

## Modular Freestanding Enclosures



Type 12 Mild Steel Modular Freestanding Enclosure  
HME Series  
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Type 12 Mild Steel Two Door Modular Freestanding  
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Type 12 Mild Steel Modular Freestanding Disconnect  
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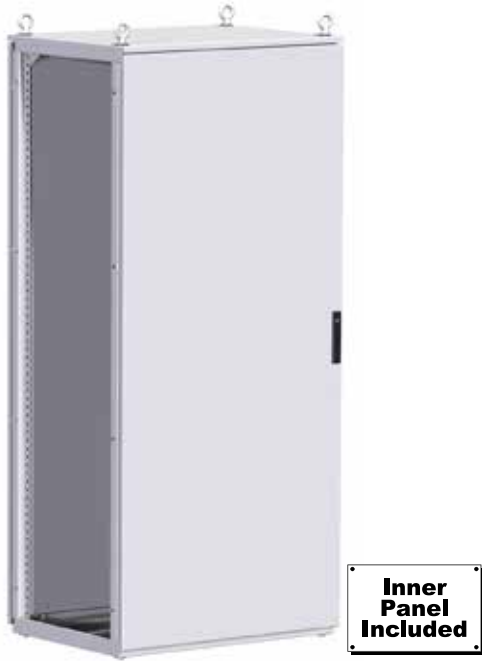


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## Type 12 Mild Steel Modular Freestanding Enclosure *HME Series*

Hinge Door w/ Various Handle Options



Quick Link: [hammfg.com/HME](http://hammfg.com/HME)

### Application

- The HME product line provides users with a rugged housing for industrial control and operator interface in industrial environments.
- Modular design permits joining of units together for large scale and mixed use applications.
- Frame's 25mm hole pattern provides extensive component and accessory mounting flexibility.
- A broad range of industry standard sizes are offered.

### Standards

- UL 508A Type 12
- CSA Type 12
- Complies with
  - NEMA Type 12
  - IEC 60529 IP54

### Configuration

- Frame
- Removable solid top panel
- Lifting eyebolts (4)
- Removable bottom panel w/gland plates
- Solid front door with door frame
- Removable rear cover panel
- Inner mounting panel

### Construction

- Formed 14 gauge steel.
- Fully welded frame with 25mm hole pattern for superior mounting flexibility.
- Foam gasket on all openings provides a dust-tight seal.
- Reinforced eyebolts are provided for easy enclosure lifting.
- Frames can be joined together with an optional joining kit.
- Doors can be easily interchanged, removed and/or reversed.
- Door opening 135°.
- Optional formed 14 gauge steel side panels are sold separately (in pairs).
- Bonding and grounding studs are provided for all doors and panels.

### Finish

- Phosphatized and finished in RAL 7035 light gray powder coating.
- Inner panel is unpainted galvanized 12 gauge steel.

### Accessories

- Side Mounting Inner Panels...*See Page 142*
- Side Mounting Barrier Panels...*See Page 142*
- Additional Inner Panels...*See Page 141*
- Bridge Panel...*See Page 143*
- Grid System...*See Page 140*
- 19" Rails and Width Adaptor Kit...*See Page 145*
- HME Handles...*See Page 147*
- Frame Joining Kit...*See Page 137*
- Side Panels...*See Page 137*
- Plinth...*See Page 136*
- Climate Control...*See Page 234*
- Lighting...*See Page 298*
- Additional HME Accessories...*See Page 136*
- General Accessories...*See Page 268*

## Type 12 Mild Steel Modular Freestanding Enclosure *HME Series*

### Hinge Door w/ Various Handle Options

Part No.	Enclosure			Inner Panel	
	H	W	D	H	W
HME1465	1400	600	500	1296	499
HME1466	1400	600	600	1296	499
HME1468	1400	600	800	1296	499
HME1485	1400	800	500	1296	699
HME1486	1400	800	600	1296	699
HME1488	1400	800	800	1296	699
HME1665	1600	600	500	1496	499
HME1666	1600	600	600	1496	499
HME1668	1600	600	800	1496	499
HME1685	1600	800	500	1496	699
HME1686	1600	800	600	1496	699
HME1688	1600	800	800	1496	699
HME1864	1800	600	400	1696	499
HME1865	1800	600	500	1696	499
HME1866	1800	600	600	1696	499
HME1868	1800	600	800	1696	499
HME1884	1800	800	400	1696	699
HME1885	1800	800	500	1696	699
HME1886	1800	800	600	1696	699
HME1888	1800	800	800	1696	699
HME18104	1800	1000	400	1696	899
HME18105	1800	1000	500	1696	899
HME18106	1800	1000	600	1696	899
HME18108	1800	1000	800	1696	899

Note: Table dimensions in mm.

Part No.	Overall Dimensions			Inner Panel	
	H	W	D	H	W
HME2045	2000	400	500	1896	299
HME2064	2000	600	400	1896	499
HME2065	2000	600	500	1896	499
HME2066	2000	600	600	1896	499
HME2068	2000	600	800	1896	499
HME2084	2000	800	400	1896	699
HME2085	2000	800	500	1896	699
HME2086	2000	800	600	1896	699
HME2088	2000	800	800	1896	699
HME20105	2000	1000	500	1896	899
HME20106	2000	1000	600	1896	899
HME20108	2000	1000	800	1896	899
HME2246	2200	400	600	2096	299
HME2265	2200	600	500	2096	499
HME2266	2200	600	600	2096	499
HME2285	2200	800	500	2096	699
HME2286	2200	800	600	2096	699
HME2288	2200	800	800	2096	699
HME22105	2200	1000	500	2096	899
HME22106	2200	1000	600	2096	899

Note: Table dimensions in mm.

