CHATSWORTH PRODUCTS

Cabinet & Enclosure Systems

F-Series TeraFrame® Gen 3 Cabinet

Applications:
Stores servers in multi-tenant and enterprise data centers, computer rooms and network facilities

Key Features:
- International metric footprint
- Wide range of sizes exactly match site requirements
- Supports internal baffles to control front-to-rear or front-to-top airflow
- Wide range of thermal, cable and power management accessories
- Configures and ships with accessories installed
- Adjustable mounting rails
- Marked and numbered rack-mount spaces (U)
- Choice of 6-slide or 4-slide frame
- 561 frame sizes
- UL Listed to NWIN 2416 requirements

Height (11):
- 79.4" (2016 mm), 42U to 96.9" (2460 mm), 52U, in 1U increments

Height includes casters.

Width (3):
- 23.6" (600 mm), 19" EIA
- 27.5" (700 mm), 19" EIA
- 31.5" (800 mm), 19" EIA

Depth (17):
- 35.4" (900 mm) to 51.2" (1300 mm)

In .98" (25 mm) Increments, includes doors

Equipment Load Bearing Capacity:
- 3,000 lb (1360 kg), 6-slide static
- 2,250 lb (1020 kg), 6-slide rolling

Load for 4-slide model is less.

Construction:
- Welded and bolted, steel and aluminum

F-Series TeraFrame® HD Cabinet

Applications:
Safe transportation of up to 3,000 lb (1360 kg) of pre-installed equipment to a data center

Key Features:
- International metric footprint
- Two configurations support front-to-rear and front-to-top airflow
- Ships on a shock pallet with a reusable carton
- Allows a factory integrator to install equipment and cabling prior to delivery to the data center
- Supports quick deployment of equipment into the data center
- Adjustable mounting rails
- Marked and numbered rack-mount spaces (U)
- 6 frame sizes

Height (3):
- 82.5" (2096 mm), 42U
- 87.7" (2228 mm), 45U
- 91.2" (2316 mm), 47U

Height includes casters.

Width (1):
- 23.6" (600 mm), 19" EIA

Depth (2):
- 46.1"D (1172 mm) or 51.0"D (1297 mm)

Equipment Load Bearing Capacity:
- 3,000 lb (1360 kg) static
- 3,000 lb (1360 kg) rolling
- 3,000 lb (1360 kg) shipping

Construction:
- Welded and bolted, steel and aluminum

N-Series TeraFrame® Gen 3 Cabinet System

Applications:
Stores network switches in multi-tenant and enterprise data centers, computer rooms and network facilities

Key Features:
- International metric footprint
- Wide range of sizes exactly match site requirements
- Engineered solution designed for high-density network and storage switches and cabling
- Frame design provides maximum flexibility for mounting equipment and accessories
- A universal solution for side airflow switches that provides complete separation of hot and cold air within the cabinet
- Order pre-configured for front-to-rear, front-to-top, side-to-rear or side-to-top airflow
- Adjustable mounting rails
- Marked and numbered rack-mount spaces (U)
- 198 frame sizes
- UL Listed to NWIN 2416 requirements

Height (11):
- 78.1" (1984 mm), 42U to 95.6" (2429 mm), 52U, in 1U increments

Height includes casters.

Width (3):
- 31.5" (800 mm), 19" EIA
- 40.0" (1016 mm), 19" EIA

Depth (9):
- 43.3" (1100 mm) to 51.2" (1300 mm)

In .98" (25 mm) Increments, includes doors

Equipment Load Bearing Capacity:
- 2,500 lb (1134 kg), static load on leveling feet

Construction:
- Welded and bolted, steel and aluminum

GF-Series GlobalFrame® Gen 2 Cabinet

Applications:
Industry-standard cabinet for computer and equipment rooms

Key Features:
- International metric footprint
- Industry-standard sizes match most popular applications
- Two configurations support front-to-rear or front-to-top airflow
- Select models ship on a shock pallet for reshipping with equipment installed
- Adjustable mounting rails
- Marked and numbered rack-mount spaces (U)
- 60 frame sizes
- UL Listed to NWIN 2416 requirements

Height (4):
- 79.4" (2016 mm), 42U
- 84.6" (2149 mm), 45U
- 89.9" (2282 mm), 48U
- 96.9" (2460 mm), 52U

Height includes casters.

