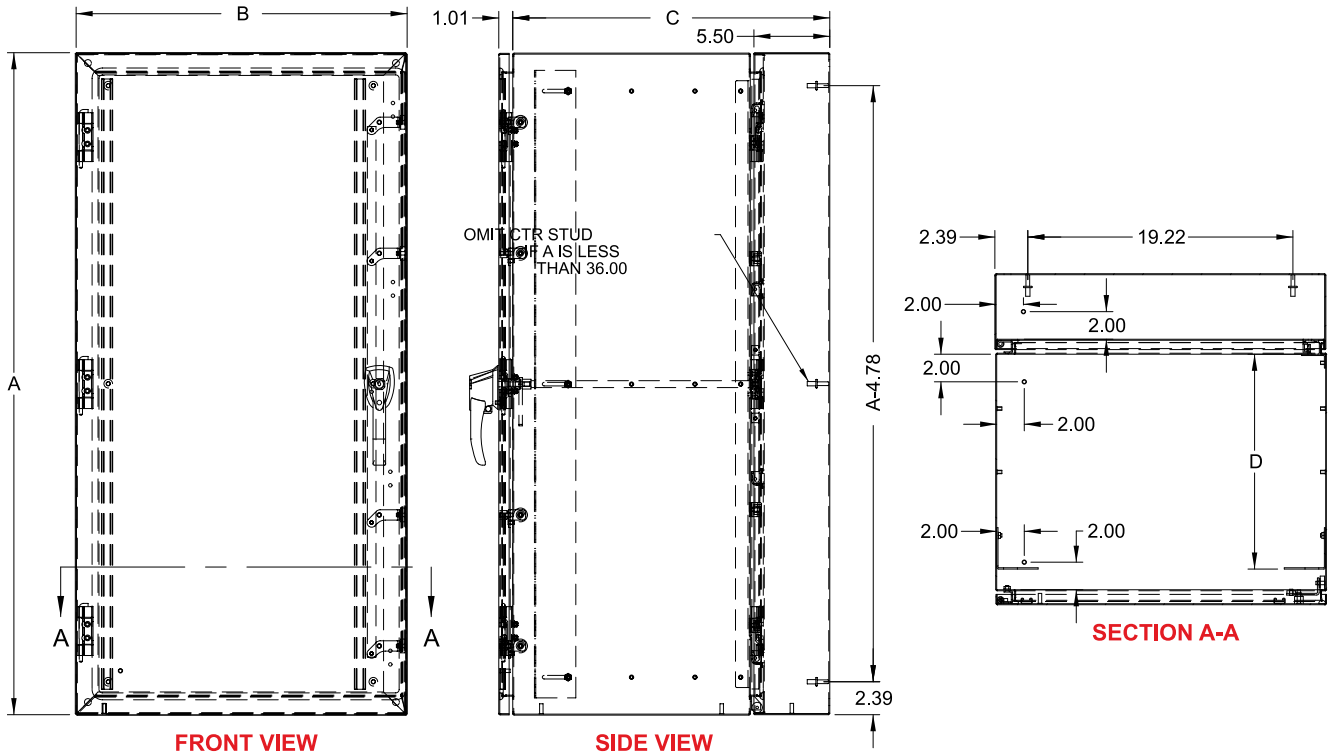
Data Communication Infrastructure

Solid Door Part No.	Window Door Part No.	Overall Dimensions				
		A	B	C	D	Rack Units
EN4DH162415LG	EN4DH162415WLG	16	24	15	7.6	7
EN4DH202415LG	EN4DH202415WLG	20	24	15	7.6	10
EN4DH242415LG	EN4DH242415WLG	24	24	15	7.6	12
EN4DH362415LG	EN4DH362415WLG	36	24	15	7.6	19
EN4DH482415LG	EN4DH482415WLG	48	24	15	7.6	26
EN4DH162424LG	EN4DH162424WLG	16	24	24	16.6	7
EN4DH202424LG	EN4DH202424WLG	20	24	24	16.6	10
EN4DH242424LG	EN4DH242424WLG	24	24	24	16.6	12
EN4DH362424LG	EN4DH362424WLG	36	24	24	16.6	19
EN4DH482424LG	EN4DH482424WLG	48	24	24	16.6	26

Optional Rear Inner Panel

Part No.	Overall Dimensions	
	H	W
EPGDH1624	12.2	20.2
EPGDH2024	16.2	20.2
EPGDH2424	20.2	20.2
EPGDH3624	32.2	20.2
EPGDH4824	44.2	20.2

Extra 19" Panel Rails (Sold in pairs)

Part No.	Rack Units
EPDHR7	7
EPDHR10	10
EPDHR12	12
EPDHR19	19
EPDHR26	26

Weigh Loading lbs	Rack Units
100	7
100	10
120	12
140	19
180	26

Technical references and CAD downloads available at www.hammondmfg.com   All dimensions in inches unless specified otherwise

Modular Rack Cabinet System
C2 Series
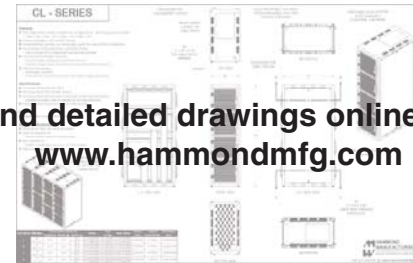
Find detailed drawings online at:
www.hammondmfg.com

Application
- The C2 Rack Cabinet Series provides users with a generous amount of flexibility for electronic, test and measurement as well as entry level computer room applications.
- Standard C2 assemblies provide easy-ordering for common applications (visit our website at www.hammondmfg.com for assembled "Rapid Rack" options). For a more application specific solution, specifiers can mix and match standard components.
- Special colors, sizes or other modifications available from the factory.

Features
- Available in height from 20U to 49U
- Available depth of up to 36 inches
- Cabinet frame features an open-top design supporting optional solid and vented top panels, as well as a selection of fan tops capable of to 550 CFM
- EIA-compliant mounting rails are sold in pairs and are available with either tapped or square-hole design
- Rails feature rack unit markings for easy equipment installation
- Infinite rail depth setting using C-channel struts
- Door options include solid, louvered, Acrylic (with and without side venting)
- Doors include lockable latch, magnetic catch and spring loaded hinge pins for instant installation or removal

Construction
- Fully-welded 14-gauge steel frame with a weight-load rating of 1,500 lbs
- Four (4) leveling feet are included with support for optional casters
- Grounding studs provided on frame as well as side panels and doors
- Mounting rails are zinc plated for superior grounding
- Doors fabricated of 16 gauge steel

Accessories
- Power Bars...*see page* **444**
- Hardware...*see page* **432**
- Shelves...*see page* **425**
- Panels...*see page* **426**
- Cable Managers...*see page* **426**

Finish
- Cabinet components (and many accessories) are finished in textured powder paint.
- Standard stock colours include black and Light Gray.

Technical references and CAD downloads available at www.hammondmfg.com   All dimensions in inches unless specified otherwise

© Hammond Manufacturing

Quality Products. Service Excellence.

Canada: 519.822.2960 or 905.456.3770   USA: 716.630.7030   Data Subject to change without notice

