

# 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 feet and 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

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