

# Modular Freestanding Enclosures - NEMA 12

## HFMD/HFMDT Series Disconnect Enclosure


**HFMD - 1DR**

**HFMDT - 2DR**

- **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 508 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.
- Seamless foam in place gasket.
- 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

- 19" mounting rails...see page **202**
- Casters...see page **194**
- Cooling - ACs...see page **349-367**
- Cooling - fans...see page **371-384**
- Door shelf...see page **200**
- Frame joining kit...see page **192**
- Grid mounting system...see page **195**
- Grid system hardware...see page **203**
- Ground kits...see page **203**
- Handles and inserts...see page **204**
- Interlock system...see page **202**
- Leveling feet...see page **191**
- Lifting angles...see page **194**
- Light kit and accessories...see page **452**
- Literature pocket...see page **456**
- Panel - Bridge...see page **200**
- Panel - Barrier...see page **199**
- Swing Panel...see page **200**
- Swing Frame...see page **201**
- Plinth...see page **191**
- Side panels...see page **192**
- Tamper resistant screws...see page **192**
- Top mount cable module...see page **194**

### Application

- The HFMD 1 door and HFMDT 2 door product lines 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.

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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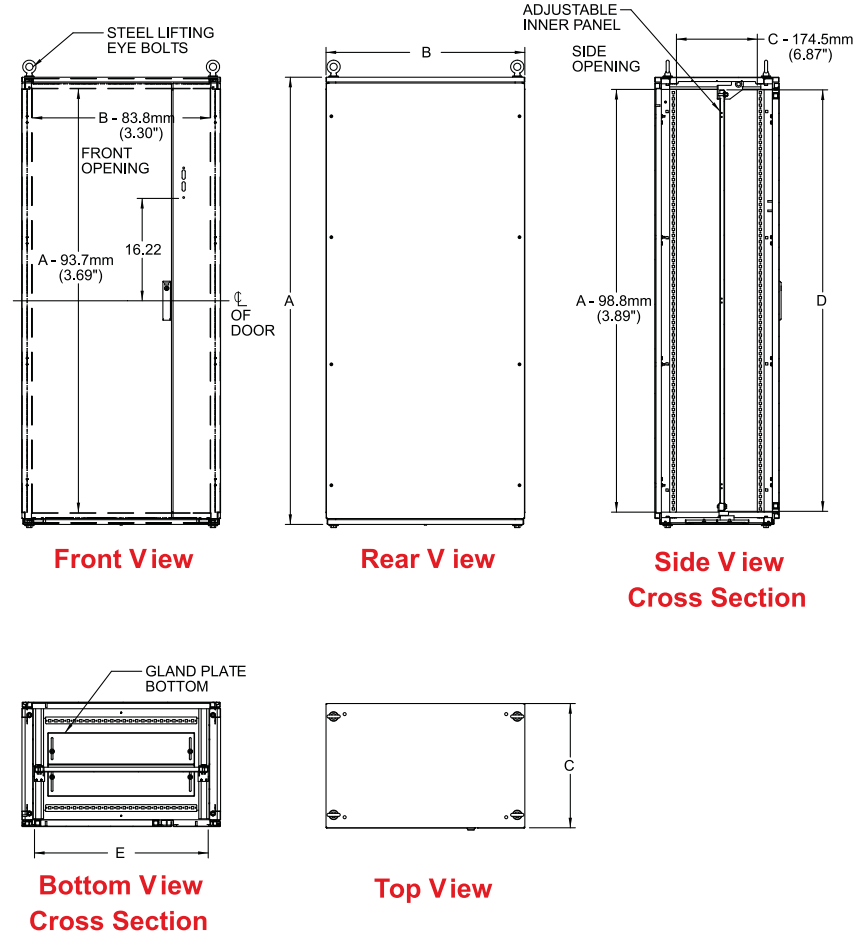
## HFMD/HFMDT Series Disconnect Enclosure

Modular Freestanding



**Inner Panel Included**

**Side Panels Sold Separately**



Disconnect Enclosures

### Single Door

Part Number	Overall Dimensions			Panel Dimensions		
	A	B	C	D	E	
HFMD1485	mm	1400	800	500	1296	699
	inch	55.12	31.5	19.69	51.03	27.52
HFMD14105	mm	1400	1000	500	1296	899
	inch	55.12	39.37	19.69	51.03	35.4
HFMD1685	mm	1600	800	500	1496	699
	inch	62.99	31.5	19.69	58.9	27.52
HFMD1686	mm	1600	800	600	1496	699
	inch	62.99	31.5	23.62	58.9	27.52
HFMD1884	mm	1800	800	400	1696	699
	inch	70.87	31.5	15.75	66.77	27.52
HFMD1885	mm	1800	800	500	1696	699
	inch	70.87	31.5	19.69	66.77	27.52
HFMD18105	mm	1800	1000	500	1696	899
	inch	70.87	39.37	19.69	66.77	35.4
HFMD2085	mm	2000	800	500	1896	699
	inch	78.74	31.5	19.69	74.65	27.52
HFMD2086	mm	2000	800	600	1896	699
	inch	78.74	31.5	23.62	74.65	27.52
HFMD2088	mm	2000	800	800	1896	699
	inch	78.74	31.5	31.5	74.65	27.52
HFMD20105	mm	2000	1000	500	1896	899
	inch	78.74	39.37	19.69	74.65	35.4
HFMD20106	mm	2000	1000	600	1896	899
	inch	78.74	39.37	23.62	74.65	35.4
HFMD2286	mm	2200	800	600	2096	699
	inch	86.62	31.5	23.62	82.52	27.52
HFMD22105	mm	2200	1000	500	2096	899
	inch	86.61	39.37	19.69	82.52	35.39

### Double Door

Part Number	Overall Dimensions			Panel Dimensions		
	A	B	C	D	E	
HFMDT18164	mm	1800	1600	400	1696	1499
	inch	70.87	62.99	15.75	66.77	59.02
HFMDT18165	mm	1800	1600	500	1696	1499
	inch	70.87	62.99	19.69	66.77	59.02
HFMDT18184	mm	1800	1800	400	1696	1699
	inch	70.87	70.87	15.75	66.77	66.89
HFMDT18185	mm	1800	1800	500	1696	1699
	inch	70.87	70.87	19.69	66.77	66.89
HFMDT18186	mm	1800	1800	600	1696	1699
	inch	70.87	70.87	23.62	66.77	66.89
HFMDT20165	mm	2000	1600	500	1896	1499
	inch	78.74	62.99	19.69	74.65	59.02
HFMDT20166	mm	2000	1600	600	1996	1499
	inch	78.74	62.99	23.62	78.58	59.02
HFMDT20168	mm	2000	1600	800	1896	1499
	inch	78.74	62.99	31.50	74.65	59.02
HFMDT20185	mm	2000	1800	500	1896	1699
	inch	78.74	70.87	19.69	74.65	66.89

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