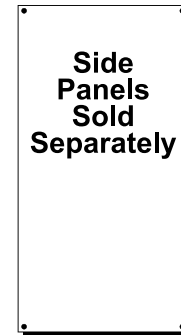


Modular Freestanding Enclosures - NEMA 12

IME Series Single Door Enclosure

Modular Freestanding



Single Door Enclosures

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

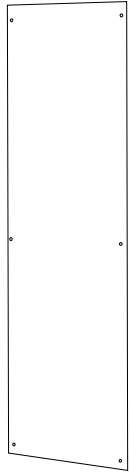
Modular Freestanding Enclosures - NEMA 12

IME Series Single Door Enclosure

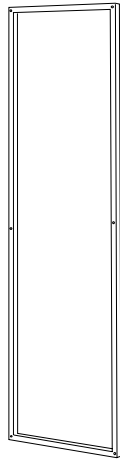
Modular Freestanding

Single Door Enclosures

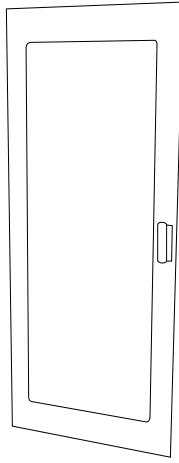
External Accessories



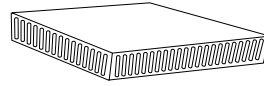
Side Panels
...see page **238**



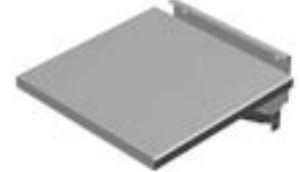
Joining Kit
...see page **240**



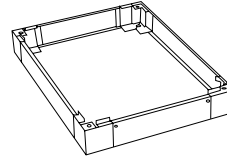
Solid and Window Doors
...see page **241**