Modular Data Center Cabinet System
C2 Series

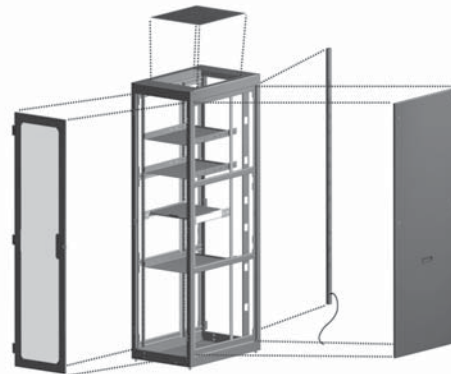| SAVE TIME ONLINE, BUILD YOUR CABINET ONLINE USING Q-ASSEMBLY. www.q-assembly.com	23" Overall Width (19" mounting)		
	40U	45U	49U
	77.31" Overall Ht.	86.06" Overall Ht.	93.06" Overall Ht.
Step 1 **Frame**	23.6" Deep Frame (Usable depth = 21.6")	C2F197023BK1	C2F197823BK1	C2F198523BK1
	31.5" Deep Frame (Usable depth = 29.5")	C2F197031BK1	C2F197831BK1	C2F198531BK1
	36" Deep Frame (Usable depth = 34")	C2F197036BK1	C2F197836BK1	C2F198536BK1
	42" Deep Frame (Usable depth = 40")	Available as Special Order or see C4 Series.		
	Looking for a specific size not listed above? *Please ask your Hammond rep about our modification services.*			
Step 2 **19" Mounting Rails**	Standard Tapped 10-32 Rails (Pair)	CCR70TZPL	CCR78TZPL	CCR85TZPL
	Standard Square Hole Rails (Pair)	CPR70SZPL	CPR78SZPL	CPR85SZPL
	All C2 Rails are Zinc Plated and are stamped with rack unit spacing.			
Step 3 **Side Panels**	23.6" Solid Side Panels (Pair)	CSP7023BK1	CSP7823BK1	CSP8523BK1
	31.5" Solid Side Panels (Pair)	CSP7031BK1	CSP7831BK1	CSP8531BK1
	36" Solid Side Panels (Pair)	CSP7036BK1	CSP7836BK1	CSP8536BK1
Step 4 **Doors**	Solid Door	CDF1970SBK1	CDF1978SBK1	CDF1985SBK1
	Louvered Door	CDF1970LBK1	CDF1978LBK1	CDF1985LBK1
	Perforated Door 51% F. A. R.	CDF1970VBK1	CDF1978VBK1	n/a
	Tinted Acrylic Door with Venting	CDF1970VPBK1	CDF1978VPBK1	n/a
	Tinted Acrylic Door	C2DF1970PBK1	C2DF1978PBK1	C2DF1985PBK1
Step 5 **Top Panels**	23.6" Solid Top Panel	C2T1923SBK1	C2T1923SBK1	C2T2423SBK1
	31.5" Solid Top Panel	C2T1931SBK1	C2T1931SBK1	C2T2431SBK1
	36" Solid Top Panel	C2T1936SBK1	C2T1936SBK1	C2T2436SBK1
	23.6" Vented Top Panel	C2T1923VBK1	C2T1923VBK1	C2T2423VBK1
	31.5" Vented Top Panel	C2T1931VBK1	C2T1931VBK1	C2T2431VBK1
	36" Vented Top Panel	C2T1936VBK1	C2T1936VBK1	C2T2436VBK1
	23.6" Fan Top Panel (4 or 6 holes)	C2T1923FBK1	C2T1923FBK1	C2T2423FBK1
	31.5" Fan Top Panel (4 or 6 holes)	C2T1931FBK1	C2T1931FBK1	C2T2431FBK1
	36" Fan Top Panel (4 or 6 holes)	C2T1936FBK1	C2T1936FBK1	C2T2436FBK1
	23.6" Fan Top Panel (4x 4.7" Fans)	C2T1923F4BK1	C2T1923F4BK1	C2T2423F4BK1
	31.5" Fan Top Panel (4x 4.7" Fans)	C2T1931F4BK1	C2T1931F4BK1	C2T2431F4BK1
	36" Fan Top Panel (4x 4.7" Fans)	C2T1936F4BK1	C2T1936F4BK1	C2T2436F4BK1
	23.6" Fan Top Panel (1x 10" Fan)	C2T1923F10BK1	C2T1923F10BK1	C2T2423F10BK1
	31.5" Fan Top Panel (1x 10" Fan)	C2T1931F10BK1	C2T1931F10BK1	C2T2431F10BK1
	36" Fan Top Panel (1x 10" Fan)	C2T1936F10BK1	C2T1936F10BK1	C2T2436F10BK1
Step 6 **Bottom Panel**	23.6" Solid Bottom Panel	C2BPS1923BK1	C2BPS1923BK1	C2BPS1923BK1
	31.5" Solid Bottom Panel	C2BPS1931BK1	C2BPS1931BK1	C2BPS1931BK1
	36" Solid Bottom Panel	C2BPS1931BK1	C2BPS1931BK1	C2BPS1931BK1
Step 7 **Vertical Manager**	Vertical Open Tray (each)	VCT70	VCT78	N/A
	Vertical Cable Manager w/Door (each)	VCMDS70BK1	VCMDS78BK1	N/A
	Looking for other cable manager solutions? Contact your local Hammond representative.			
Step 8 **Misc Hardware**	Casters (Set of 4) 1000lb capacity	1425BH	1425BH	1425BH
	Baying Kit	CGH01	CGH01	CGH01
	Grounding Kit	GRDKIT02	GRDKIT02	GRDKIT02
	10-32 Black Screws w/washers (100 pack)	H1032BK100	H1032BK100	H1032BK100
	10-32 Cage Nuts (100 pack)	1421CNA100	1421CNA100	1421CNA100

Data Communication Infrastructure

Technical references and CAD downloads available at www.hammondmfg.com   All dimensions in inches unless specified otherwise

Quality Products. Service Excellence.

© Hammond Manufacturing   Canada: 519.822.2960 or 905.456.3770   USA: 716.630.7030   Data Subject to change without notice

Modular Data Center Cabinet System
C4 Series

Data Communication Infrastructure

Application
- The wider and deeper C4 Rack Cabinet Series provides users with maximum amount of flexibility for data center applications.
- Multiple features addressing thermal performance make C4 an ideal choice in high heat load environments.
- Standard C4 assemblies provide easy-ordering for common applications. For a more application specific solution, specifiers can mix and match standard components.
- Special colors, sizes or other modifications available from the factory.

Standards
- Structural integrity of the standard C4 frame design meets Seismic UBC Zone-4 certification.

Features
- 30" wide C4 has generous cabling space, four (3.5" wide) cable entry holes on the top, support for up to four optional 4"-deep vertical cable managers, and an open base for easy cable access from raised-tile sub-floors
- EIA-compliant mounting rails are sold in pairs and are available with either tapped or square-hole design
- Cabinet frame features an open-top design supporting optional solid/vented top panels, as well as fan tops capable of up to 550 CFM
- Cabinets come standard with an open base design to allow for cable entry and cold-air supply in raised-tile-floor installations
- Rails feature rack unit markings for easy equipment installation
- Infinite rail depth setting using C-channel struts
- Rails for 30" wide unit have cable-tie support and pass-through hole
- Door options include solid, Acrylic and perforated.
- Perforated doors are offered in single and split door. Split doors can save valuable working space when accessing the back of the cabinet.
- Perforated doors for both front and back of the cabinet are suggested for most server applications.
- Doors include lockable latch, magnetic catch and spring loaded hinge pins for instant installation or removal

Construction
- Fully-welded 14-gauge steel frame with heavy-duty struts contributing to a weight-load rating of 2000 lbs
- Four (4) leveling feet are included with support for optional casters
- Grounding studs provided on frame as well as side panels and doors
- Mounting rails are zinc plated for superior grounding
- Doors fabricated of 16 gauge steel

Accessories
- Vertical cable trays are available for both 24" and 30"-Wide cabinets. 30" wide compatible versions feature magnetic-latching doors, and 3.5" wide x 4" deep cable space.
- Power Bars...*see page* **444**
- Hardware...*see page* **432**
- Shelves...*see page* **425**
- Panels...*see page* **426**
- Cable Managers...*see page* **426**

Finish
- Cabinet components (and many accessories) are finished in textured black powder paint.
- Standard stock color black.

Technical references and CAD downloads available at www.hammondmfg.com   All dimensions in inches unless specified otherwise

411

Quality Products. Service Excellence.

© Hammond Manufacturing   Canada: 519.822.2960 or 905.456.3770   USA: 716.630.7030   Data Subject to change without notice

