# Product Cut Sheet

# M-SERIES MEGAFRAME® CABINET SYSTEM

The M-Series MegaFrame® Cabinet System is made from aluminum and can be shipped partially assembled in a reduced package size making it easier to move and store when space is limited on the job site. The M-Series MegaFrame Cabinet System supports a vast array of potential applications. The cabinet is available in a variety of sizes to match equipment and facility requirements.

**Specifications:**

- Available in two widths, three heights and four depths (24 frame sizes)
- Provides front and rear support for 19" EIA or 23" wide equipment
- Mounting rails are fully adjustable and rack-mount units (U) are marked and numbered to simplify equipment installation
- Includes one vertical cable manager, one mounting bracket kit for a vertical power distribution unit (PDU), one baying kit, leveling feetand floor attachment clamps
- Order with or without a top panel, side panels and doors
- Top panels have six cable access holes and a vented center area that accepts an accessory fan kit
- Side panels are solid and include a keyed lock
- Doors are available in a variety of solid or vented styles, are reversible to open from the right or left and include a keyed lock
- Aluminum frame, bolted construction: delivers partially or fully assembled
- Load rating: 2000 lb (907.2 kg)
- UL Listed

| Height Dimensions | | | |
|---|---|---|---|
| **All Cabinet Styles** | **72" (1830 mm)** | **78" (1980 mm)** | **84" (2130 mm)** |
| Usable Vertical Panel Space | 38 RMU, 66.50" (1689.1 mm) | 42 RMU, 73.50" (1866.9 mm) | 45 RMU, 78.75" (2000.3 mm) |
| Overall Height without Leveling Feet | 72.02" (1829.3 mm) | 78.02" (1981.7 mm) | 84.02" (2130.0 mm) |
| Overall Height with Leveling Feet | 72.92" (1852.2 mm) | 78.92" (2004.6 mm) | 84.92" (2157.0 mm) |
| Overall Height with Casters | 75.70" (1922.8 mm) | 81.70" (2075.2 mm) | 87.70" (2230.0 mm) |
| Frame Vertical Opening | 67.90" (1724.7 mm) | 73.90" (1877.1 mm) | 79.90" (2029.5 mm) |

| Width Dimensions | | |
|---|---|---|
| **Usable Equipment Panel Width** | **19" EIA** | **23" EIA** |
| Overall Width | 27.32" (693.9 mm) | 31.32" (795.5 mm) |
| Frame Horizontal Opening | 20.20" (513.1 mm) | 24.20" (614.7 mm) |

| Depth Dimension Cabinet Only (With Doors) | | | | |
|---|---|---|---|---|
| **Nominal Cabinet Depth** | **24" (610 mm)** | **30" (760 mm)** | **36" (910 mm)** | **39" (990 mm)** |
| Maximum Mounting Depth - Rail to Rail | 24.00" (609.6 mm) | 30.00" (762.0 mm) | 36.00" (914.4 mm) | 39.00" (990.6 mm) |
| Overall Depth - Inside Door to Inside Door | 27.22" (691.4 mm) | 33.22" (843.8 mm) | 39.22" (996.2 mm) | 42.22" (1072.4 mm) |
| Overall Depth - Door Face to Door Face | 27.62" (701.5 mm) | 33.62" (853.9 mm) | 39.62" (1006.3 mm) | 42.62" (1082.5 mm) |

| Depth Dimension Frame Only (Without Doors) | | | | |
|---|---|---|---|---|
| **Nominal Cabinet Depth** | **24" (610 mm)** | **30" (760 mm)** | **36" (910 mm)** | **39" (990 mm)** |
| Maximum Mounting Depth - Rail to Rail | 24.00" (609.6 mm) | 30.00" (762.0 mm) | 36.00" (914.4 mm) | 39.00" (990.6 mm) |
| Overall Depth | 26.13" (663.7 mm) | 32.13" (816.1 mm) | 38.13" (968.5 mm) | 41.13" (1044.7 mm) |

| Shipping Weights: | 72" (1830 mm) | 78" (1980 mm) | 84" (2130 mm) |
|---|---|---|---|
| Minimum | 152 lb (68.9 kg) | 152 lb (68.9 kg) | 155 lb (70.3 kg) |
| Maximum | 251 lb (113.9 kg) | 262 lb (118.8 kg) | 287 lb (130.2 kg) |