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

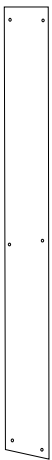


Fold Down Shelf
...see page **243**

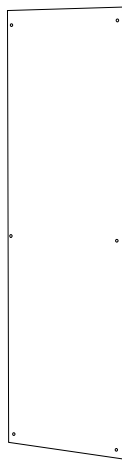


Plinth
...see page **243**

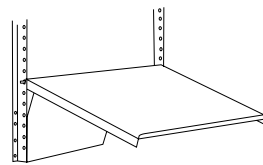
Internal Accessories



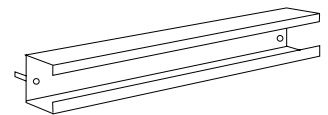
Bridge Panel
...see page **238**



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

IME Series Single Door Enclosure

Modular Freestanding

Single Door Enclosures

Part No.	Nominal Dimensions		Overall Dimensions						Mtg. Panel Dimensions		Ship Wt. lbs
	A x B x C (mm)		A	B	C	D	E	F	Height	Width	
IME1666	1600 x 600 x 600	inch	70.31	23.00	23.63	59.81	13.00	10.5	61.75	17.75	235
		mm	1786	584	600	1519	330	267	1568	451	
IME1668	1600 x 600 x 800	inch	70.31	23.00	31.50	59.81	13.00	17.5	61.75	17.75	245
		mm	1786	584	800	1519	330	445	1568	451	
IME1676	1600 x 700 x 600	inch	70.31	28.00	23.63	59.81	17.00	10.5	61.75	22.75	260
		mm	1786	711	600	1519	432	267	1568	578	
IME1678	1600 x 700 x 800	inch	70.31	28.00	31.50	59.81	17.00	17.5	61.75	22.75	270
		mm	1786	711	800	1519	432	445	1568	578	
IME1686	1600 x 800 x 600	inch	70.31	31.50	23.63	59.81	17.00	10.5	61.75	26.25	285
		mm	1786	800	600	1519	432	267	1568	667	
IME1688	1600 x 800 x 800	inch	70.31	31.50	31.50	59.81	17.00	17.5	61.75	26.25	300
		mm	1786	800	800	1519	432	445	1568	667	
IME1864	1800 x 600 x 400	inch	77.31	23.00	15.75	66.81	13.00	10.5	68.75	17.75	225
		mm	1964	584	400	1697	330	484	1746	451	
IME1865	1800 x 600 x 500	inch	77.31	23.00	19.63	66.81	13.00	10.5	68.75	17.75	230
		mm	1964	584	498	1697	330	267	1746	451	
IME1866	1800 x 600 x 600	inch	77.31	23.00	23.63	66.81	13.00	10.5	68.75	17.75	250
		mm	1964	584	600	1697	330	267	1746	451	
IME1868	1800 x 600 x 800	inch	77.31	23.00	31.50	66.81	13.00	17.5	68.75	17.75	270
		mm	1964	584	800	1697	330	445	1746	451	
IME1876	1800 x 700 x 600	inch	77.31	28.00	23.63	66.81	17.00	10.5	68.75	22.75	275
		mm	1964	711	600	1697	432	267	1746	578	
IME1878	1800 x 700 x 800	inch	77.31	28.00	31.50	66.81	17.00	17.5	68.75	22.75	295
		mm	1964	711	800	1697	432	445	1746	578	
IME1884	1800 x 800 x 400	inch	77.31	31.50	15.75	66.81	17.00	10.5	68.75	26.25	275
		mm	1964	800	400	1697	432	267	1746	667	
IME1885	1800 x 800 x 500	inch	77.31	31.50	19.63	66.81	17.00	10.5	68.75	26.25	295
		mm	1964	800	498	1697	432	267	1746	667	
IME1886	1800 x 800 x 600	inch	77.31	31.50	23.63	66.81	17.00	10.5	68.75	26.25	300
		mm	1964	800	600	1697	432	267	1746	667	
IME1888	1800 x 800 x 800	inch	77.31	31.50	31.50	66.81	17.00	17.5	68.75	26.25	320
		mm	1964	800	800	1697	432	445	1746	667	
IME18105	1800 x 1000 x 500	inch	77.31	39.37	19.63	66.81	24.06	10.5	68.75	34.12	345
		mm	1964	1000	498	1697	611	267	1746	867	
IME18106	1800 x 1000 x 600	inch	77.31	39.37	23.63	66.81	24.06	10.5	68.75	34.12	350
		mm	1964	1000	600	1697	611	267	1746	867	
IME18108	1800 x 1000 x 800	inch	77.31	39.37	31.50	66.81	24.06	17.5	68.75	34.12	360
		mm	1964	1000	800	1697	611	445	1746	867	
IME2064	2000 x 600 x 400	inch	86.06	23.00	15.75	75.56	13.00	10.5	77.50	17.75	240
		mm	2186	584	400	1919	330	267	1969	451	
IME2065	2000 x 600 x 500	inch	86.06	23.00	19.63	75.56	13.00	10.5	77.50	17.75	250
		mm	2186	584	498	1919	330	267	1969	451	
IME2066	2000 x 600 x 600	inch	86.06	23.00	23.63	75.56	13.00	10.5	77.50	17.75	260
		mm	2186	584	600	1919	330	267	1969	451	
IME2068	2000 x 600 x 800	inch	86.06	23.00	31.50	75.56	13.00	17.5	77.50	17.75	285
		mm	2186	584	800	1919	330	445	1969	451	
IME2076	2000 x 700 x 600	inch	86.06	28.00	23.63	75.56	17.00	10.5	77.50	22.75	290
		mm	2186	711	600	1919	432	267	1969	578	
IME2078	2000 x 700 x 800	inch	86.06	28.00	31.50	75.56	17.00	17.5	77.50	22.75	305
		mm	2186	711	800	1919	432	445	1969	578	
IME2084	2000 x 800 x 400	inch	86.06	31.50	15.75	75.56	17.00	10.5	77.50	26.25	300
		mm	2186	800	400	1919	432	267	1969	667	
IME2085	2000 x 800 x 500	inch	86.06	31.50	19.63	75.56	17.00	10.5	77.50	26.25	310
		mm	2186	800	498	1919	432	267	1969	667	
IME2086	2000 x 800 x 600	inch	86.06	31.50	23.63	75.56	17.00	10.5	77.50	26.25	320
		mm	2186	800	600	1919	432	267	1969	667	
IME2088	2000 x 800 x 800	inch	86.06	31.50	31.50	75.56	17.00	17.5	77.50	26.25	340
		mm	2186	800	800	1919	432	445	1969	667	
IME20105	2000 x 1000 x 500	inch	86.06	39.37	19.63	75.56	24.06	10.5	77.50	34.12	375
		mm	2186	1000	498	1919	611	267	1969	867	
IME20106	2000 x 1000 x 600	inch	86.06	39.37	23.63	75.56	24.06	10.5	77.50	34.12	385
		mm	2186	1000	600	1919	611	267	1969	867	
IME20108	2000 x 1000 x 800	inch	86.06	39.37	31.50	75.56	24.06	17.5	77.50	34.12	390
		mm	2186	1000	800	1919	611	445	1969	867	

Inches are precise, metric for reference only.