Modular Data Center Cabinet System
C4 Series

SAVE TIME ONLINE, BUILD YOUR CABINET ONLINE USING Q-ASSEMBLY. www.q-assembly.com		24" Overall Width (19" Mounting)		30" Overall Width
		42U 80" Overall Ht.	44U 83.5" Overall Ht.	44U 83.5" Overall Ht.
Step 1 **Frame**	31.5" Deep Frame (Usable depth = 29.5")	C4F247331BK1	C4F247731BK1	C4F307731BK1
	36" Deep Frame (Usable depth = 34")	C4F247336BK1	C4F247736BK1	C4F307736BK1
	42" Deep Frame (Usable depth = 40")	C4F247342BK1	C4F247742BK1	C4F307742BK1
	48" Deep Frame (Usable depth = 46")	Special Order	Special Order	Special Order
	Looking for a specific size not listed above? Please ask your Hammond rep about our modification services.			
Step 2 **19" Mounting Rails**	Standard Tapped 10-32 Rails (Pair)	C4PR2473TZPL	C4PR2477TZPL	n/a
	Standard Square Hole Rails (Pair)	C4PR2473SZPL	C4PR2477SZPL	n/a
	Extra Wide Tapped Rails (Pair)	n/a	n/a	C4PR77TZPL
	Extra Wide Square Hole Rails (Pair)	n/a	n/a	C4PR77SZPL
	All C4 Rails are Zinc Plated and include a 25 pack of 10-32 screws and cage nuts.			
Step 3 **Side Panels**	31.5" Solid Side Panels (Pair)	C4SP7331SBK1	C4SP7731SBK1	C4SP7731SBK1
	36" Solid Side Panels (Pair)	C4SP7336SBK1	C4SP7736SBK1	C4SP7736SBK1
	42" Solid Side Panels (Pair)	C4SP7342SBK1	C4SP7742SBK1	C4SP7742SBK1
	31.5" Vented Side Panels (Pair)	C4SP7331VBK1	C4SP7731VBK1	C4SP7731VBK1
	36" Vented Side Panels (Pair)	C4SP7336VBK1	C4SP7736VBK1	C4SP7736VBK1
	42" Vented Side Panels (Pair)	C4SP7342VBK1	C4SP7742VBK1	C4SP7742VBK1
Step 4 **Doors**	Solid Door	C4DF2473SBK1	C4DF2477SBK1	C4DF3077SBK1
	Tinted Acrylic Door	C4DF2473PBK1	C4DF2477PBK1	C4DF3077PBK1
	Perforated Door 51% F. A. R.	C4DF2473VBK1	C4DF2477VBK1	C4DF3077VBK1
	Perforated Split Doors 51% F. A. R. (Pair)	C4BD2473VBK1	C4BD2477VBK1	C4BD3077VBK1
Step 5 **Top Panels**	31.5" Solid Top Panel	C2T1923SBK1	C2T1923SBK1	C2T2423SBK1
	36" Solid Top Panel	C2T1931SBK1	C2T1931SBK1	C2T2431SBK1
	42" Solid Top Panel	C2T1936SBK1	C2T1936SBK1	C2T2436SBK1
	31.5" Vented Top Panel	C2T1923VBK1	C2T1923VBK1	C2T2423VBK1
	36" Vented Top Panel	C2T1931VBK1	C2T1931VBK1	C2T2431VBK1
	42" Vented Top Panel	C2T1936VBK1	C2T1936VBK1	C2T2436VBK1
	31.5" Fan Top Panel (4 or 6 holes)	C2T1923FBK1	C2T1923FBK1	C2T2423FBK1
	36" Fan Top Panel (4 or 6 holes)	C2T1931FBK1	C2T1931FBK1	C2T2431FBK1
	42" Fan Top Panel (4 or 6 holes)	C2T1936FBK1	C2T1936FBK1	C2T2436FBK1
	31.5" Fan Top Panel (4x 4.7" Fans)	C2T1923F4BK1	C2T1923F4BK1	C2T2423F4BK1
	36" Fan Tapped Panel (4x 4.7" Fans)	C2T1931F4BK1	C2T1931F4BK1	C2T2431F4BK1
	42" Fan Top Panel (4x 4.7" Fans)	C2T1936F4BK1	C2T1936F4BK1	C2T2436F4BK1
	31.5" Fan Top Panel (1x 10" Fan)	C2T1923F10BK1	C2T1923F10BK1	C2T2423F10BK1
	36" Fan Top Panel (1x 10" Fan)	C2T1931F10BK1	C2T1931F10BK1	C2T2431F10BK1
	42" Fan Top Panel (1x 10" Fan)	C2T1936F10BK1	C2T1936F10BK1	C2T2436F10BK1
Step 6 **Bottom Panel**	31.5" Solid Bottom Panel	C4B2431SBK1	C4B2431SBK1	C4B3031SBK1
	36" Solid Bottom Panel	C4B2436SBK1	C4B2436SBK1	C4B3036SBK1
	42" Solid Bottom Panel	C4B2442SBK1	C4B2442SBK1	C4B3042SBK1
Step 7 **Vertical Manager**	Vertical Open Tray (each)	VCT73	VCT77	VCT77
	Vertical Cable Manager w/Door (each)	C4VCM73BK1	C4VCM77BK1	C4VCM77BK1
	Looking for a fingered, fiber or other manager? We may have models that may be ordered as a special.			
Step 8 **Misc Hardware**	Casters (Set of 4) 1000lb capacity	1425BH	1425BH	1425BH
	Baying Kit	CGH01	CGH01	CGH01
	Grounding Kit	GRDKIT02	GRDKIT02	GRDKIT02
	10-32 Black Screws w/washers (100 pack)	1421ABK100	1421ABK100	1421ABK100
	10-32 Cage Nuts (100 pack)	1421CNA100	1421CNA100	1421CNA100
	Seismic Bolt-Down Kit	C4K-Z4	C4K-Z4	C4K-Z4

Technical references and CAD downloads available at www.hammondmfg.com   All dimensions in inches unless specified otherwise

Data Communication Infrastructure

Data Center Cabinet Assembly
DC100 Series

Shown with
optional side panels.

Application

- The Hammond Data Center 100 (DC100) was designed for Server, Network and Data Storage applications. DC100 cabinets feature an array of enhancements over traditional cabinets, with cooling performance and enhanced security features demanded by today's IT manager.

Standards

- Structural integrity of the standard DC100 frame design meets Seismic UBC Zone-4 certification.

Features

- The DC100 series cabinets are offered in two capacities, 42U spaces and 24U spaces. A standard overall width of 24" allow cabinets to side or bay together matching standard 2ft floor tile placement, optimizing subfloor cable and cold-air access without conflict. Overall depth of 42" but can be modified up to 48" to provide support for deep server dimensions while providing additional space for cable management.

- The top of the DC100 includes two (2) 3.5" diameter cable entry holes and one (1) 18 x 3" rectangle cable entry (comes with solid filler panel).
- Open frame bottom allows raised tile floor cable and air access. Also includes a removable rear gland plate for floor-level cable entry. One (1) vertical cable tray included.
- Includes two (2) pair of 19" mounting EIA-310-D compliant square-hole design feature U-markings. Infinite-depth setting using C-channel struts.
- Four (4) leveling feet are included with support for included recessed casters. Grounding studs provided on frame, side panels and doors. Side panels are only included with the 24U model. Side panels are sold separately for 42U model.
- Doors include front and rear enhanced locking handles that include a 2-point locking mechanism. Front perforated door offers 65% airflow. Split rear perforated doors offers 65% airflow.
- Perforated doors for front and rear of the cabinet are suggested for most server applications. DC100 cabinet frame features an open-top design supporting optional solid and vented top panels, as well as a selection of fan tops capable of up to 550CFM.

Construction

- The DC100 features a fully-welded 14-gauge steel frame with heavy-duty struts contributing to a weight-load rating of 2000 lbs.
- Rails are fabricated of heavy duty 12 gauge steel, zinc-plated for superior grounding.

Accessories

- Electronic Handle - Upgrade your handles to our new electronic controlled handle with key override.
- Manage access using your SNMP smart PDU now available from Hammond Mfg. Ask your Hammond rep for details.
- Power Bars...*see page* **444**
- Hardware...*see page* **432**
- Shelves...*see page* **425**
- Panels...*see page* **426**
- Cable Managers...*see page* **426**

Finish

- Rugged textured black powder paint

Technical references and CAD downloads available at www.hammondmfg.com   All dimensions in inches unless specified otherwise

Quality Products. Service Excellence.

© Hammond Manufacturing   Canada: 519.822.2960 or 905.456.3770   USA: 716.630.7030   Data Subject to change without notice

Data Center Cabinet Assembly
DC100 Series

TOP VIEW

18.35
(19" MTG)

"B"

"C"

"A"

"A" + 1.30

"D"
Panel Height

DOORS REMOVED

FRONT VIEW

RIGHT SIDE VIEW

REAR VIEW
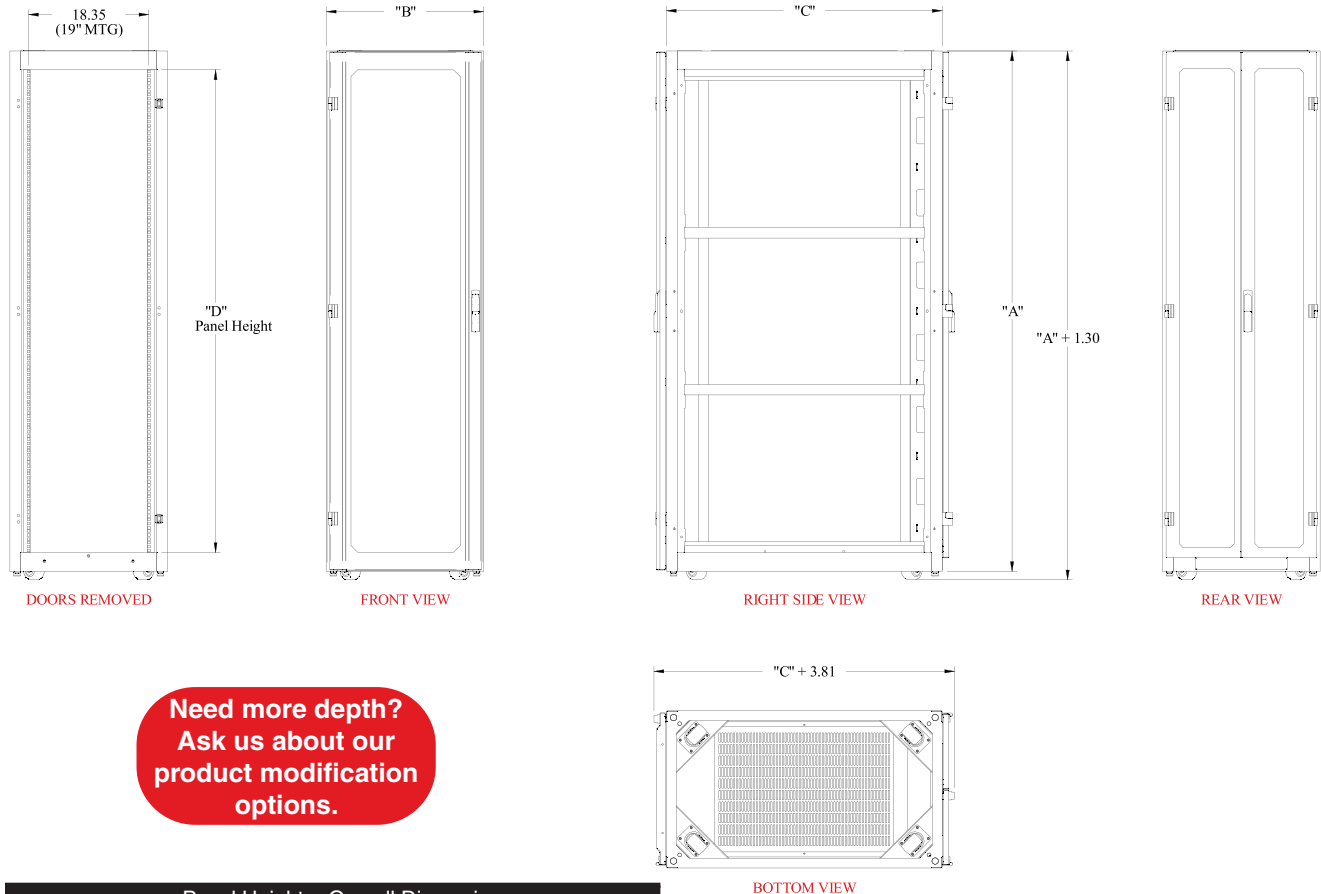
Need more depth? Ask us about our product modification options.