## Type 12 Mild Steel Two Door Modular Freestanding Enclosure *HME Series*

Hinge Door w/ Various Handle Options



Quick Link: [hammfg.com/HMET](http://hammfg.com/HMET)

### Application

- The HMET 2 door product line provides users with a rugged housing for industrial control and operator interface in industrial environments.
- Modular design permits joining of units together for large scale and mixed use applications.
- Frame's 25mm hole pattern provides extensive component and accessory mounting flexibility.
- A broad range of industry standard sizes are offered.

### Standards

- UL 508A Type 12
- CSA Type 12
- Complies with
  - NEMA Type 12
  - IEC 60529 IP54

### Configuration

- Frame
- Removable solid top panel
- Lifting eyebolts (4)
- Removable bottom panel w/gland plates
- Two overlapping solid front doors with door frames
- Removable rear cover panels (1 or 2 depending on width) with welded rear center post on units 1000 mm and wider.
- Full width inner mounting panel

### Construction

- Formed 14 gauge steel.
- Fully welded frame with 25mm hole pattern for superior mounting flexibility.
- Foam gasket on all openings provides a dust-tight seal.
- Reinforced eyebolts are provided for easy enclosure lifting.
- Frames can be joined together with an optional joining kit.
- Doors can be easily interchanged, removed and/or reversed.
- Door opening 135°.
- Optional formed 14 gauge steel side panels are sold separately (in pairs).
- Bonding and grounding studs are provided for all doors and panels.

### Finish

- Phosphatized and finished in RAL 7035 light gray powder coating.
- Inner panel is unpainted galvanized 12 gauge steel.

### Accessories

- Side Mounting Inner Panels...*See Page 142*
- Side Mounting Barrier Panels...*See Page 142*
- Additional Inner Panels...*See Page 141*
- Bridge Panel...*See Page 143*
- Grid System...*See Page 140*
- HME Handles...*See Page 147*
- Frame Joining Kit...*See Page 137*
- Side Panels...*See Page 137*
- Plinth...*See Page 136*
- Climate Control...*See Page 234*
- Lighting...*See Page 298*
- Additional HME Accessories...*See Page 136*
- General Accessories...*See Page 268*

## Type 12 Mild Steel Two Door Modular Freestanding Enclosure *HME Series*

### Hinge Door w/ Various Handle Options

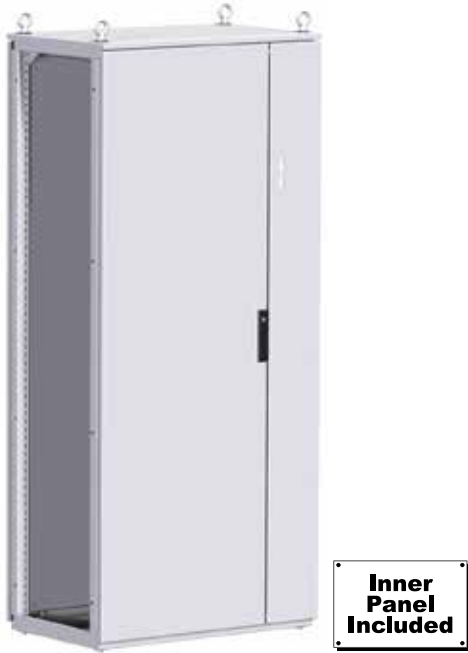
Part No.	Enclosure			Inner Panel	
	H	W	D	H	W
HMET14125	1400	1200	500	1296	1099
HMET14126	1400	1200	600	1296	1099
HMET14128	1400	1200	800	1296	1099
HMET16125	1600	1200	500	1496	1099
HMET16126	1600	1200	600	1496	1099
HMET16128	1600	1200	800	1496	1099
HMET1886	1800	800	600	1696	699
HMET1885	1800	800	500	1696	699
HMET18104	1800	1000	400	1696	899
HMET18124	1800	1200	400	1696	1099
HMET18125	1800	1200	500	1696	1099
HMET18126	1800	1200	600	1696	1099
HMET18128	1800	1200	800	1696	1099
HMET18164	1800	1600	400	1696	1499
HMET18165	1800	1600	500	1696	1499
HMET18166	1800	1600	600	1696	1499
HMET18168	1800	1600	800	1696	1499
HMET18184	1800	1800	400	1696	1699
HMET18185	1800	1800	500	1696	1699
HMET18186	1800	1800	600	1696	1699
HMET18188	1800	1800	800	1696	1699
HMET20105	2000	1000	500	1896	899
HMET20106	2000	1000	600	1896	899
HMET20124	2000	1200	400	1896	1099
HMET20125	2000	1200	500	1896	1099
HMET20126	2000	1200	600	1896	1099
HMET20128	2000	1200	800	1896	1099
HMET20165	2000	1600	500	1896	1499
HMET20166	2000	1600	600	1896	1499
HMET20168	2000	1600	800	1896	1499
HMET20185	2000	1800	500	1896	1699
HMET20186	2000	1800	600	1896	1699
HMET20188	2000	1800	800	1896	1699
HMET22106	2200	1000	600	2096	899
HMET22125	2200	1200	500	2096	1099
HMET22126	2200	1200	600	2096	1099

Note: Table dimensions in mm.