Width (4):
- 23.6" (600 mm), 19"EIA
- 27.6" (700 mm), 19"EIA
- 29.5" (750 mm), 19"EIA
- 31.5" (800 mm), 19"EIA

Depth (5):
- 35.4" (900 mm)
- 43.3" (1100 mm)
- 45.3" (1150 mm)
- 47.3" (1200 mm)
- 51.2" (1300 mm)

Depth includes doors.

Equipment Load Bearing Capacity:
- 3,000 lb (1360 kg) static
- 2,250 lb (1020 kg) rolling
- 2,000 lb (907.2 kg) shipping

Construction:
- Welded and bolted, steel and aluminum

Z4-Series SeismicFrame® Cabinet System

Applications:
Secure and protect critical servers located in seismically active areas

Key Features:
- International metric footprint
- Multiple sizes to match site requirements
- Industry-leading 1,500 lb (680 kg) seismic equipment load
- Simplified installation only requires floor anchorage, eliminating the requirement for costly engineering calculations for external bracing
- Wide range of thermal and cable management accessories
- Includes transport casters for moving cabinets into place
- Adjustable mounting rails
- Marked and numbered rack-mount spaces (U)
- 8 frame sizes
- UL Listed to NWIN 2416 requirements
- California OSHPD OPM-0112-13

Height (2):
- 78.7" (1999 mm), 40U
- 83.9" (2132 mm), 43U

Height includes casters.

Width (2):
- 23.6" (600 mm), 19" EIA
- 31.5" (800 mm), 19" EIA

Depth (2):
- 45.1" (1146 mm)
- 51.1" (1296 mm)

Depth includes doors.

Equipment Load Bearing Capacity:
- 1,500 lb (680 kg) seismic equipment load

Construction:
- Welded and bolted, steel

MegaFrame® & SlimFrame® Cabinet

Applications:
General purpose cabinets for sites with limited or difficult access

Key Features:
- Can be delivered partially assembled
- Lightweight aluminum construction
- SlimFrame is 24" (610 mm) wide to match access floor tiles in the United States
- MegaFrame is wider to provide extra space for cables
- Seismic-rated and co-location models also available
- Adjustable mounting rails
- Marked and numbered rack-mount spaces (U)
- 30 frame sizes
- UL Listed to NWIN (MegaFrame)

Height (3):
- 72" (1830 mm), 38U/37U
- 78" (1980 mm), 42U/40U
- 84" (2130 mm), 45U/43U

Casters not included.

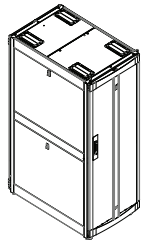
Width (3):
- 27.3" (694 mm), 19"EIA
- 31.3" (796 mm), 23" or 19" EIA
- 24" (610 mm), 19" EIA

Depth (5):
- 27.6" (702 mm)
- 33.6" (854 mm)
- 39.6" (1006 mm)
- 42.6" (1083 mm)
- 25.5" (648 mm)

Depth includes doors.

Equipment Load Bearing Capacity:
- 2,000 lb (907.2 kg) static

Construction:
- Bolted, aluminum



F-Series TeraFrame® Gen 3 Cabinet

23.6"W (600 mm), 19"EIA, Glacier White

Part No.	Description	Wt. lb (kg)
FF1N-113B-E42-B	84.6"H x 23.6"W x 47.3"D, 45U 2149 mm x 600 mm x 1200 mm	386 (175.1)
FF1U-113B-E42-B	84.6"H x 23.6"W x 51.2"D, 45U 2149 mm x 600 mm x 1300 mm	403 (182.8)
FF1U-111B-E52-B	84.6"H x 23.6"W x 51.2"D, 45U 2149 mm x 600 mm x 1300 mm w/ Vertical Exhaust Duct, 20"-34"H (508 mm – 863 mm)	422 (191.4)
FF1U-111C-E62-B	84.6"H x 23.6"W x 51.2"D, 45U 2149 mm x 600 mm x 1300 mm w/ Vertical Exhaust Duct, 34"-60"H (863 mm – 1523 mm)	432 (196.0)
FF1U-111C-E72-B	84.6"H x 23.6"W x 51.2'D, 45U 2149 mm x 600 mm x 1300 mm w/ Vertical Exhaust Duct, 14"-20"H (356 mm - 508 mm)	432 (196.0)