"C" + 3.81

BOTTOM VIEW

Data Communication Infrastructure

Part No.	Panel Height		Overall Dimensions			Weight
	Inches	Units	Width	Depth	Height w/ casters	lbs.
DC1004242	73.5	42	24	42	80.6	205
DC1004224	42	24	24	42	49.1	210

Accessories:

| Part No.	Description
DC100SP4242	DC100 42U Locking Side Panel Kit (includes 2 x panels)
DC10042RAIL	EXTRA pair of square-hole, vertical mounting rails 42U high
DC10024RAIL	EXTRA pair of square-hole, vertical mounting rails 24U high
DC100AD42	DC100 42U Air Dam Kit
DC100AD24	DC100 24U Air Dam Kit
DC100RHINGE	DC100 Right Hand Door Hinge
DC100ATIP	DC100 Stabilizer / Anti-tip Bracket
DCT42	DC Series 42U Vertical Cable Manager Tray
DCT24	DC Series 24U Vertical Cable Manager Tray
CGH01	Baying Hardware Kit (All Hammond Cabinets and Racks)
C4K-Z4	Seismic Bolt-Down Kit

Technical references and CAD downloads available at www.hammondmfg.com   All dimensions in inches unless specified otherwise
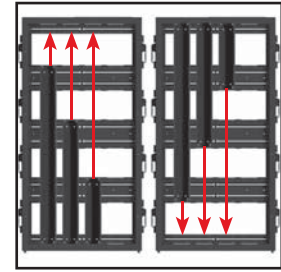
Modular Co-Location Cabinet System
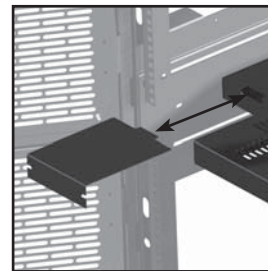## CL Series

Data Communication Infrastructure
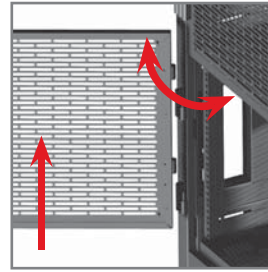
Doors open 180° and can be removed by swinging open and lifting off.

Vertical Cable Management can easily be moved to top or bottom.

Easily remove cover panels to install a vertical PDU.

One frame fits all bay configurations. Easily pass cables between cabinets.

Application
• Hammond's Co-location Rack Cabinet features four (4) different bay configurations. Whether you are leasing the space or want to restrict access to sections of your cabinet, the Hammond CL Series is loaded with innovative features.

Features
• One single frame allows multiple bay configurations. Mounting space includes:
• 1-Bay = 44U, 2-Bay = 21U, 3-Bay = 14U, 4-Bay = 10U
• Standard available configurations available in 36" and 42" depths.
• Vented shelves include rear removable panels for vertical PDU installations.
• Front and Rear Perforated Doors with 65% air flow.
• Doors include 4-pin combination lock with key override.

• Vertical Cable Managers can be installed either top or bottom. Designed to accommodate sliding rail mount kit on servers.
• Cabinet top includes brushed cable entry for cable managers, removable top panel and provisions for containment system and cable trough accessories.

Construction
• 14-gauge welded steel frame; 16-gauge doors and side panel.
• EIA-Compliant adjustable depth mounting rails.
• Available as Square Hole or Tapped (10-32) mounting rail.
• Recommended maximum weight load tested for 1,800 lbs.

Accessories
• Third set of rails can easily be added with either 10-32 taps or square holes.
• Security upgrade kit ensures entire cabinet is tamper-proof.
• Bay upgrade kit divides a single bay into a 2, 3 or 4 bay cabinet.
• Right-hand door hinge kit.
• Power Bars...*see page 444*
• Hardware...*see page 432*
• Shelves...*see page 425*
• Panels...*see page 426*
• Cable Managers...*see page 426*

Finish
• Rugged textured black powder paint

Technical references and CAD downloads available at www.hammondmfg.com   All dimensions in inches unless specified otherwise
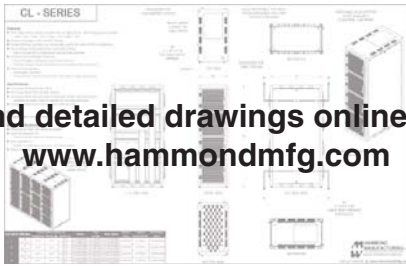
Quality Products. Service Excellence.
© Hammond Manufacturing   Canada: 519.822.2960 or 905.456.3770   USA: 716.630.7030   Data Subject to change without notice

Modular Co-Location Cabinet System
CL Series

Find detailed drawings online at:
www.hammondmfg.com

Your *QUICK & EASY* configuration tool is just a <u>click</u> away!

HAMMOND MFG QAssembly
ONLINE CONFIGURATION

Build your own assembly at: **www.q-assembly.com**

Data Communication Infrastructure

Use this chart to select your desired parts below. You may prefer to visit www.q-assembly.com and build your preferred solution online.			1 Bay (44U)	2 Bay (21U)	3 Bay (14U)	4 Bay (10U)
Step 1 Frame	**Overall Dimensions 24" (W) x 83.4" (H)**	36" deep	CLF244436BK	CLF244436BK	CLF244436BK	CLF244436BK
		42" deep	CLF244442BK	CLF244442BK	CLF244442BK	CLF244442BK
Step 2 Rails	**19" Tapped 10-32 Rails (Pair)**		CLTR44U	CLTR21U	CLTR14U	CLTR10U
	19" Square Hole Rails (Pair)		CLSR44U	CLSR21U	CLSR14U	CLSR10U
Step 3 Side Panels	**Solid Side Panels (Each)**	36" deep	CLSP4436BK (Compatible with all bay configurations)			
	Solid Side Panels (Each)	42" deep	CLSP4442BK (Compatible with all bay configurations)			
Step 4 Internal Kit	**Each kit contains the doors, cable managers and bay shelves.**	36" deep	CL1B36KIT	CL2B36KIT	CL3B36KIT	CL4B36KIT
		42" deep	CL1B42KIT	CL2B42KIT	CL3B42KIT	CL4B42KIT
Step 5 Top Panel	**Solid Top Panel**		C2T1923SBK1 (Compatible with all bay configurations)			
	Vented Top Panel		C2T1923VBK1 (Compatible with all bay configurations)			
Step 6 Bottom Panel	**Solid Bottom Panel**	36" deep	CLB2436 (Compatible with all bay configurations)			
	Solid Bottom Panel	42" deep	CLB2442 (Compatible with all bay configurations)			
Step 7	**Baying Kit**		**GKIT** (Compatible with all bay configurations)			
	Grounding Kit		**GRDKIT02** (Compatible with all bay configurations)			
	Seismic Bolt-Down Kit		**C4K-Z4** (Compatible with all bay configurations)			
	Security Upgrade Kit		**CLSECUPG** (Compatible with all bay configurations)			
	Cable Trough		**CLTROUGH** (Compatible with all bay configurations)			
	Right-hand door hinge kit.		**CLRHNG** (Compatible with all bay configurations)			
	PDU Tooless Mount Bracket		**VCTPDU44U** (Compatible with all bay configurations)			

Every Hammond CL Series cabinet can be converted into an air containment system.