Modular Freestanding Enclosures HME Series

## Type 12 Mild Steel Modular Freestanding Disconnect Enclosure *HME Series*

Hinge Door w/ Various Handle Options (Flange w/ multi-vendor cutout)



Quick Link: [hammfg.com/HFMD](http://hammfg.com/HFMD)

### Application

- Provides users with a rugged housing for flange mount disconnect and circuit breaker requirements.
- Modular design permits joining of units together for large scale and mixed use applications.
- Frame's 25mm hole pattern provides extensive component and accessory mounting flexibility.
- A broad range of industry standard sizes are offered.
- HME/HMET Series enclosures can be used as slave units to HFMD/HFMDT Disconnect Series.
- The flange mount disconnect units accommodate today's most popular disconnect hardware.
- ABB Controls: Disconnect Switches up to (and including) 200 amp, also operators for ABB circuit breakers up to 800 amp.
- Allen Bradley: 1494V variable depth flange mounted disconnect up to and including 200 amp and operators for C-H Westinghouse circuit breakers up to 400 amp.
- C-H Westinghouse: C361 flange mounted disconnect switches up to and including 200 amp and C371 circuit breakers up to 600 amp, also Flex Shaft handle mechanisms for circuit breakers.
- General Electric: Type STDA flange mounted variable depth flange operators for disconnect switches up to and including 200 amp and circuit breakers up to 600 amp or Spectra Flex™ cable operators for circuit breakers.
- ITE Siemens Max-Flex: flange mounted variable depth cable operators for disconnect switches up to 200 amp and circuit breakers up to 600 amp.

- Square D: class 9422 variable depth flange mounted operating mechanisms for disconnect switches up to and including 200 amp or cable mechanism for 30, 60 or 100 amp, also circuit breakers with variable depth operators or cable mechanism up to 400 amp.

### Standards

- UL 508A Type 12
- CSA Type 12
- Complies with
  - NEMA Type 12
  - IEC 60529 IP54
- Appropriate components are required to maintain these standards.

### Standard Configuration

- Frame
- Removable solid top panel
- Lifting eyebolts (4)
- Removable bottom panel w/gland plates
- Solid front door(s) with door frame(s).
- Removable rear cover panel(s) – two door version with removable center post
- Inner mounting panel
- Disconnect to door handle activation hardware
- Hinged flange door

### Construction

- Formed 14 gauge steel.
- Fully welded frame with 25mm hole pattern for superior mounting flexibility.
- Foam gasket on all openings provides a dust-tight seal.
- Reinforced eyebolts are provided for easy enclosure lifting.
- Frames can be joined together with an optional joining kit.
- Doors can be easily interchanged, removed and/or reversed.
- Door opening 135°.
- Optional formed 14 gauge steel side panels are sold separately (in pairs).
- Bonding and grounding studs are provided for all doors and panels.

### Finish

- Phosphatized and finished in RAL 7035 light gray powder coating.
- Inner panel is unpainted galvanized 12 gauge steel.

# Type 12 Mild Steel Modular Freestanding Disconnect Enclosure *HME Series*

## Hinge Door w/ Various Handle Options (Flange w/ multi-vendor cutout)

### Accessories

- Interlock Kit...See Page **144**
- Side Mounting Barrier Panels...See Page **142**
- Side Mounting Inner Panels...See Page **142**
- Grid System...See Page **140**
- Side Panels...See Page **137**
- Frame Joining Kit...See Page **137**
- Plinth...See Page **136**
- HME Handles...See Page **147**
- Climate Control...See Page **234**
- Lighting...See Page **298**
- Additional HME Accessories...See Page **136**
- General Accessories...See Page **268**

Part No.	Enclosure			Inner Panel	
	H	W	D	H	W
HFMD1485	1400	800	500	1296	699
HFMD14105	1400	1000	500	1296	899
HFMD1685	1600	800	500	1496	699
HFMD1686	1600	800	600	1496	699
HFMD1884	1800	800	400	1696	699
HFMD1885	1800	800	500	1696	699
HFMD18105	1800	1000	500	1696	899
HFMD2085	2000	800	500	1896	699
HFMD2086	2000	800	600	1896	699
HFMD2088	2000	800	800	1896	699
HFMD20105	2000	1000	500	1896	899
HFMD20106	2000	1000	600	1896	899
HFMD2286	2200	800	600	2096	699
HFMD22105	2200	1000	500	2096	899

Note: Table dimensions in mm.

## Type 12 Modular Freestanding Disconnect Enclosures *HME Series*

Two Door

Modular Freestanding Enclosures HME Series



Quick Link: [hammfg.com/HFMDT](http://hammfg.com/HFMDT)

### Application

- Provides users with a rugged housing for flange mount disconnect and circuit breaker requirements.
- Modular design permits joining of units together for large scale and mixed use applications.
- Frame's 25mm hole pattern provides extensive component and accessory mounting flexibility.
- A broad range of industry standard sizes are offered.
- HME/HMET Series enclosures can be used as slave units to HFMD/HFMDT Disconnect Series.
- The flange mount disconnect units accommodate today's most popular disconnect hardware.
- ABB Controls: Disconnect Switches up to (and including) 200 amp, also operators for ABB circuit breakers up to 800 amp.
- Allen Bradley: 1494V variable depth flange mounted disconnect up to and including 200 amp and operators for C-H Westinghouse circuit breakers up to 400 amp.
- C-H Westinghouse: C361 flange mounted disconnect switches up to and including 200 amp and C371 circuit breakers up to 600 amp, also Flex Shaft handle mechanisms for circuit breakers.
- General Electric: Type STDA flange mounted variable depth flange operators for disconnect switches up to and including 200 amp and circuit breakers up to 600 amp or Spectra Flex™ cable operators for circuit breakers.
- ITE Siemens Max-Flex: flange mounted variable depth cable operators for disconnect switches up to 200 amp and circuit breakers up to 600 amp.