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

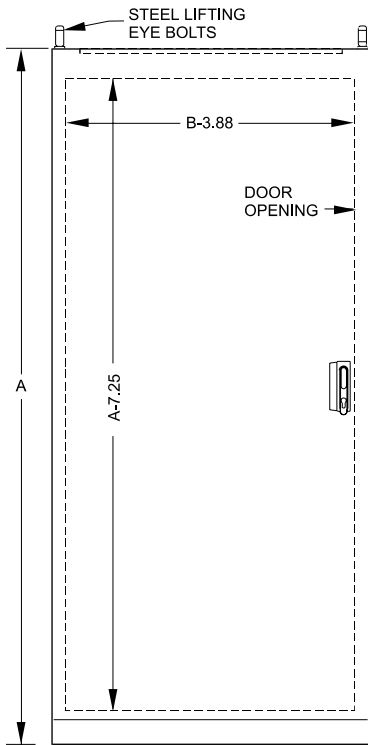
All dimensions in inches unless specified otherwise

Modular Freestanding Enclosures - NEMA 12

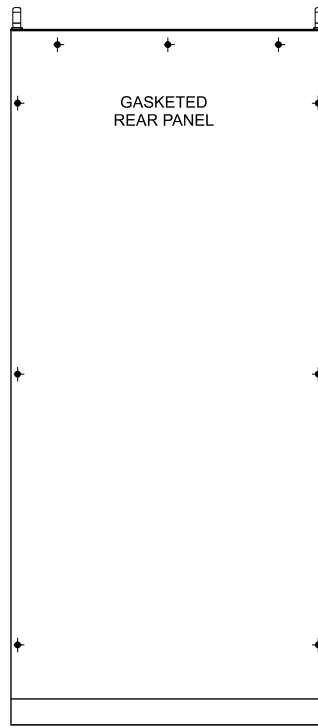
IME Series Single Door Enclosure

Modular Freestanding

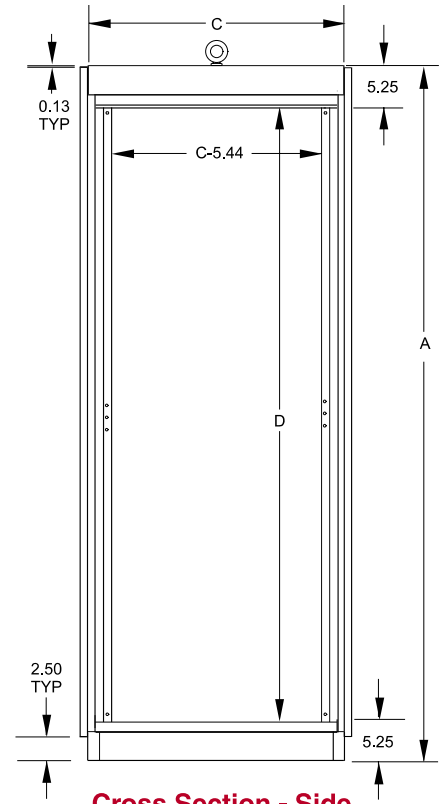
Single Door Enclosures



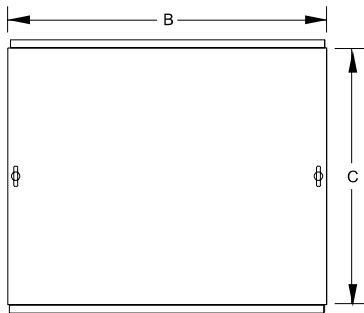
Front View



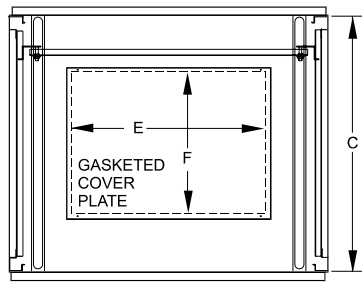
Rear View



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