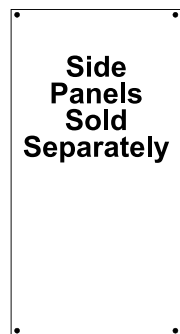


Modular Freestanding Enclosures - NEMA 12

IME Series Single Door Enclosure

Modular Freestanding



Application

- The IME product line provides users with a rugged housing for industrial control and operator interface in harsh industrial environments.
- Modular design permits joining of units together 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.

Standards

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

Standard Configuration

- Frame with integral solid top
- Lifting eyebolts
- Removable bottom panel
- Solid front door with key locking handle
- 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 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 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.

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**
- Filter fans...see page **408-414**
- 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**
- Mounting rails...see page **246**
- Plinth...see page **243**
- Power bars...see page **438-441**
- Side mount inner panels...see page **239**
- Side panels...see page **238**
- Slave interlock joining kit...see page **244**
- Slave interlock kit...see page **244**
- Solid door...see page **241**
- Tamper resistant screws...see page **245**
- Vented raised top...see page **240**
- Window door...see page **241**
- Top mount fan...see page **415**

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

All dimensions in inches unless specified otherwise

Single Door Enclosures

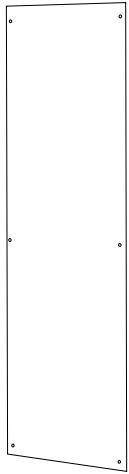
Modular Freestanding Enclosures - NEMA 12

IME Series Single Door Enclosure

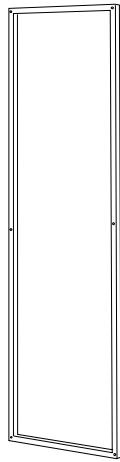
Modular Freestanding

Single Door Enclosures

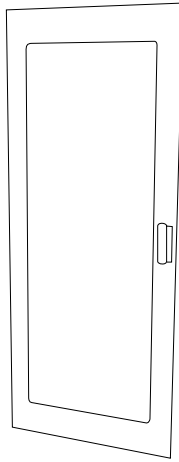
External Accessories



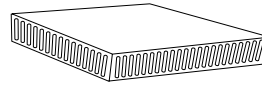
Side Panels
...see page **238**



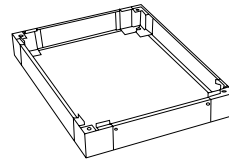
Joining Kit
...see page **240**



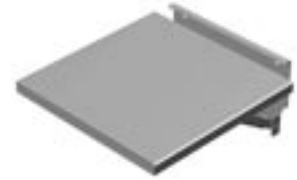
Solid and Window Doors
...see page **241**