Each CL Series frame includes provisions for a gasketed top panel, top cable trough and containment aisle door that can be secured to the first set of the row. (Sold separately)

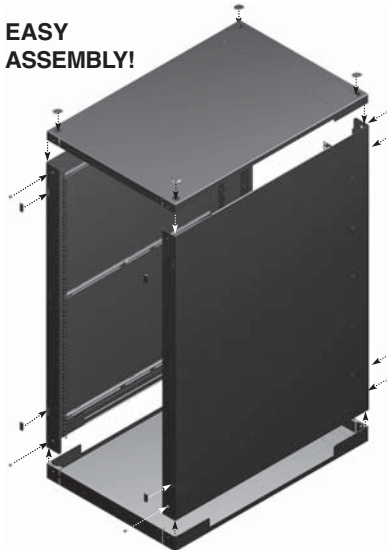Contact your Hammond rep for more details.

Technical references and CAD downloads available at www.hammondmfg.com   All dimensions in inches unless specified otherwise

Stacking Knockdown Server Cabinet
RCSC Series

Optional High Airflow vented door shown.

EASY ASSEMBLY!

OPTIONAL DOORS

NOTE: Baying kit (RCSCBAY) is required to lock cabinets together securely when stacking.

Fan 'punch-out' holes double as cable entry when stacked!

STACKS IN SECONDS!
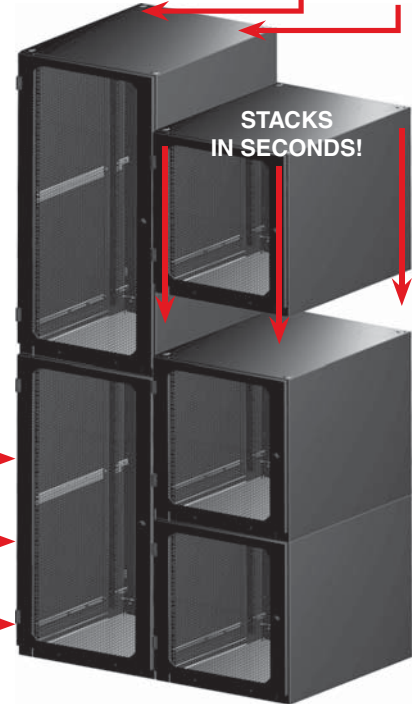
Application
- The RCSC Rack Cabinet features a stacking design that allows for up to three (3) cabinets* to be stacked atop each other. This Rack Cabinet is fully loaded and includes two (2) pairs of infinitely adjustable sliding EIA square-hole rails, punch-outs for cable entry and/or fan cooling and comes in a variety of sizes and depths.

Features
- The unique stacking feature enables your cabinet space to grow as your needs do. *Stack up-to three (3) 12U, two (2) 24U or one (1) of each cabinet atop each other using the required baying kit (RCSCBAY). The 12U cabinet is a great starter cabinet for any small to medium sized business.
- Four (4) embosses are included with support for optional levelling feet or casters.
- Includes two (2) pair of 19" mounting EIA-310-D compliant square-hole design feature U space markings. Rails are infinitely adjustable in depth. Rails are fabricated of heavy duty fourteen (14) gauge steel, painted smooth black.
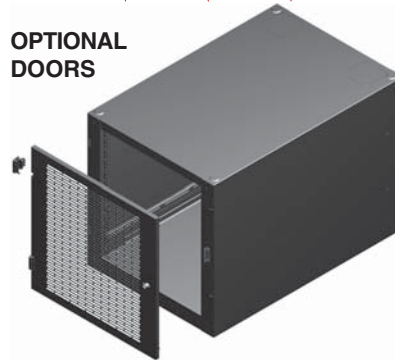
- The top and bottom of the RCSC includes two (2) laser knockouts (per side) for cable-entry or fans (includes gasket strip material). For 36" depth cabinet side panels include cable entry knockouts. Also includes a laser knockout rear gland plate for floor-level cable entry.
- Optional doors are available in solid, tinted acrylic, honey-comb perf and high airflow vented. Snap-in hinges can be mounted without having to bolt-on from inside the cabinet. In addition, the hinges can be mounted on the left or right.
- High airflow perforated doors for both front and rear of the cabinet are suggested for most server applications. Perforated doors meet server manufacturer Free-Air-Ratio (FAR) requirements at 65%.

Construction
- The RCSC features a knockdown 16-gauge steel frame with heavy-duty struts contributing to a weight-load rating of 1500 lbs. Ships un-assembled in (flat-pack).
- Grounding studs provided on body.

Accessories
- Power Bars...*see page* **444**
- Hardware...*see page* **432**
- Shelves...*see page* **425**
- Panels...*see page* **426**
- Cable Managers...*see page* **426**

Finish
- Rugged textured black powder paint

Technical references and CAD downloads available at www.hammondmfg.com   All dimensions in inches unless specified otherwise

417

Quality Products. Service Excellence.
© Hammond Manufacturing   Canada: 519.822.2960 or 905.456.3770   USA: 716.630.7030   Data Subject to change without notice

Stacking Knockdown Server Cabinet
RCSC Series

Data Communication Infrastructure

TOP VIEW

4" MUFFIN FAN CUTOUT OR CABLE PASS-THRU HOLE (KNOCK-OUT)

"C"

"E" MAX MTG DEPTH

"B"

1/4-20 SCREW (4 PER SIDE)

18.35 (19" MTG)

"A"

"D" Panel Height

CABLE-TIE LANCE (ONLY ON 36" DEEP)

L.S. VIEW

FRONT VIEW

R.S. VIEW

REAR VIEW

INCLUDES 2 PAIR OF ADJUSTABLE SQUARE HOLE PANEL RAILS.

2.00 X 3.00 DOUBLE KNOCK-OUT (ONLY ON 36" DEEP)

1.50 X 10.00 GLAND OPENING (KNOCK-OUT)

3" X 3" CABLE PASS-THRU HOLE (KNOCK-OUT)

BOTTOM VIEW
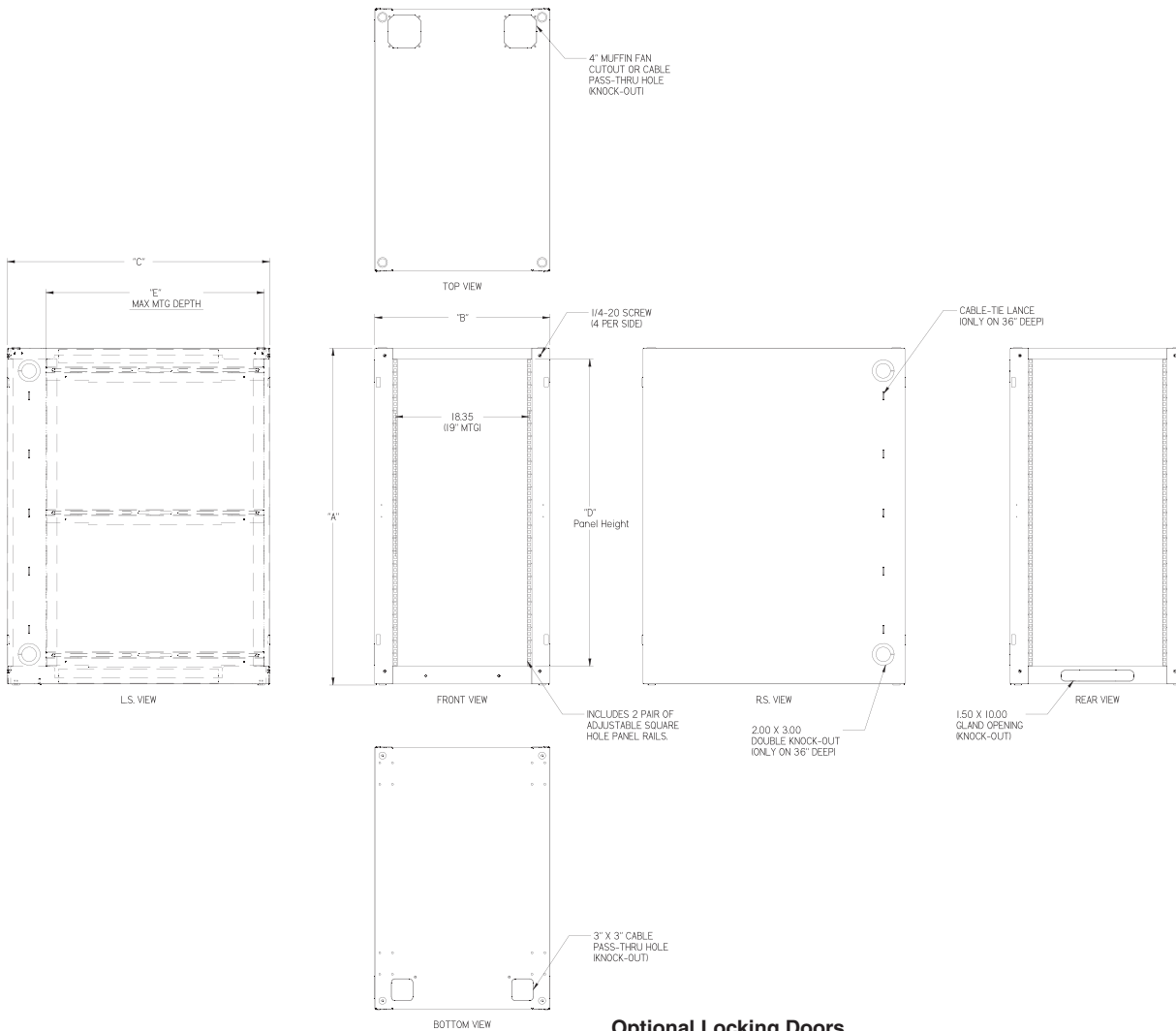
Part No.	Units	Overall Height	Overall Depth	Max Mounting Depth
RCSC1902124BK1	12U	25"	24.5"	23"
RCSC1904224BK1	24U	46"	24.5"	23"
RCSC1902131BK1	12U	25"	31.5"	30"
RCSC1904231BK1	24U	46"	31.5"	30"
RCSC1902136BK1	12U	25"	36"	30"
RCSC1904236BK1	24U	46"	36"	30"

