

Modular Freestanding Enclosures - NEMA 12

IFMD Series Flange Mount Disconnect Enclosure

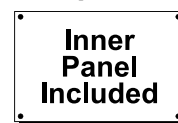
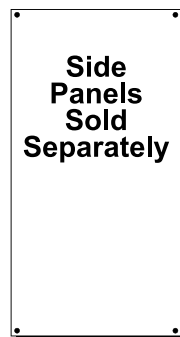
ABB, Allen Bradley, C-H Westinghouse, General Electric STDA, I-T-E Siemens Max-Flex™, Square D

Modular Freestanding



Note:

- Interlock hardware must be ordered separately.



- **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.
- **I-T-E 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.

adjustment of mounting panels.

- Oil resistant gaskets are permanently secured on all openings.
- Reinforced eyebolts are provided for easy enclosure lifting.
- Frames are easily joined together with an optional frame Joining kit.
- Doors can be easily removed and interchanged.
- Optional formed 16 gauge steel side panels are recessed to fit flush with the sides of the cabinet. **Side panels must be ordered separately.**
- Bonding and grounding studs are provided for all doors and panels.

Application

- The IFMD product line provides users with a rugged housing for industrial control and operator interface in harsh industrial environments.
- Modular design permits joining of units for large scale and mixed use applications.
- A broad range of industry standard sizes are offered. Units are constructed to imperial dimensions and hardware sizes, with metric sizing provided for convenient reference.
- IME Series enclosures are used as slave units to IFMD 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.

Standards

- UL 508 Type 12
- CSA Type 12
- **Complies with**
 - NEMA Type 12
 - IEC 60529 IP54
- Appropriate components are required to maintain these standards. For approved interlock hardware...see page 236

Standard Configuration

- Frame with integral solid top
- Lifting eyebolts
- Removable bottom panel
- Solid front door with key locking handle
- Disconnect to door handle activation hardware
- Hinged flange door
- Removable rear cover panel
- Inner mounting panel, additional panels available

Construction

- Formed 14 gauge steel.
- Frame has welded corner reinforcements.
- Mounting channels on sides of enclosure are oriented front to back for depth

Finish

- Phosphatized and finished in RAL 7032 beige powder coating.
- Inner panels are finished in white powder coating.

Accessories

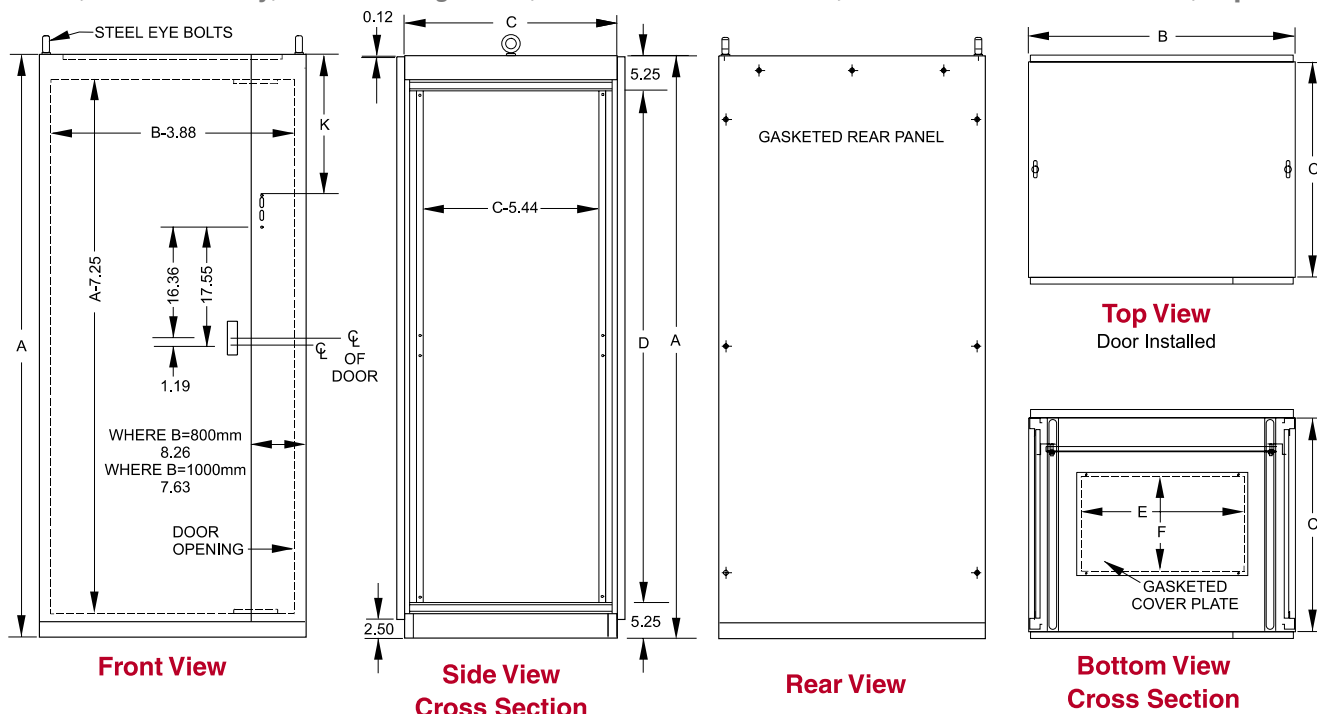
- Additional inner panels...see page 239
- Air conditioners...see page 388-405
- Bridge panel...see page 238
- Caster assembly - inside mounting...see page 246
- Caster assembly - outside mounting...see page 246
- Center depth support...see page 243
- Door mount rails...see page 238
- Door shelf...see page 243
- Door support wheel...see page 245
- Fold down shelf...see page 243
- Joining kit...see page 240
- Leveling feet...see page 244
- Light kit and accessories...see page 245
- Literature pocket...see page 244
- Master interlock kit...see page 244
- Plinth...see page 243
- Side panels...see page 238
- Tamper resistant screws...see page 239
- Vented raised top...see page 234
- Top mount fan...see page 363