**Each Cabinet Includes:**

(1) Four-Post Frame (anodized aluminum finish)
(4) Vertical Mounting Rails
(2) Locking, East-To-Remove Side Panels
(1) Locking, Reversible Front Door
(1) Locking, Reversible Rear Door
(1) Vented Top Panel & Six Cable Access Ports
(2) Vertical Half-Height Cable Manager
(1) Vertical PDU Mounting Bracket Kit
(4) Leveling Feet
(1) Multi-Bay Attachment Hardware Kit
(4) Floor Anchor Clamps
(1) Bag of Mounting Hardware:
- Tapped Rails: (50) #12-24 screws
- Square-punched rails: (16) M6 and (25) #12-24 cage nuts and screws

800-834-4969 in U.S. & Canada • www.chatsworth.com

**US & Canada**
+1-800-834-4969
Toronto, Ontario, Canada
+905-850-7770
chatsworth.com

**Latin America**
+52-55-5203-7525
Toll Free within Mexico
01-800-01-7592
chatsworth.com.co

**Europe**
+44-1628-524-834
chatsworthproducts.co.uk

**Middle East & Africa**
Dubai, UAE
+971-4-2602125
chatsworthproducts.co.uk

**Asia Pacific**
+86 21 6880-0266
chatsworth.com.cn

techsupport@chatsworth.com

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# M-SERIES MEGAFRAME® CABINET SYSTEM

## Part Number Configurator

When ordering an **M-Series Cabinet,** the part number is always preceded by the letter **M**.

**1st Digit - Width**
How wide is your equipment mounting requirement?

**2nd Digit - Height**
How tall a cabinet do you need? Call tech support for 8′ (2.4 m) cabinet part numbers.

**3rd Digit - Depth**
What is your maximum mounting depth requirement?

**4th Digit - Cabinet Style**
Choose your rail style and panel requirement. CPI offers tapped 12-24, square-punched vertical mounting rails, Sun® and IBM® rails. Rails are also available in half heights as an accessory.

**5th Digit - Color**
Color refers to side panels, vertical mounting rails and metal/perforated metal door panels. Frame is anodized aluminum.

**6th Digit - Doors**
Appearance and ventilation requirements will determine your door style. The plexiglass door is a "smoked" plexiglass.

**7th Digit - Shipping**
CPI Cabinets are available partially assembled (or "knocked down") and fully assembled.

Cabinets are also available as a frame only (bottom matrix). For further assistance call 800-834-4969.

### CABINET - 72", 78" and 84" Heights (1830 mm, 1980 mm and 2130 mm)

Example Cabinet Part Number: M1221-112

| prefix | 1st digit | 2nd digit | 3rd digit | 4th | 5th digit | 6th digit | 7th digit | |
|---|---|---|---|---|---|---|---|---|
| **M** | **Width**<br>1=19"<br>2=23" | **Height**<br>0=84" (2130 mm)<br>1=78" (1980 mm)<br>2=72" (1830 mm) | **Depth**<br>2=24" (610 mm)<br>3=30" (760 mm)<br>4=39" (990 mm)<br>5=36" (910 mm) | | **Style**<br>0,1,3,4 | **Color****<br>1=Gray<br>2=Computer Beige<br>7=Black | **Doors**<br>0, 1, 2, 3, 4 | **Shipping**<br>1=Knocked Down<br>2=Assembled |

**Cabinet Style**
0=Tapped rails, top & side panels
1=Tapped rails, top & no side panels
3=Square-punched rails, top & sides
4=Square-punched rails, top, no sides

**Doors**
0=No front or rear doors
1=Plexiglass front/metal rear
2=Metal front/metal rear
3=Vented plexiglass front/perforated metal rear
4=Perforated metal front/perforated metal rear

(Perforated metal doors are 63% open for high airflow)

### FRAME ONLY - 72", 78" and 84" (1830 mm, 1980 mm and 2130 mm) Frame Selections - No Tops, Side or Doors

Example Frame Part Number: M1222-102

| prefix | 1st digit | 2nd digit | 3rd digit | 4th digit | 5th digit | 6th digit | 7th digit | |
|---|---|---|---|---|---|---|---|---|
| **M** | **Width**<br>1=19"<br>2=23" | **Height**<br>0=84" (2130 mm)<br>1=78" (1980 mm)<br>2=72" (1830 mm) | **Depth**<br>2=24" (610 mm)<br>3=30" (760 mm)<br>4=39" (990 mm)<br>5=36" (910 mm) | | **Style**<br>2, 5 | **Color****<br>1=Gray<br>2=Computer Beige<br>7=Black | **Doors**<br>0=None | **Shipping**<br>1=Knocked Down<br>2=Assembled |

**Cabinet Style**
2=Tapped rails, no top or side panels
5=Square-Punched rails, no top or side panels

**Server rail styles are only available on cabinets 36" (910 mm) or 39" (990 mm) in depth.*
***Color refers to mounting rails side panels and metal/perforated metal door panels. Frame is silver-colored anodized aluminum.*



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