Includes 50-Pack 10-32 cage nuts and screws.

Optional Locking Doors

Part No.	Description
RCSC19021PDBK1	12U Perforated Door w/lock
RCSC19021SDBK1	12U Solid Door w/lock
RCSC19021VDBK1	12U Vented Door w/lock
RCSC19042PDBK1	24U Perforated Door w/lock
RCSC19042SDBK1	24U Solid Door w/lock
RCSC19042VDBK1	24U Vented Door w/lock

Optional Accessories:

Part No.	Description
RCSCATIP	Anti-tip brackets
RCSCBAY	Baying kit - bays (2) RCSC's together (vertically or horizontally)
GRDKIT02	Cabinet ground cable kit
DNFK1AC120	Single (1) Fan kit with grills and cord
DNFK2AC120	Dual (2) Fan kit with grills and cord

Optional Casters

Part No.	Description	Rated
1425P	Light-duty casters(4)	400 lbs
1425BH	Heavy duty casters(4)	1000 lbs

Technical references and CAD downloads available at www.hammondmfg.com   All dimensions in inches unless specified otherwise

2-Post Steel (Welded & Knockdown) Relay Rack
DNRR Series

Data Communication Infrastructure
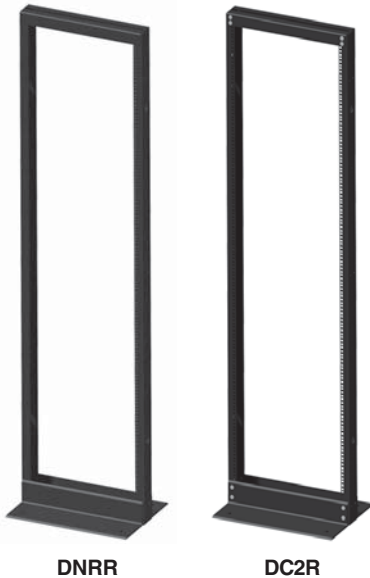
DNRR   **DC2R**

Application
• Suitable for many 19" rack mount applications, providing complete access to equipment.

Features
• Welded version - no assembly required. Knockdown version –convenient transport and storage, easy to assemble
• Universal EIA (5/8 - 5/8 - 1/2 inch) spacing.
• Choice of front flange or both flanges - drilled & tapped. Note: DC2R44 version features square holes.
• Base can be lagged to floor.
• Accepts optional casters and dollies.

Construction
• Fabricated in 10-gauge steel (heavy duty) or 12-gauge steel (light duty).

Finish
• Finished in rugged textured black powder paint.

Accessories
• Hardware...*see page* **432**
• 2 Post Shelves...*see page* **425**
• Cable Managers...*see page* **421**

Heavy Duty Relay Rack (Weight Capacity up to 1,530 lbs)

Single Tapped Welded Part No.	Double Tapped Welded Part No.	Double Tapped Knockdown Part No.	Description (10 Gauge)
DNRR70HDW	DNRR70HDWB	DNRR70HDKB	40U, 19" Rack Mounting, 70" Overall Height
DNRR77HDW	DNRR77HDWB	DNRR77HDKB	44U, 19" Rack Mounting, 77" Overall Height
DNRR84HDW	DNRR84HDWB	DNRR84HDKB	48U, 19" Rack Mounting, 84" Overall Height
-	DNRR2377HDWB	-	44U, 23" Rack Mounting, 77" Overall Height
-	DNRR2384HDWB	-	48U, 23" Rack Mounting, 84" Overall Height

Light Duty Relay Rack (Weight Capacity up to 1,200 lbs)

| Single Tapped Welded Part No.	Single Tapped Knockdown Part No.	Square Hole Knockdown Part No.	Deep Channel Knockdown Part No.	Description (12 Gauge)
DNRR70LDW	DNRR1970LDK	-	DNRR1970DCK	40U, 19" Rack Mounting, 70" Overall Height
DNRR77LDW	DNRR1977LDK	DC2R44	DNRR1977DCK	44U, 19" Rack Mounting, 77" Overall Height
DNRR84LDW	DNRR1984LDK	-	-	48U, 19" Rack Mounting, 84" Overall Height

Note: Just a reminder we have over thirty (30) rack part numbers available at www.hammondmfg.com

Technical references and CAD downloads available at www.hammondmfg.com   All dimensions in inches unless specified otherwise

4-Post Steel Open Rack
DC4R Series

Optional third mounting rail sold separately.

Data Communication Infrastructure
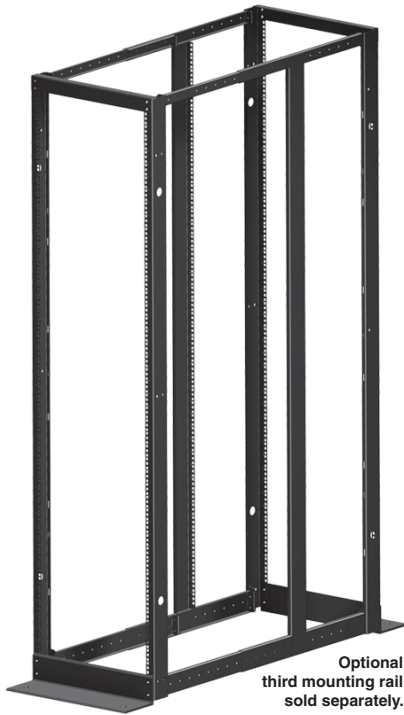
Application
- The Hammond DC4R Open Rack series is one of the most economical solutions to house servers and other devices in wiring closets or data centers. In situations where the wiring closet itself is under lock and key and accessed by a limited number of people, full cabinets having locking doors and side panels may not be required resulting in a significant cost savings.

Features
- Available in 24U and 44U and up to 48" in overall depth (See table below).
- 24U (42") - 48.125" over-all height, 20.5" over-all width
- 44U (77") - 83" over-all height, 20.5" over-all width
- Two (2) pair of 19" mounting EIA-310-D compliant square-hole rails integrated into DC4R Frame. Features rack unit space marking hole.
- Includes one (1) set of two (2) horizontal cable manager bars (DC4RSHCM). Additional cable manager bars available (see page 5)

Construction
The DC4R structure is constructed of 12 gauge steel and has 19" mounting integrated into the front and rear of the frame.

Finish
- Smooth black powder paint.