- Square D: class 9422 variable depth flange mounted operating mechanisms for disconnect switches up to and including 200 amp or cable mechanism for 30, 60 or 100 amp, also circuit breakers with variable depth operators or cable mechanism up to 400 amp.

### Standards

- UL 508A Type 12
- CSA Type 12
- Complies with
  - NEMA Type 12
  - IEC 60529 IP54
- Appropriate components are required to maintain these standards.

### Standard Configuration

- Frame
- Removable solid top panel
- Lifting eyebolts (4)
- Removable bottom panel w/gland plates
- Solid front door(s) with door frame(s).
- Removable rear cover panel(s) – two door version with removable center post
- Inner mounting panel
- Disconnect to door handle activation hardware
- Hinged flange door

### Construction

- Formed 14 gauge steel.
- Fully welded frame with 25mm hole pattern for superior mounting flexibility.
- Foam gasket on all openings provides a dust-tight seal.
- Reinforced eyebolts are provided for easy enclosure lifting.
- Frames can be joined together with an optional joining kit.
- Doors can be easily interchanged, removed and/or reversed.
- Door opening 135°.
- Optional formed 14 gauge steel side panels are sold separately (in pairs).
- Bonding and grounding studs are provided for all doors and panels.



# Type 12 Modular Freestanding Disconnect Enclosures *HME Series*

## Two Door

### Finish

- Phosphatized and finished in RAL 7035 light gray powder coating.
- Inner panel is unpainted galvanized 12 gauge steel.

### Accessories

- Interlock Kit...*See Page 144*
- Side Mounting Inner Panels...*See Page 142*
- Side Mounting Barrier Panels...*See Page 142*
- Bridge Panel...*See Page 143*
- Grid System...*See Page 140*
- Frame Joining Kit...*See Page 137*
- Side Panels...*See Page 137*
- Plinth...*See Page 136*
- HME Handles...*See Page 147*
- Climate Control...*See Page 234*
- Lighting...*See Page 298*
- Additional HME Accessories...*See Page 136*
- General Accessories...*See Page 268*

Part No.	Enclosure			Inner Panel	
	H	W	D	H	W
HFMDT18164	1800	1600	400	1696	1499
HFMDT18165	1800	1600	500	1696	1499
HFMDT18184	1800	1800	400	1696	1699
HFMDT18185	1800	1800	500	1696	1699
HFMDT18186	1800	1800	600	1696	1699
HFMDT20165	2000	1600	500	1896	1499
HFMDT20166	2000	1600	600	1996	1499
HFMDT20168	2000	1600	800	1896	1499
HFMDT20185	2000	1800	500	1896	1699

Note: Table dimensions in mm.

## Plinth



- Plinths install under enclosure for additional cable entry space and/or access.
- Adds 4" (100mm) or 8" (200mm) to overall enclosure height.
- HPLW contains 4 corner supports along with corresponding front and rear panels.
- HPLD plinth side panels ordered separately to close ends.
- HPB solid plinth includes 2 gland plates.
- All panels are easily removable for quick access.
- Compatible with leveling feet.
- Comes complete with all mounting hardware.
- Finished in black.

### Corners & Front/Back Panels

Part Number	Height	Width	Use w/ HME
HPLW14	100	400	
HPLW16	100	600	
HPLW18	100	800	
HPLW110	100	1000	
HPLW112	100	1200	
HPLW116	100	1600	
HPLW118	100	1800	
HPLW24	200	400	
HPLW26	200	600	
HPLW28	200	800	
HPLW210	200	1000	
HPLW212	200	1200	
HPLW216	200	1600	
HPLW218	200	1800	

Note: Table dimensions in mm.

### Side Panels (pair)

Part Number	Height	Depth	Use w/ HME
HPLD14	100	400	
HPLD15	100	500	
HPLD16	100	600	
HPLD18	100	800	
HPLD24	200	400	
HPLD25	200	500	
HPLD26	200	600	
HPLD28	200	800	

Note: Table dimensions in mm.

### Solid Base

Part Number	Height (mm)	Width (mm)	Depth (mm)	Use w/ HME	Use w/ HME
HPB165	100	600	500		
HPB185	100	800	500		
HPB1105	100	1000	500		
HPB1125	100	1200	500		
HPB1165	100	1600	500		

Note: Table dimensions in mm.

## Leveling Feet



- Maintains UL/CSA Type 12 approvals.
- Screws fasten into frame. Optional tamper resistant screws available.
- Bond studs provided for grounding.
- Finished in RAL 7035 light gray.
- Sold in quantities of four.

Part No.	HLF4
----------	------

## Side Panels



- Maintains UL/CSA Type 12 approvals.
- Screws fasten into frame. Optional tamper resistant screws available
- Bond studs provided for grounding.
- Finished in RAL 7035 light gray.
- Sold in quantities of two.

Part Number	For Use with HME	
	Height	Depth
HSP145	1400	500
HSP146	1400	600
HSP148	1400	800
HSP165	1600	500
HSP166	1600	600
HSP168	1600	800
HSP184	1800	400
HSP185	1800	500
HSP186	1800	600
HSP188	1800	800
HSP204	2000	400
HSP205	2000	500
HSP206	2000	600
HSP208	2000	800
HSP225	2200	500
HSP226	2200	600
HSP228	2200	800

Note: Table dimensions in mm.

## Tamper Resistant Screws



- Replacement screws for side and rear panels.
- Provide added safety and security.
- Package consists of 8 security hex screws and 1 security hex key.
- Please see the chart below to determine how many kits to order.