31.5"W (800 mm), 19" EIA, Glacier White

Part No.	Description	Wt. lb (kg)
FF3U-113B-E42-B	84.6"H x 31.5"W x 51.2"D, 45U 2149 mm x 800 mm x 1300 mm	440 (199.6)

Cabinets that include Vertical Exhaust Duct also include a Bottom Panel. Also available in Black.

Accessories

Vertical Cable Managers

Part No.	Description	Wt. lb (kg)
39120-E03	Finger Cable Manager, Short, 4"D (102 mm) for 45U x 23.6"W (600 mm) cabinet	22 (10)
39112-E25	Finger Cable Manager, 8.4"D (213 mm) for 45U x 31.5"W (800 mm) cabinet	23 (10.4)
39124-E03	Cable Lashing Bracket for for 45U cabinet, 1.6"W (41 mm)	4 (1.8)
39087-E03	Ring Cable Manager for 45U x 23.6"W (600 mm) cabinet	14 (6.4)
39089-E03	Ring Cable Manager for 45U x 31.5"W (800 mm) cabinet	14 (6.4)
39077-E00	Front-to-Rear Cable Manager for 31.5"W (800 mm) cabinet	6 (2.7)
39221-E03	Full Height Dual PDU Bracket, Wide, for 45U cabinet, 5.8"W (147 mm)	11 (5.0)

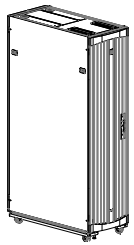
Thermal Management

Part No.	Description	Wt. lb (kg)
39085-E03	Air Dam for 45U x 23.6"W (600 mm) cabinet	11 (5.0)
39132-E00	Bottom Panel for 23.6"W (600 mm) cabinet	23 (10.4)
34537-E00	Snap-In Filler Panel, 1U	1 (0.5)
34538-E00	Snap-In Filler Panel, 2U	2 (0.9)

Use Air Dam and Bottom Panel together. Bottom Panel is included with cabinets that have a Vertical Exhaust Duct.

Equipment Mounting Hardware

Part No.	Description	Wt. lb (kg)
12637-001	M6 Cage Nuts/Screws (25)	1 (0.5)



F-Series TeraFrame® HD Cabinet

23.6"W (600 mm), 19"EIA, Black

Part No.	Description	Wt. lb (kg)
FHD-C1M-113B-C42	82.5"H x 23.6"W x 46.1"D, 42U 2096 mm x 600 mm x 1172 mm	482 (218.6)
FHD-C1U-113B-C42	82.5"H x 23.6"W x 51.0"D, 42U 2096 mm x 600 mm x 1297 mm	498 (225.9)
FHD-C1U-111B-C52	82.5"H x 23.6"W x 51.0"D, 42U 2096 mm x 600 mm x 1297 mm w/ Vertical Exhaust Duct, 20"-34"H (508 mm – 863 mm)	508 (230.4)
FHD-C1U-111B-C62	82.5"H x 23.6"W x 51.0"D, 42U 2096 mm x 600 mm x 1297 mm w/ Vertical Exhaust Duct, 34"-60"H (863 mm – 1523 mm)	525 (238.1)

Accessories

Vertical Cable Managers

Part No.	Description	Wt. lb (kg)
16273-C02	Cable Lashing Bracket for 42U cabinet, 5"W (125 mm)	12 (5.4)