Accessories
- Hardware...*see page* **432**
- 2 Post Shelves...*see page* **425**
- Cable Managers...*see page* **421**

Part No.	Description
DC4R24	24U 4-Post Rack Kit (24" to 36" overall depth)
DC4R44	44U 4-Post Rack Kit (24" to 36" overall depth)
DC4R2448	24U 4-Post Rack Kit (32" to 48" overall depth)
DC4R4448	44U 4-Post Rack Kit (32" to 48" overall depth)

Optional Accessories

Part No.	Description
RRALJK	Standard Baying Hardware Kit
DC4RSHCM	Additional Horizontal Cable Bars (2)
DC4RPR24	Additional pair of rails for DC4R 24U
DC4RPR44	Additional pair of rails for DC4R 44U

Technical references and CAD downloads available at www.hammondmfg.com

RRALJK
Baying Kit

DC4RSHCM
Horizontal Cable Manager Bars with Adjustable Depth

All dimensions in inches unless specified otherwise

2 & 4 - Post Relay Rack
Accessories
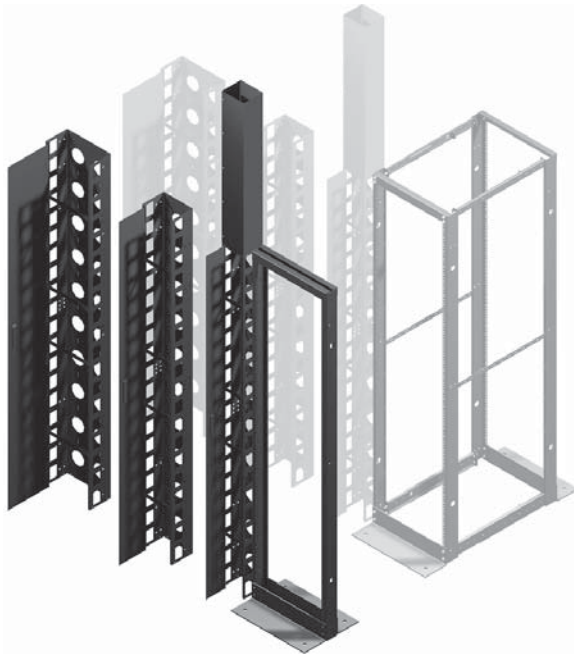
Vertical Cable Managers
- Available in three widths (6",8",12")
- Hinged doors secured with magnets
- Can mount on left or right of rack
- Managers can also bay racks
- 16 gauge steel
- Mounting hardware included

Part No.	Description	H	W	D
RRCM44UD	44U Manager w/Door	77"	6"	5"
RRCM844UD	44U Manager w/Door	77"	8"	6"
RRCM1244UD	44U Manager w/Door	77"	12"	6"

Hammond offers more Vertical Cable Managers varying in size, material and design! Please visit our web site for additional models.

Cable Chimneys
Cable Chimneys are assembled from two halves, making it easy to attach around existing cables.
- Attaches directly to Vertical Managers
- 18 gauge steel
- Easy installation
- Mounting hardware included

Attaches directly to VCM

Part No.	Description	H	W	D
RRCMCH65	Cable chimney	36"	6"	5"
RRCMCH86	Cable chimney	36"	8"	6"
RRCMCH126	Cable chimney	36"	12"	6"

Note: The above cable chimneys are designed to connect directly to our vertical cable managers, and are not compatible with our Top Cable Manager (TCM) System below.
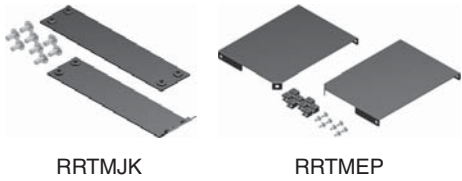

Top Cable Manager (TCM) System
(Compatible with RRCM44UD vertical cable managers only)

Part No.	Description
RR19TMS	Attaches to one (1) rack with one (1) vertical cable manager
RR19TMD	Attaches to one (1) rack with two (2) vertical cable managers
RR19TMDD	Attaches to two (2) racks with two (2) vertical cable managers
RR19TMDT	Attaches to two (2) racks with three (3) vertical cable managers

Cable Chimneys (Attaches directly to TCM)

Part No.	Description	H	W	D
RRCH20	TCM Cable Chimney	20"	5"	5"
RRCH24	TCM Cable Chimney	24"	5"	5"
RRCH30	TCM Cable Chimney	30"	5"	5"

Technical references and CAD downloads available at www.hammondmfg.com   All dimensions in inches unless specified otherwise

Misc Accessories

Part No.	Description
RRALJK	Baying kit - Joins two DNRR racks together
RRTMEP	End-Plates to close TCM ends
RRTMJK	Joining kit - Joins TCM together

RRTMJK   RRTMEP

Compatible Casters and Dollies

| Part No.	Description
RRLDCASTER	Light Duty Casters (4) Rated for 800 lbs (Adds 3.75" to overall height)
RRLPDOL	Low Profile Dolly Rated for 1080 lbs (Adds 1.25" to overall height)
RRHDDOL	Heavy Duty Dolly Rated for 1500 lbs (Adds 3.50" to overall height)

RRLDCASTER   RRLPDOL   RRHDDOL

Data Communication Infrastructure

Technical references and CAD downloads available at www.hammondmfg.com   All dimensions in inches unless specified otherwise

Formed & Knockdown Wall Racks
FWB, HPB & VPB Series

Data Communication Infrastructure

FWB Series - Economy Fixed Wall Bracket
- Hinged for easy rear access to devices.
- Fixed-depth of 6".
- 16 gauge formed steel.
- Rear cable access.
- Black powder paint finish.
- Static weight-load tested up to 70 lbs.
- Includes four (4) 10-32 black rack screws w/washers and clip nuts per rack unit.

| Part No.	Description	Contractor Pack
FWB191UBK	1U Wall Bracket	FWB191UBK-12
FWB192UBK	2U Wall Bracket	FWB192UBK-12
FWB194UBK	4U Wall Bracket	FWB194UBK-12
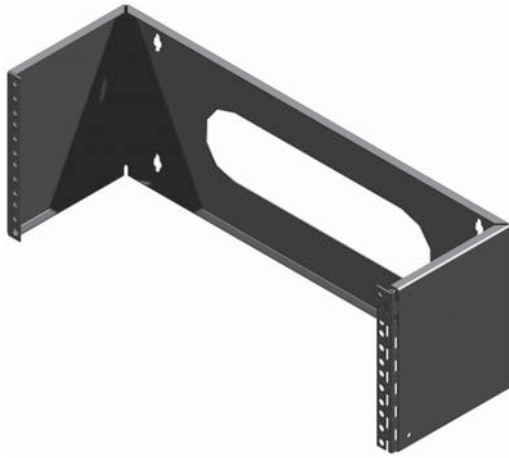
HPB Series - Heavy Duty Fixed Wall Bracket
- Knock-down design.
- Ships un-assembled (flat-pack).
- 14 gauge formed steel.
- Hinged for easy rear access to devices.
- Fixed-depth of 6".
- Multiple tie points for cable management.
- EIA compliant 10-32 tapped holes.
- Static weight-load tested up to 90 lbs.
- Black powder paint finish.

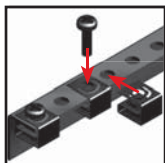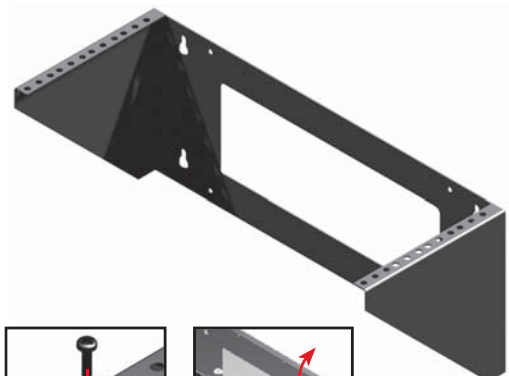| Part No.	Description
HPB19003BK1	2U Wall Bracket
HPB19005BK1	3U Wall Bracket
HPB19007BK1	4U Wall Bracket
PBCOVER	6" Depth Dust cover/shelf

Includes 10 or 25-pack of 10-32 black rack screws w/washers and mounting template for easy installation.
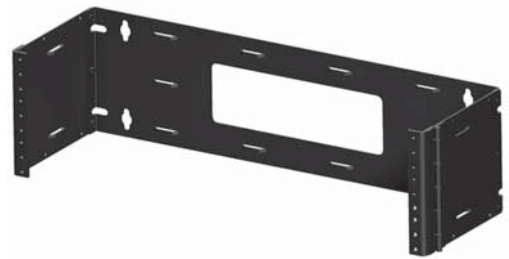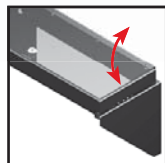
VPB Series - Heavy Duty Vertical Wall Bracket
- Available in 2U, 4U and 6U mounting depths.
- Includes generous rear cutout for cable entry.
- Four (4) wall mount keyholes included.
- 14-gauge formed construction.
- EIA compliant punched hole mounting rails are stronger than square holes.
  - Uses 10-32 clip nuts (includes starter pack of 10-32 clip nuts and screws).
- Recommended weight load tested for 135 lbs.
- Rugged textured black powder paint.

Clip nuts are easier to install when compared to square hole cage nuts.

Optional acrylic RMSC hinged panel cover prevents equipment from dust and tampering.