Part No.	ISPTPKIT
----------	----------

Component	# Screws	# Kits
	Req'd	to Order
Side Panels (Pair)	16	2
Rear Panel (600, 700, 800, 1000 mm)	8	1
Rear Panel (1200, 1600 mm)	16	2

## Frame Joining Kit



Part No.	HMEJK
----------	-------

- Heavy duty bolting kit connects side by side units at 8 points.
- Maintains UL/CSA Type 12 approvals.

Technical references and CAD downloads available at [www.hammondmfg.com](http://www.hammondmfg.com)

All dimensions in inches unless specified otherwise

**Quality Products. Service Excellence.**

## Window Door



- For use with HME Single Door Series only
- Provides maximum viewing area of enclosure equipment
- Maintains NEMA/UL/CSA Type 12 rating
- UL - 94-VO clear polycarbonate window
- Removable and reversible for left or right hand opening
- Complete with double bit insert latching mechanism
- Door opening 135°
- Note: check compatibility with HFMD and HFMDT

Part No.	Viewing Area			For use with Cabinet	
	H	W	E	H	W
<b>HMEDW146</b>	1219	434	67	1400	600
<b>HMEDW148</b>	1219	635	67	1400	800
<b>HMEDW166</b>	1419	434	67	1600	600
<b>HMEDW168</b>	1419	635	67	1600	800
<b>HMEDW186</b>	1617	434	67	1800	600
<b>HMEDW188</b>	1617	635	67	1800	800
<b>HMEDW206</b>	1819	434	67	2000	600
<b>HMEDW208</b>	1819	635	67	2000	800
<b>HMEDW226</b>	1819	434	266	2200	600
<b>HMEDW228</b>	1819	635	266	2200	800

Note: Table dimensions in mm.

## Top Mount Cable Module and Side Panels

- Provides a space for cable organization along top of HME cabinet(s).
- Mounts directly to top of HME cabinet (with top panel removed) with matching WxD dimensions.
- Top Module consists of frame (similar to HME overall frame) with removable front and rear panels.
- Side panels (pair) sold separately. (Note: Standard top panel from HME cabinet fits on matching WxD version of Top Module).
- Finished in RAL7035 light gray.



Part Number	Description	H	W	D
<b>HTCM46</b>	Top Cable Module	200	400	600
<b>HTCM66</b>	Top Cable Module	200	600	600
<b>HTCM86</b>	Top Cable Module	200	800	600
<b>HTCM106</b>	Top Cable Module	200	1000	600
<b>HTCM126</b>	Top Cable Module	200	1200	600
<b>HTCM346</b>	Top Cable Module	300	400	600
<b>HTCM366</b>	Top Cable Module	300	600	600
<b>HTCM386</b>	Top Cable Module	300	800	600
<b>HTCM3106</b>	Top Cable Module	300	1000	600
<b>HTCM3126</b>	Top Cable Module	300	1200	600
<b>HTCMS6</b>	Side Panels for 200mm Top Cabling Module	200	-	600
<b>HTCMS36</b>	Side Panels for 300mm Top Cable Module	300	-	600

Note: Table dimensions in mm.

## HME Casters



Part No.	1425HME
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- Heavy duty casters set of 4 consisting of 2 locking and 2 non locking
- Features ball bearing swivel and hard composition wheels.
- Mfg rating of 1000 lbs set of 4
- Wheels are 4" diameter
- Threads into base

## Lifting Angles



Part No.	HMELA2
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- Used to replace lifting eyes for ganged enclosures
- Overall height 3.1" with eyelet hole 1.375"
- Kit includes 2 plated angles and hardware
- Weight capacity 2000 lbs per pair

## Grid Strap Spacer



Part No.	HGS3
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- Constructed of 14 gauge steel galvanized
- Designed as a spacer for 75mm grid straps when mounted front to back on bottom flanges
- Can be used for terminal straps and grounding bars
- Sold in pairs

## Grid System

- Constructed of 14 gauge steel, galvanized.
- There are 4 styles: (1) 25mm wide Depth Grid Strap, (2) 75mm wide Depth Grid Strap, (3) 75mm wide Vertical Grid Strap and (4) 25mm wide Door Support Rail
- Grid Straps feature pattern of alternating square holes (for cage nut) and round holes (for M5 or #12 screw) at standard 25mm centers.
- Door Support Rails have round holes only.
- Depth Grid Straps and Door Support Rails have mounting flanges at either end.
- Vertical Grid Straps mount flush (butt end bracket included) to other straps for a smooth continuous mounting surface. (To achieve full height vertical strap, 2 x 75mm Depth Grid Straps required for top and bottom).
- Sold in pairs.

## Grid Mounting Hardware

- A variety of hardware options are available for the Grid System.
- Square holes accommodate cage nuts listed.
- Round holes accommodate M5 and #12 thread forming screws listed.

## Depth Grid Straps

Part Number	Description	Length	Fits Full Depth HME
HGD14	25mm wide with mounting flange	222	400
HGD15	25mm wide with mounting flange	323	500
HGD16	25mm wide with mounting flange	423	600
HGD18	25mm wide with mounting flange	623	800
HGD34	75mm wide with mounting flange	223	400
HGD35	75mm wide with mounting flange	323	500
HGD36	75mm wide with mounting flange	423	600
HGD38	75mm wide with mounting flange	623	800

Note: Table dimensions in mm.

## Vertical Grid Straps

Part Number	Description	Length	Fits Full Height HME
HGV35	75mm wide with flush mount bracket	350	n/a
HGV55	75mm wide with flush mount bracket	550	n/a
HGV75	75mm wide with flush mount bracket	750	n/a
HGV95	75mm wide with flush mount bracket	950	n/a
HGV115	75mm wide with flush mount bracket	1150	1400*
HGV135	75mm wide with flush mount bracket	1350	1600*
HGV155	75mm wide with flush mount bracket	1550	1800*
HGV175	75mm wide with flush mount bracket	1750	2000*
HGV195	75mm wide with flush mount bracket	1950	2200*

\* Requires 75mm wide Depth Grid Straps mounted in cabinet above and below

Note: Table dimensions in mm.