Thermal Management

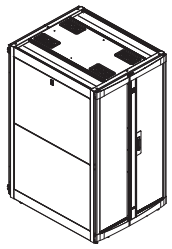
Part No.	Description	Wt. lb (kg)
16278-C01	Bottom Panel	19 (8.6)
16270-C02	Air Dam Kit for 42U x 23.6"W (600 mm) cabinet	12 (5.4)
34537-000	Snap-In Filler Panel, 1U	1 (0.5)
34538-000	Snap-In Filler Panel, 2U	2 (0.9)

Equipment Mounting Hardware

Part No.	Description	Wt. lb (kg)
12637-001	M6 Cage Nuts/Screws (25)	1 (0.5)
12637-C01	#10-32 Cage Nuts/Screws (25)	1 (0.5)
12639-001	#12-24 Cage Nuts/Screws (25)	1 (0.5)

Installation

Part No.	Description	Wt. lb (kg)
16280-C01	Unloading Ramp, 1 req. per site	185 (83.9)
16279-C01	Bolt Down Kit, 1 req. per cabinet	14 (6.4)



N-Series TeraFrame® Gen 3 Cabinet System

31.5"W (800 mm), 19"EIA, Glacier White

Part No.	Description	Wt. lb (kg)
NF1N-113C-E42-1	83.4"H x 31.5"W x 47.3"D, 45U 2117 mm x 800 mm x 1200 mm	435 (197.3)
NF1U-113C-E42-1	83.4"H x 31.5"W x 51.2"D, 45U 2117 mm x 800 mm x 1300 mm	449 (203.7)
NF1U-114C-E52-1	83.4"H x 31.5"W x 51.2"D, 45U 2117 mm x 800 mm x 1300 mm w/ Vertical Exhaust Duct, 20"-34"H (508 mm – 863 mm)	490 (222.3)
NF1U-114C-E62-1	83.4"H x 31.5"W x 51.2"D, 45U 2117 mm x 800 mm x 1300 mm w/ Vertical Exhaust Duct, 34"-60"H (863 mm – 1523 mm)	506 (229.5)
NF1U-114C-E72-1	83.4"H x 31.5"W x 51.2"D, 45U 2117 mm x 800 mm x 1300 mm w/ Vertical Exhaust Duct, 14"-20"H (356 mm – 508 mm)	482 (218.6)

40.0"W (1016 mm), 19"EIA, Glacier White

Part No.	Description	Wt. lb (kg)
NF5U-113C-E42-1	83.4"H x 40.0"W x 51.2"D, 45U 2117 mm x 1016 mm x 1300 mm	528 (239.5)

Cabinets include an internal side air intake duct for switches. Cabinets that include Vertical Exhaust Duct also include a Bottom Panel. Also available in Black.

Accessories

Vertical Cable Managers

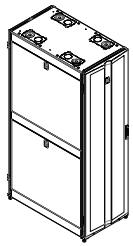
Part No.	Description	Wt. lb (kg)
39128-E03	Ring Cable Manager, for 45U x 31.5"W (800 mm) cabinet	14 (6.4)
39129-E03	Ring Cable Manager, for 45U x 40.0"W (1016 mm) cabinet	14 (6.4)
39381-E03	Cable Lashing Bracket, for 45U cabinet, 9.8"W (250 mm)	21 (9.5)
39377-E01	Telescoping Cable Manager for 31.5"W (800 mm) cabinet, 2.5"H x 2.6"D (64 mm x 173 mm)	5 (2.3)
39377-E02	Telescoping Cable Manager, for 40.0"W (1016 mm) cabinet, 3.3"H x 6.8"D (84 mm x 173 mm)	5 (2.3)
39327-E01	Radius Drop, for 31.5"W (800 mm) cabinet, 11"L (279 mm)	1 (.05)
39221-E03	Full Height Dual PDU Bracket, Wide, for 45U cabinet, 5.8"W (147 mm)	11 (5.0)

Thermal Management

Part No.	Description	Wt. lb (kg)
34537-E00	Snap-In Filler Panel, 1U	1 (0.5)
34538-E00	Snap-In Filler Panel, 2U	2 (0.9)

Equipment Mounting Hardware

Part No.	Description	Wt. lb (kg)
12637-001	M6 Cage Nuts/Screws (25)	1 (0.5)