Vented Raised Top
...see page **240**

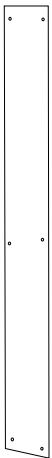


Plinth
...see page **243**

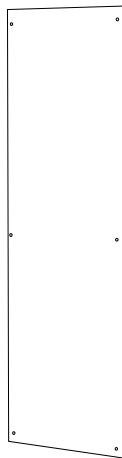


Fold Down Shelf
...see page **243**

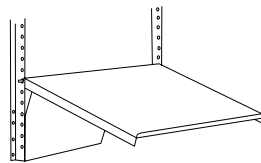
Internal Accessories



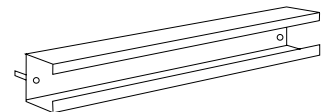
Bridge Panel
...see page **238**



Additional Inner Panels
...see page **239**



Door Shelf
...see page **243**



Center Depth Support
...see page **243**

For Additional Accessories...see page **238-247**

Modular Freestanding Enclosures - NEMA 12

Modular Freestanding

Single Door Enclosures

Part No.	Nominal Dimensions A x B x C (mm)		Overall Dimensions						Mtg. Panel Height	Dimensions Width	Ship Wt. lbs
IME1666	1600 x 600 x 600	inch mm	70.31 1786	23.00 584	23.63 600	59.81 1519	13.00 330	10.5 267	61.75 1568	17.75 451	235
IME1668	1600 x 600 x 800	inch mm	70.31 1786	23.00 584	31.50 800	59.81 1519	13.00 330	17.5 445	61.75 1568	17.75 451	245
IME1676	1600 x 700 x 600	inch mm	70.31 1786	28.00 711	23.63 600	59.81 1519	17.00 432	10.5 267	61.75 1568	22.75 578	260
IME1678	1600 x 700 x 800	inch mm	70.31 1786	28.00 711	31.50 800	59.81 1519	17.00 432	17.5 445	61.75 1568	22.75 578	270
IME1686	1600 x 800 x 600	inch mm	70.31 1786	31.50 800	23.63 600	59.81 1519	17.00 432	10.5 267	61.75 1568	26.25 667	285
IME1688	1600 x 800 x 800	inch mm	70.31 1786	31.50 800	31.50 800	59.81 1519	17.00 432	17.5 445	61.75 1568	26.25 667	300
IME1864	1800 x 600 x 400	inch mm	77.31 1964	23.00 584	15.75 400	66.81 1697	13.00 330	10.5 484	68.75 1746	17.75 451	225
IME1865	1800 x 600 x 500	inch mm	77.31 1964	23.00 584	19.63 498	66.81 1697	13.00 330	10.5 267	68.75 1746	17.75 451	230
IME1866	1800 x 600 x 600	inch mm	77.31 1964	23.00 584	23.63 600	66.81 1697	13.00 330	10.5 267	68.75 1746	17.75 451	250
IME1868	1800 x 600 x 800	inch mm	77.31 1964	23.00 584	31.50 800	66.81 1697	13.00 330	17.5 445	68.75 1746	17.75 451	270
IME1876	1800 x 700 x 600	inch mm	77.31 1964	28.00 711	23.63 600	66.81 1697	17.00 432	10.5 267	68.75 1746	22.75 578	275
IME1878	1800 x 700 x 800	inch mm	77.31 1964	28.00 711	31.50 800	66.81 1697	17.00 432	17.5 445	68.75 1746	22.75 578	295
IME1884	1800 x 800 x 400	inch mm	77.31 1964	31.50 800	15.75 400	66.81 1697	17.00 432	10.5 267	68.75 1746	26.25 667	275
IME1885	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
IME1886	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
IME1888	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
IME18105	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
IME18106	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
IME18108	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
IME2064	2000 x 600 x 400	inch mm	86.06 2186	23.00 584	15.75 400	75.56 1919	13.00 330	10.5 267	77.50 1969	17.75 451	240
IME2065	2000 x 600 x 500	inch mm	86.06 2186	23.00 584	19.63 498	75.56 1919	13.00 330	10.5 267	77.50 1969	17.75 451	250
IME2066	2000 x 600 x 600	inch mm	86.06 2186	23.00 584	23.63 600	75.56 1919	13.00 330	10.5 267	77.50 1969	17.75 451	260
IME2068	2000 x 600 x 800	inch mm	86.06 2186	23.00 584	31.50 800	75.56 1919	13.00 330	17.5 445	77.50 1969	17.75 451	285
IME2076	2000 x 700 x 600	inch mm	86.06 2186	28.00 711	23.63 600	75.56 1919	17.00 432	10.5 267	77.50 1969	22.75 578	290
IME2078	2000 x 700 x 800	inch mm	86.06 2186	28.00 711	31.50 800	75.56 1919	17.00 432	17.5 445	77.50 1969	22.75 578	305
IME2084	2000 x 800 x 400	inch mm	86.06 2186	31.50 800	15.75 400	75.56 1919	17.00 432	10.5 267	77.50 1969	26.25 667	300
IME2085	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
IME2086	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
IME2088	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
IME20105	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
IME20106	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
IME20108	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

Inches are precise, metric for reference only.