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Maximum Usable Depth

(Panel in Full Back Position)

***Note:** K= 16.42 when A=77.31
K= 20.80 when A=86.06

Cabinet Depth (mm)	Without Bridge Panel (inch)	With Bridge Panel (inch)
400	14.63	13.88
500	18.50	17.75
600	22.50	21.75
800	30.38	29.63

Part No.	Nominal Dimensions A x B x C(mm)		Overall Dimensions (in/mm)						Panel Dimensions		Ship Wt. lbs
			A	B	C	D	E	F	Height	Width	
IFMD1885	1800 x 800 x 500	inch mm	77.31 1964	31.50 800	19.63 498	66.81 1697	17.00 432	10.5 267	68.75 1746	26.25 667	295
IFMD1886	1800 x 800 x 600	inch mm	77.31 1964	31.50 800	23.63 600	66.81 1697	17.00 432	10.5 267	68.75 1746	26.25 667	300
IFMD1888	1800 x 800 x 800	inch mm	77.31 1964	31.50 800	31.50 800	66.81 1697	17.00 432	17.5 445	68.75 1746	26.25 667	320
IFMD18105	1800 x 1000 x 500	inch mm	77.31 1964	39.37 1000	19.63 498	66.81 1697	24.06 611	10.5 267	68.75 1746	34.12 867	345
IFMD18106	1800 x 1000 x 600	inch mm	77.31 1964	39.37 1000	23.63 600	66.81 1697	24.06 611	10.5 267	68.75 1746	34.12 867	350
IFMD18108	1800 x 1000 x 800	inch mm	77.31 1964	39.37 1000	31.50 800	66.81 1697	24.06 611	17.5 445	68.75 1746	34.12 867	360
IFMD2085	2000 x 800 x 500	inch mm	86.06 2186	31.50 800	19.63 498	75.56 1919	17.00 432	10.5 267	77.50 1969	26.25 667	310
IFMD2086	2000 x 800 x 600	inch mm	86.06 2186	31.50 800	23.63 600	75.56 1919	17.00 432	10.5 267	77.50 1969	26.25 667	320
IFMD2088	2000 x 800 x 800	inch mm	86.06 2186	31.50 800	31.50 800	75.56 1919	17.00 432	17.5 445	77.50 1969	26.25 667	340
IFMD20105	2000 x 1000 x 500	inch mm	86.06 2186	39.37 1000	19.63 498	75.56 1919	24.06 611	10.5 267	77.50 1969	34.12 867	375
IFMD20106	2000 x 1000 x 600	inch mm	86.06 2186	39.37 1000	23.63 600	75.56 1919	24.06 611	10.5 267	77.50 1969	34.12 867	385
IFMD20108	2000 x 1000 x 800	inch mm	86.06 2186	39.37 1000	31.50 800	75.56 1919	24.06 611	17.5 445	77.50 1969	34.12 867	390

Technical references and DXF downloads available at www.hammfg.com

All dimensions in inches unless specified otherwise

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[IFMD20105](#) [IFMD20106](#) [IFMD20108](#)