GF-Series GlobalFrame® Gen 2 Cabinet

23.6"W (600 mm), 19"EIA, Glacier White

Part No.	Description	Wt. lb (kg)
GF-1A520-EB	79.4"H x 23.6"W x 47.3"D, 42U 2016mm x 600 mm x 1200 mm	336 (152.4)
GF-1A420-EB	79.4"H x 23.6"W x 51.2"D, 42U 2016mm x 600 mm x 1300mm	358 (162.4)
GF-1A421-EB	79.4"H x 23.6"W x 51.2"D, 42U 2016 mm x 600 mm x 1300 mm w/ Vertical Exhaust Duct, 20"-34"H (508 mm – 863 mm)	378 (171.5)
GF-1A422-EB	79.4"H x 23.6"W x 51.2"D, 42U 2016 mm x 600 mm x 1300 mm w/ Vertical Exhaust Duct, 34"-60"H (863 mm – 1523 mm)	392 (177.8)
GF-1A422-EB	79.4"H x 23.6"W x 51.2"D, 42U 2016 mm x 600 mm x 1300 mm 34"-60"H (863 mm – 1523 mm)	392 (177.8)

31.5"W (800 mm), 19"EIA, Glacier White

Part No.	Description	Wt. lb (kg)
GF-1C220-EB	79.4"H x 31.5"W x 43.3"D, 42U 2016 mm x 800 mm x 1100 mm	383 (173.7)
GF-1C420-EB	79.4"H x 31.5"W x 41.2"D, 42U 2016 mm x 800 mm x 1300 mm	479 (217.3)

Cabinets that include Vertical Exhaust Duct also include a Bottom Panel. Also available in Black.

Accessories

Vertical Cable Managers

Part No.	Description	Wt. lb (kg)
39087-E00	Ring Cable Manager, 4.5"D (114 mm) for 42U x 23.6"W (600 mm) cabinet	2 (0.9)
39089-E00	Ring Cable Manager, 5.0"D (127 mm) for 42U x 31.5"W (800 mm) cabinet	6 (2.7)
39124-E00	Cable Lashing Bracket for 42U cabinet, 1.6"W (41 mm)	11 (5.0)

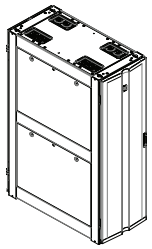
Thermal Management

Part No.	Description	Wt. lb (kg)
39085-E00	Air Dam, 42U x 23.6"W (600 mm) cabinet	2 (0.9)
39080-E00	Bottom Panel, 23.6"W (600 mm) cabinet	2 (0.9)
39133-001	Equipment Rail Grommet Kit, for 31.5"W (800 mm) cabinets, 8 grommets, black	2 (0.9)
34537-E00	Snap-In Filler Panel, 1U	1 (0.5)
34538-E00	Snap-In Filler Panel, 2U	2 (0.9)

Use Air Dam and Bottom Panel together. Bottom Panel is included with cabinets that have a Vertical Exhaust Duct.

Equipment Mounting Hardware

Part No.	Description	Wt. lb (kg)
12637-001	M6 Cage Nuts/Screws (25)	1 (0.5)



Z4-Series SeismicFrame® Cabinet System

23.6"W (600 mm), 19"EIA, Black

Part No.	Description	Wt. lb (kg)
Z4-21N-113C-C12	83.9"H x 23.6"W x 45.1"D, 43U 2132 mm x 600 mm x 1145 mm	525 (238)
Z4-21U-113C-C12	83.9"H x 23.6"W x 51.1"D, 43U 2132 mm x 600 mm x 1296 mm	551 (249.9)
Z4-22N-113C-C12	83.9"H x 31.5"W x 45.1, 43U 2132 mm x 800 mm x 1145 mm	604 (273.8)
Z4-22U-113C-C12	83.9"H x 31.5"W x 51.1"D, 43U 2132 mm x 800 mm x 1296 mm	631 (286.4)

Also available in Glacier White.