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

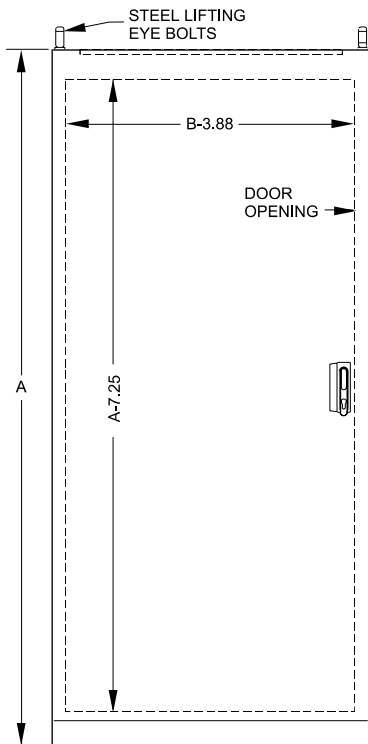
All dimensions in inches unless specified otherwise

Modular Freestanding Enclosures - NEMA 12

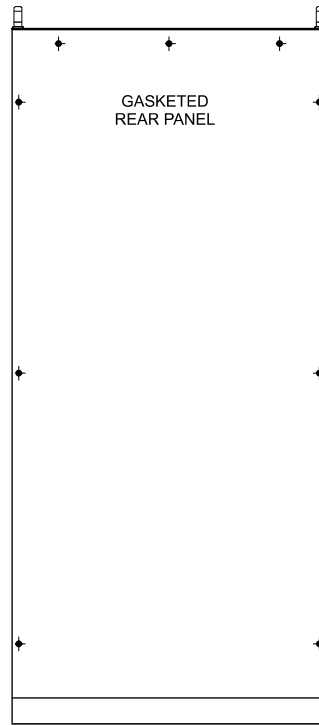
IME Series Single Door Enclosure

Modular Freestanding

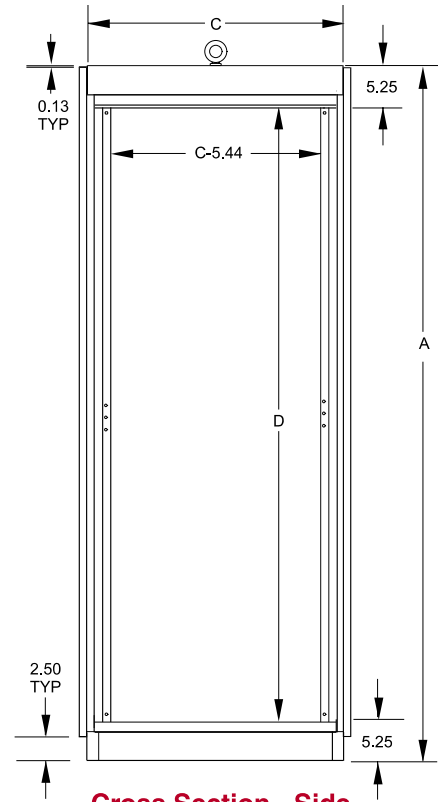
Single Door Enclosures



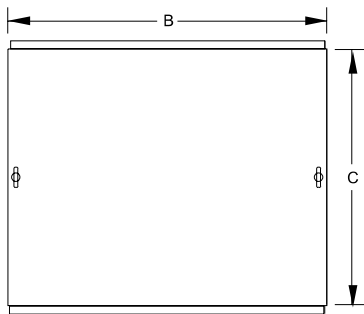
Front View



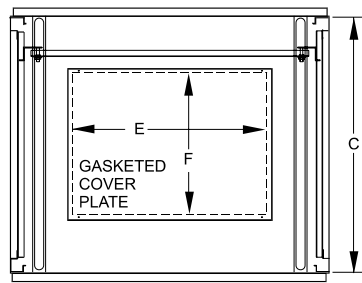
Rear View



Cross Section - Side



**Top View - Door
Installed**



Cross Section - Bottom

Maximum Usable Depth

Panel in Full Back Position

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

Mouser Electronics

Authorized Distributor

Click to View Pricing, Inventory, Delivery & Lifecycle Information:

Hammond:

[IME1666](#) [IME1668](#) [IME1678](#) [IME1676](#) [IME1686](#) [IME1688](#) [IME1886](#) [IME1888](#) [IME1865](#) [IME1885](#) [IME1884](#)
[IME1864](#) [IME1866](#) [IME1868](#) [IME18108](#) [IME18106](#) [IME18105](#) [IME20105](#) [IME20106](#) [IME20108](#) [IME2086](#)
[IME2084](#) [IME2068](#) [IME2076](#) [IME2085](#) [IME2078](#) [IME2088](#) [IME2065](#) [IME2064](#) [IME2066](#) [IME1878](#) [IME1876](#)