## Square hole Hardware

Part Number	Description
RCNIT	Cage nut insertion tool
CAGKIT1032-25	25 of 10-32 screws and cage nuts
CAGKIT1032-100	100 of 10-32 screws and cage nuts
1421D	25 of Panhead #10-32 Slot/Phillips x 0.5"
1421CND25	25 of ¼-20 cage nut
1421CND100	100 of ¼-20 cage nut
1421SP142025	25 of Panhead ¼-20 Slot/Phillips x 0.5"
1421CNB25	25 of M6 cage nut
1421CNB100	100 of M6 cage nut
1421CNBF100	100 of M6 front load cage nut
1421HPM625	25 of Hex/Phillips M6 screws x 12mm

## Door Support Rails

Part Number	Description	Length	Fits HME Door Width
HGDSR4	25mm wide with mounting flange	248	400
HGDSR5	25mm wide with mounting flange	348	500
HGDSR6	25mm wide with mounting flange	448	600
HGDSR8	25mm wide with mounting flange	648	800
HGDSR9	25mm wide with mounting flange	748	900*
HGDSR10	25mm wide with mounting flange	848	1000

\* 900mm width refers to doors on 1800mm wide cabinet

Note: Table dimensions in mm.

## Inner Panels and Supports



### Base Inner Panel

- Formed 12 gauge galvanized steel unpainted
- Included with standard configuration
- Sold separately as secondary or replacement panel
- Can be used as swing panel (where indicated \* - sold separately)
- Inner panel attachment hardware sold separately as required

### Inner Panel Side Support

- Use to provide extra support for larger loads
- Attached to either frame support in rear position or optional grid straps
- Sold in qty pkg of 6, complete with 24 - #12 pan head screws

### Inner Panel Rear Support

- Rear support to prevent flexing of inner panel when heavily loaded
- Material: Mild steel channel
- Finish: RAL7035 Light Grey
- Sold in qty pkg of 2 complete with mounting hardware

Part No.	Overall		For use with Cabinet		Inner Panel Rear Support
	Height	Width	Height	Width	
HMEP146*	1296	499	1400	600	-
HMEP148*	1296	699	1400	800	HMEPRS800
HMEP1410	1296	899	1400	1000	HMEPRS1000
HMEP1412	1296	1099	1400	1200	HMEPRS1200
HMEP166*	1296	499	1600	600	-
HMEP168*	1496	699	1600	800	HMEPRS800
HMEP1612	1496	1099	1600	1200	HMEPRS1200
HMEP186*	1496	499	1800	600	-
HMEP188*	1696	699	1800	800	HMEPRS800
HMEP1810	1696	899	1800	1000	HMEPRS1000
HMEP1812	1696	1099	1800	1200	HMEPRS1200
HMEP1816	1696	1499	1800	1600	HMEPRS1600
HMEP1818	1660	1699	1800	1800	HMEPRS1800
HMEP204	1660	299	2000	400	-
HMEP206*	1896	499	2000	600	-
HMEP208*	1896	699	2000	800	HMEPRS800
HMEP2010	1896	899	2000	1000	HMEPRS1000
HMEP2012	1896	1099	2000	1200	HMEPRS1200
HMEP2016	1896	1499	2000	1600	HMEPRS1600
HMEP2018	1896	1699	2000	1800	HMEPRS1800
HMEP224	1896	299	2200	400	-
HMEP226*	1896	499	2200	600	-
HMEP228*	2096	699	2200	800	HMEPRS800
HMEP2210	2096	899	2200	1000	HMEPRS1000
HMEP2212	2096	1099	2200	1200	HMEPRS1200

\* Can be used as swing panel (Sold Separately)  
Note: Table dimensions in mm.

### Additional Hardware

Part No. HMEIPMTG

### Inner Panel Side Support

Part No. HIPSPK

## Side Mounting Inner Panels

- Sold individually
- Formed 14 gauge galvanized steel unpainted
- Mounts directly to frame
- Can be used in combination with depth grid straps (top and bottom)
- Allows installation of 19" mounting rails including center support
- Reduced height may allow cable pass through on ganged cabinets



Part No.	Overall		For use with Cabinet	
	H	W	H	D
HSIP145	1143	375	1400	500
HSIP146	1143	475	1400	600
HSIP148	1143	675	1400	800
HSIP165	1343	375	1600	500
HSIP166	1343	475	1600	600
HSIP168	1343	675	1600	800
HSIP184	1543	275	1800	400
HSIP185	1543	375	1800	500
HSIP186	1543	475	1800	600
HSIP188	1573	675	1800	800
HSIP204	1743	275	2000	400
HSIP205	1743	375	2000	500
HSIP206	1743	475	2000	600
HSIP208	1743	675	2000	800
HSIP225	1943	375	2200	500
HSIP226	1943	475	2200	600
HSIP228	1943	675	2200	800

Note: Table dimensions in mm.