Part #	Panel Height Inches	Units	Height	Width	Depth
VPB192UBK	3.50	2	7.69"	19.19"	4.19"
VPB194UBK	7.00	4	7.96"	19.19"	7.69"
VPB196UBK	10.50	6	11.19"	19.19"	11.19"

Technical references and CAD downloads available at www.hammondmfg.com   All dimensions in inches unless specified otherwise

Formed & Knockdown Wall Racks
FWB, HPB & VPB Series
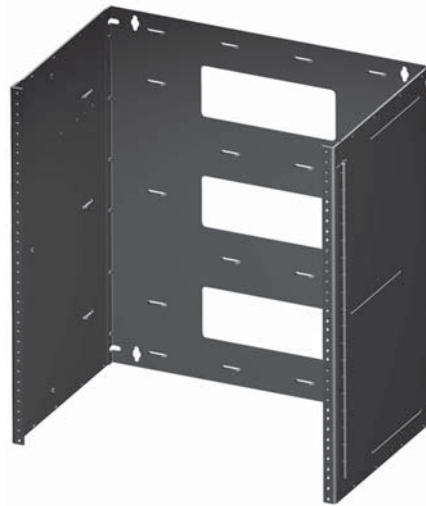
APB Series - Heavy Duty Adjustable Wall Bracket
- Knock-down design ships un-assembled (flat-pack).
- Mounting heights available in 4U, 6U, 8U and 12U.
- Available in two depths, from 12" to 18" using slots for easy set-up and adjusting.
- Includes generous rear cutout for cable entry.
- Four (4) wall mount keyholes included.
- Double-hinged for easy rear access.
- Multiple tie points for cable management.
- EIA compliant 10-32 tapped mounting rails.
  - Includes starter pack of 10-32 screws.
- Constructed of 14 gauge formed steel with a recommended weight load of 80 lbs.
- Professional smooth black powder paint.

Part #	Panel Dimensions		Overall Dimensions		
	Height	Units	Height	Width	Depth
APB19007BK1	7.00	4	6.98"	19.25"	12" - 18"
APB19010BK1	10.50	6	10.48"	19.25"	12" - 18"
APB19014BK1	14.00	8	13.98"	19.25"	12" - 18"
APB19021BK1	21.00	12	20.98"	19.25"	12" - 18"
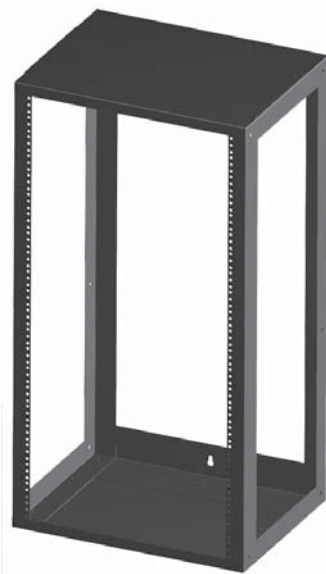
1459 Series - Open Frame
- EIA compliant 10-32 clip nuts mounting rails.
- Suitable for wall or table mounting (with open back).
- Removable top & bottom panels included.

- Four (4) wall mount keyholes included.
- Optional side panels sold separately.
- Comes with rubber feet for table mounting.
- Constructed of 16 gauge formed steel with a recommended weight load of 800 lbs.
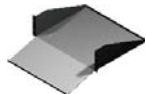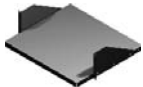- Rugged textured black powder paint finish.

Part #	Panel Dimensions		Overall Dimensions			Side Panels (Sold in Pairs)
	Height	Units	Height	Width	Depth	
1459FBK1	22.75	13	21.12"	24.7"	16.14"	1459FQBK1
1459JBK1	33.25	19	21.12"	35.2"	16.14"	1459JQBK1
1459MBK1	47.25	27	21.12"	49.2"	16.14"	1459MQBK1

Technical references and CAD downloads available at www.hammondmfg.com   All dimensions in inches unless specified otherwise

Rack Accessories
Mounting Shelves

2-Post Mounting Shelves
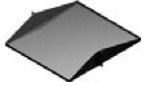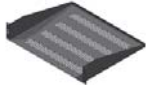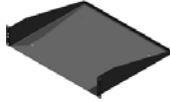
Part No.	Description	Surface Depth	Rated
RASU190107UBK1	1U Cantilever Solid Shelf	7"	40 lbs
RASU190115BK1	1U Cantilever Solid Shelf	15"	40 lbs
RASU190120BK1	1U Cantilever Solid Shelf	20"	40 lbs
RASU190315BK1	2U Cantilever Solid Shelf	15"	100 lbs
RASU190320BK1	2U Cantilever Solid Shelf	20"	100 lbs
RASU190515BK1	3U Cantilever Solid Shelf	15"	200 lbs
RASU190520BK1	3U Cantilever Solid Shelf	20"	200 lbs
RASV190107UBK1	1U Cantilever Vented Shelf	7"	40 lbs
RASV190115BK1	1U Cantilever Vented Shelf	15"	40 lbs
RASV190120BK1	1U Cantilever Vented Shelf	20"	40 lbs
RASV190315BK1	2U Cantilever Vented Shelf	15"	100 lbs
RASV190320BK1	2U Cantilever Vented Shelf	20"	100 lbs
RASV190515BK1	3U Cantilever Vented Shelf	15"	200 lbs
RASV190520BK1	3U Cantilever Vented Shelf	20"	200 lbs
DNDMS19BK1	2U Centerd Solid Shelf	19.5"	200 lbs
DNDMV19BK1	2U Centerd Vented Shelf	19.5"	200 lbs
DNRMA1916BK1	3U Cantilever Solid Adjustable Shelf	16"	275 lbs
DNRMA1920BK1	3U Cantilever Solid Adjustable Shelf	20"	275 lbs
DNRMU19BK1	3U Dual-Channel Solid Shelf	19"	300 lbs
DNRMU1924BK1	3U Dual-Channel Solid Shelf	24"	300 lbs
DNRMV19BK1	3U Dual-Channel Vented Shelf	19"	300 lbs
DNRMV1924BK1	3U Dual-Channel Vented Shelf	24"	300 lbs
DNRMM19BK1	3U Dual-Channel Shelf w/storage	19"	300 lbs
RKBM19BK1	3U Cantilever Keyboard/Monitor Shelf	15"	160 lbs

Technical references and CAD downloads available at www.hammondmfg.com   All dimensions in inches unless specified otherwise

19" Filler Panels
- Install in unused rack space to improve both cooling efficiency and system esthetics.
- Rugged black powder paint finish.
- Smooth paint finish for easy labeling.
- Requires mounting hardware
- Other colors and sizes available

Part No.	Description
PBPS19001BK2	1U Solid Steel Panel
PBPS19003BK2	2U Solid Steel Panel
PBPS19005BK2	3U Solid Steel Panel

Part No.	Description
PPFS19001BK2	1U Steel Perforated Panel
PPFS19003BK2	2U Steel Perforated Panel
PPFS19005BK2	3U Steel Perforated Panel

Part No.	Description
PBFS19001BK2	1U Formed Solid Steel Panel
PBFS19003BK2	2U Formed Solid Steel Panel
PBFS19005BK2	3U Formed Solid Steel Panel

Part No.	Description
PBPA19001BK2	1U Aluminum Steel Panel
PBPA19003BK2	2U Aluminum Steel Panel
PBPA19005BK2	3U Aluminum Steel Panel

PBPS Series
- Solid, flat steel panel
- 14 Gauge steel, More economical than aluminum (PBPA series)
- Standard rack mount punching on both ends

PPFS Series
- Perforated steel panel
- Folded 16 ga. steel construction

PBFS Series
- Solid, flat steel panel
- 16 Gauge steel
- Includes a 0.50" fold, top and bottom for added strength
- Standard rack mount punching on both ends

PBPA Series
- Solid, flat aluminum panel
- 0.125" thick aluminum
- Available in more economical steel version (PBPS series)
- Unfinished version is white paper covered on one side to protect finish
- Standard rack mount punching on both ends

Cable Management Panels
- Requires mounting hardware
- Rugged textured black powder paint finish

Part No.	Description
PCMDD19001BK1	1U Hinged Horizontal Cable Manager (2.5" Overall Depth)
PCMDD19003BK1	2U Hinged Horizontal Cable Manager (2.5" Overall Depth)
PCMDD19005BK1	3U Hinged Horizontal Cable Manager (2.5" Overall Depth)

Part No.	Description
PCMBS19001BK1	1U Steel Ring Panel
PCMBS19003BK1	2U Steel Ring Panel
PCMBS23001BK1	1U Steel Ring Panel 23" Mounting
PCMBS23003BK1	2U Steel Ring Panel 23" Mounting

Part No.	Description
PCMDS19001BK1	1U Hinged Finger Panel
PCMDS19003BK1	2U Hinged Finger Panel
PCMDS19005BK1	3U Hinged Finger Panel

Cable Manager Panel
- Continuous hinged door with magnetic closure strip
- Four oblong openings (3.5" x 1.56") top & bottom - allowing for cable exit top and/or bottom
- Openings in the rear for cable entry/exit
- Standard 19" rack panel mount
- Available in 3 panel heights
- 2.5" overall depth

Ring Panel
- Five steel rings welded to a folded 19" rack panel
- Rings extend 3.5" from panel front

Metal Finger Panel
- 19" rack mount
- Snap open, hinged door
- Rack mount side has five slotted openings
- Extends 3" (not including snap buttons) from rack rails

Please note this is a very small sample of our available panels. We have panels ranging in rack unit size up-to 18U. Visit www.hammondmfg.com for more details.

Data Communication Infrastructure

Technical references and CAD downloads available at www.hammondmfg.com   All dimensions in inches unless specified otherwise