Accessories

Vertical Cable Managers

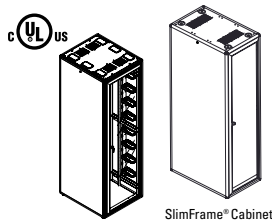
Part No.	Description	Wt. lb (kg)
14440-C01	Ring Cable Manager, for 43U x 23.6"W (600 mm) cabinet	13 (5.9)
14445-C01	Ring Cable Manager, for 43U x 31.5"W (800 mm) cabinet	13 (5.9)
14465-C01	Cable Lashing Bracket, for 43U cabinet, 1.6"W (41 mm)	3 (1.4)
14485-C00	Front-to-Rear Cable Manager, for 31.5"W (800 mm) cabinet	6 (2.7)
14481-C01	Full Height Dual PDU Bracket, Wide, for 43U cabinet, 5.8"W (147 mm)	11 (5.0)

Thermal Management

Part No.	Description	Wt. lb (kg)
14435-C01	Air Dam, 43U x 23.6"W (600 mm) cabinet	14 (6.4)
14435-C03	Air Dam, 43U x 31.5"W (800 mm) cabinet	21 (9.5)
39133-001	Equipment Rail Grommet Kit, for 31.5"W (800 mm) cabinets, 8 grommets	2 (0.9)
34537-000	Snap-In Filler Panel, 1U	1 (0.5)
34538-000	Snap-In Filler Panel, 2U	2 (0.9)

Equipment Mounting Hardware

Part No.	Description	Wt. lb (kg)
12637-001	M6 Cage Nuts/Screws (25)	1 (0.5)



MegaFrame® Cabinet

SlimFrame® Cabinet

MegaFrame® & SlimFrame® Cabinet

27.3"W (694 mm), 19"EIA, M-Series MegaFrame, Black

Part No.	Description	Wt. lb (kg)
M1033-741	84.0"H x 27.3"W x 33.6"D, 45U 2130 mm x 694 mm x 854 mm	246 (111.6)
M1053-741	84.0"H x 27.3"W x 39.6"D, 45U 2130 mm x 694 mm x 1006 mm	266 (120.7)
M1043-741	84.0"H x 27.3"W x 42.6"D, 45U 2130 mm x 694 mm x 1083 mm	276 (125.2)

24"W (610 mm), 19"EIA, C-Series SlimFrame, Black

Part No.	Description	Wt. (lb/kg)
C1033-741	84.0"H x 24"W x 33.6"D, 43U 2130 mm x 610 mm x 854 mm	237 (107.5)
C1053-741	84.0"H x 24"W x 39.6"D, 43U 2130 mm x 610 mm x 1006 mm	228 (103.4)

Also available in Gray and Computer Beige.

Accessories

Vertical Cable Managers

Part No.	Description	Wt. lb (kg)
12465-707	Vertical Cable Manager for 45U M-Series MegaFrame	7 (3.2)
11809-700	Narrow Vertical Cable Manager for 43U C-Series SlimFrame	5 (2.3)

Enhanced Vertical Cable Managers

Part No.	Description	Wt. lb (kg)
13171-700	Enhanced Vertical Cable Managers for 45U M-Series MegaFrame	11 (5.0)
13169-701	Front-to-Back Horizontal Manager	3 (1.4)

Thermal Management

Part No.	Description	Wt. lb (kg)
13336-710	Air Dam Kit	11 (5.0)
34537-000	Snap-In Filler Panel, 1U	1 (0.5)
34538-000	Snap-In Filler Panel, 2U	2 (0.9)

Equipment Mounting Hardware

Part No.	Description	Wt. lb (kg)
12637-001	M6 Cage Nuts/Screws (25)	1 (0.5)
12638-001	#10-32 Cage Nuts/Screws (25)	1 (0.5)
12639-001	#12-24 Cage Nuts/Screws (25)	1 (0.5)

CHATSWORTH PRODUCTS

CPI's online Product Configurator is an easy-to-use confidential tool that guides you through the steps and selections necessary to create customized systems. Check out the Product Configurator at www.chatsworth.com/configurator.

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