## Side Mounting Barrier Panels

- Sold individually
- Formed 14 gauge galvanized steel unpainted
- Mounts directly to frame
- Full height and depth panel creating a full barrier between cells
- No provision for depth grid straps or 19" mounting rails
- Can be used as a mounting surface



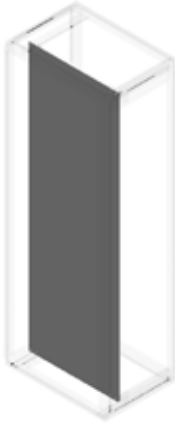
Part No.	Overall		For use with Cabinet	
	Height	Width	Height	Depth
HSBP145	1293	375	1400	500
HSBP146	1293	475	1400	600
HSBP148	1293	675	1400	800
HSBP165	1493	375	1600	500
HSBP166	1493	475	1600	600
HSBP168	1493	675	1600	800
HSBP184	1693	275	1800	400
HSBP185	1693	375	1800	500
HSBP186	1693	475	1800	600
HSBP188	1693	675	1800	800
HSBP204	1893	275	2000	400
HSBP205	1893	375	2000	500
HSBP206	1893	475	2000	600
HSBP208	1893	675	2000	800
HSBP225	2093	375	2200	500
HSBP226	2093	475	2200	600
HSBP228	2093	675	2200	800

Note: Table dimensions in mm.



## Swing Panel

- Formed 12 gauge galvanized steel unpainted
- Requires Swing Kit sold separately



### Accessories

- Swing Kits...See Page 144

Part No.	Overall		For use with Cabinet	
	Height	Width	Height	Width
HMEP146	1296	499	1400	600
HMEP148	1296	699	1400	800
HMEP166	1496	499	1600	600
HMEP168	1496	699	1600	800
HMEP186	1696	499	1800	600
HMEP188	1696	699	1800	800
HMEP206	1896	499	2000	600
HMEP208	1896	699	2000	800
HMEP226	2096	499	2200	600
HMEP228	2096	699	2200	800

Note: Table dimensions in mm.

## Shelf

- Mounts to internal door channel using 1 or 2 door support rails (sold separately) or directly to a door/side panel using supplied hardware. Can be easily positioned at various heights.
- Opens to 90° or 75° angle and quickly folds down for compact storage.
- 16" wide x 15" deep
- Finished in RAL 7035 light gray.



Part No.	DMS1615
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## Bridge Panel

- Mounts between inner panels of joined enclosures.
- Formed 12 gauge galvanized steel unpainted.
- 3.75" wide.



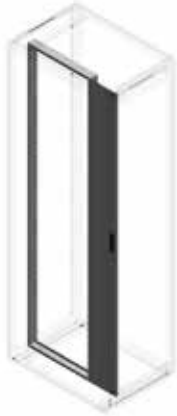
Part Number	For Use with Cabinet Height
HMEPB14	1400
HMEPB16	1600
HMEPB18	1800
HMEPB20	2000
HMEPB22	2200

Note: Table dimensions in mm.

## Swing Frame for 19" Mounting

For use with HME Series

- Frame provides 19" rack mounting centers
- Rails punched for square holed cage nuts
- Finished in RAL7035
- Requires Swing Kit sold separately



### Accessories

- Swing Kits...See Page 144

Part No.	Overall Dimensions			Rack	For use with Cabinet	
	Height	Width	Depth	Units	Height	Width
HMESWF166	1494	500	57	32U	1600	600
HMESWF168	1494	704	57	32U	1600	800
HMESWF186	1694	500	57	37U	1800	600
HMESWF188	1694	704	57	37U	1800	800
HMESWF206	1894	500	57	41U	2000	600
HMESWF208	1894	704	57	41U	2000	800
HMESWF226	2094	500	57	45U	2200	600
HMESWF228	2094	704	57	45U	2200	800

Note: Table dimensions in mm.

## Swing Kits

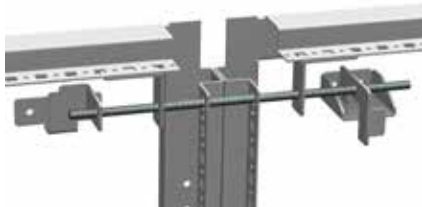
- Used in conjunction with HMEP Swing Panels or HMESWF Swing Frames
- Provides adjustable location for panels and frame front to rear
- Comes complete with all mounting hardware
- Allows for maximum swing of 120° when positioned fully at front of cabinet.
- Finished in RAL7035



Part Number	Description
HMESWK4	Fits 400mm depth frame
HMESWK5	Fits 500mm depth frame
HMESWK6	Fits 600mm depth frame
HMESWK8	Fits 800mm depth frame

## Interlock Kit

- Master Interlock Kit- required for master door in system
- Slave Interlock Kit- required for each slave door to be interlocked with master door
- Rod connector kit- required for connecting to slave kit
- Clear zinc plated
- All kits maintain UL/CSA Type 12 approvals



Part Number	Description
HMIK	Master Interlock Kit
HSIK	Slave Interlock Kit
HSCRD	Rod Connector kit 600-1200 wide

Ordering Guide	Common assemblies	Required
Single Door (Master Right or left) to Single door Cabinet		Master Interlock Kit
Single Door (Master right) to Double door Cabinet		Master Interlock Kit
Single Door (Master left) to Double door cabinet		Master Interlock Kit + Rod Connector Kit
Double Door (Master Right or Left) to Double door Cabinet		Master Interlock Kit + Rod Connector Kit
Any Additional cabinets to any of the above configurations		Slave + Rod Connector kit

Technical references and CAD downloads available at [www.hammondmfg.com](http://www.hammondmfg.com)

All dimensions in inches unless specified otherwise

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## 19" Rails and Width Adaptor Kit



- Provides 19" rack mounting centers in 600mm wide cabinets.
- Provides 19" rack mounting centers in 800mm wide cabinets when combined with Width Adapter Kits (Part # HAK19800).
- Can mount directly to frame in full front and full back positions or can have full front to back depth adjustment when used with Depth Grid Straps (sold separately).
- Rails are 12 gauge, include mounting hardware and are clear zinc plated (ZPL) finish.
- Square holed rails with full EIA centers.
- Sold in pairs.

Part Number	Style	Mounting Space		
		U	Inches	Use with H
HPR16SZPL	Panel (L shape)	33	57.75	1600
HPR18SZPL	Panel (L shape)	38	66.5	1800
HPR20SZPL	Panel (L shape)	42	73.5	2000
HPR22SZPL	Panel (L shape)	47	82.25	2200
HCR16SZPL	Combination	33	57.75	1600
HCR18SZPL	Combination	38	66.5	1800
HCR20SZPL	Combination	42	73.5	2000
HCR22SZPL	Combination	47	82.25	2200

Note: Table dimensions in mm.

Part Number	Description
HAK19800	Adapts 800mm wide cabinets to 19" rack mounting (includes 4 brackets)

## Inserts

- Standard door hardware is an escutcheon plate with double bit insert.
- A variety of other inserts (and matching keys) available as alternatives.



Part No.	Type	Description
HMESQI7	Insert	For escutcheon - 7mm square
HMESQI8	Insert	For escutcheon - 8mm square
HMETRI6	Insert	For escutcheon - 6.5mm triangle
HMETRI7	Insert	For escutcheon - 7mm triangle
HMETRI8	Insert	For escutcheon - 8mm triangle
HMEDBPI	Insert	For escutcheon - double bit w/3mm pin
HMESLCPI	Insert	For escutcheon - slot - coin proof
HMENLINS	Insert	For HMEHLKL non-locking insert
2SQK7	Key	For escutcheon - 7mm square
HMESQK8	Key	For escutcheon - 8mm square
HMETR6	Key	For escutcheon - 6.5mm triangle
2TRK7	Key	For escutcheon - 7mm triangle
HMETR8	Key	For escutcheon - 8mm triangle
HMEDBPK	Key	For escutcheon - double bit w/3mm pin
PMKEY	Key	For escutcheon - standard double bit

## Copper Busbar

### Details

- The GRDBAR Series comes in vertical, horizontal mounting as well as horizontal rack mounting.
- The grounding bar is made from heavy-gauge copper that attaches to the inside of an enclosure, cabinet or open frame rack to provide consolidated equipment grounds.
- Ground points have been drilled and tapped to accommodate a #10-32 screw (included).
- Use with our Ground Wire Kits to bond your equipment to the busbar.



### HME Busbar Specifications:

- Constructed of Solid 0.125" Copper with 10-32 drilled and tapped holes and
- 1-0.312 main ground point.
- Mounts directly to grid straps or frame mounting surface.
- Busbar kit includes (quantities depend on product)
  - 1x Copper Busbar
  - 10-32 x 0.5 Screws
  - Flat Washers

### Rack Mount Busbar Specifications:

- Available in both 19 and 23 inch rack mounting widths.
- Constructed of Solid 0.188" Copper Bar
- Includes ten (10) 10-32 drilled and tapped holes spaced at one (1) inch.
- Includes two (2) Ø 0.31 ground lug holes.
- Mounts directly to EIA mounting rails.
- Busbar kit includes:
  - 1x Copper Busbar
  - 10x 10-32 x 0.375" Screws
  - 2x 10-32 x 0.625" Screws
  - 2x 12-24 x 0.625" Screws
  - 2x 0.25" Flat Washers
  - 12x #10 Flat Washers
  - 1x Instruction bulletin

### Horizontal HME Copper Busbar

Part Number	Length	For Use With Enclosure Width	Number of Ground Points	Series Compatibility
GRDBAR600	400	600	Qty 9 - 10-32	HME
GRDBAR800	600	800	Qty 18 - 10-32	HME

Note: Table dimensions in mm.

### Vertical HME Copper Busbar

Part Number	Height	For Enclosure Height	Number of Ground Points	Series Compatibility
GRDBARV14	1270	1400	Qty 8 - 10-32	HME
GRDBARV16	1473	1600	Qty 10 - 10-32	HME
GRDBARV18	1676	1800	Qty 12 - 10-32	HME
GRDBARV20	1880	2000	Qty 12 - 10-32	HME
GRDBARV22	2083	2200	Qty 14 - 10-32	HME

Note: Table dimensions in mm.

### Horizontal Rack Mount Copper Busbar

Part No.	Overall Dimensions			Mounting Dimensions		Number of Ground Points	Ground Lug Holes
	Height	Width	Depth	Height	Width		
GRDBAR19	0.75	19.00	0.19	0.75	19.00	Qty 10 - 10-32	Qty 2 Ø 0.31
GRDBAR23	0.75	23.00	0.19	0.75	23.00	Qty 10 - 10-32	Qty 2 Ø 0.31

## HME Handles



- Standard escutcheon plate and insert can be replaced with several handle options.
- Die cast Swing Handles (black) open door with a rotating motion, are key-locking and available with padlocking feature.
- Heavy duty die cast Lift Handles (light gray) open door with an ergonomic lift up motion and are offered in key-locking and non-locking versions.

Part Number	Description
HMEHSL	Diecast swing handle with key locking (black)
HMEHSLPL	Diecast swing handle with key locking and padlockable (black)
HMEHLKL	Diecast lift handle with key locking (RAL7035 Gray)
HMEHLNL	Diecast lift handle non-locking (RAL7035 Gray)

## Light Kit Brackets



- Designed for mounting to HME frame assembly
- Brackets accept either Fluorescent or LED light kits
- 1.5" x 9"
- Sold in pairs
- Clear coat plated finish

Part No.	FLMTGBRK
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