

*Modular Freestanding*



# Modular Freestanding Enclosures

**Modular Freestanding**



Modular Freestanding Enclosures -  
IME Series Single Door Enclosure  
NEMA 12 ..... **226**



Modular Freestanding Enclosures -  
IMET Series Double Door Enclosure  
NEMA 12 ..... **230**



Modular Freestanding Enclosures -  
IFMD Series Flange Mount  
Disconnect Enclosure  
NEMA 12 ..... **234**



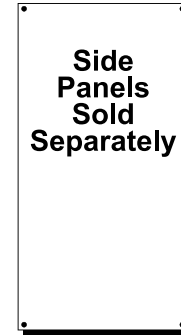
Modular Freestanding Enclosures -  
IPC Series PC Enclosure  
NEMA 12 ..... **236**

Modular Freestanding Enclosures -  
Accessories ..... **238**

# 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

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

All dimensions in inches unless specified otherwise

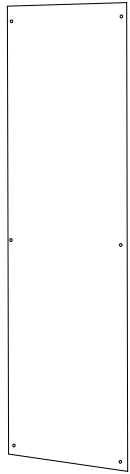
# Modular Freestanding Enclosures - NEMA 12

## IME Series Single Door Enclosure

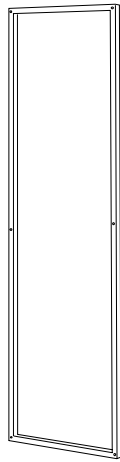
Modular Freestanding

Single Door Enclosures

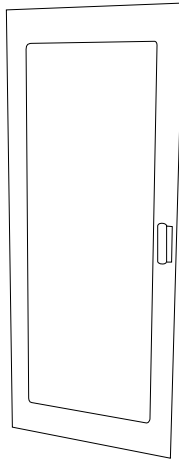
### External Accessories



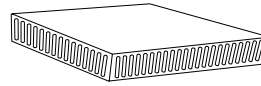
Side Panels  
...see page **238**



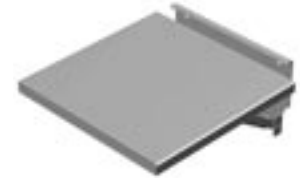
Joining Kit  
...see page **240**



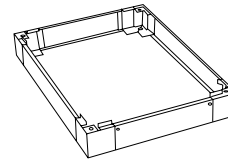
Solid and Window Doors  
...see page **241**



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

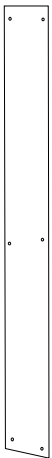


Fold Down Shelf  
...see page **243**

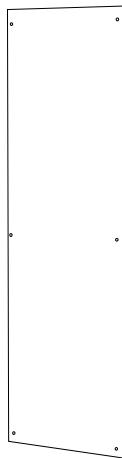


Plinth  
...see page **243**

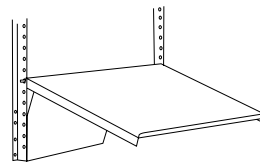
### Internal Accessories



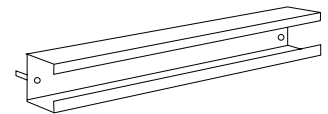
Bridge Panel  
...see page **238**



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

Modular Freestanding

Single Door Enclosures

Part No.	Nominal Dimensions		Overall Dimensions						Mtg. Panel Height	Dimensions Width	Ship Wt. lbs
	A x B x C (mm)		A	B	C	D	E	F			
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.hammmfg.com](http://www.hammmfg.com)

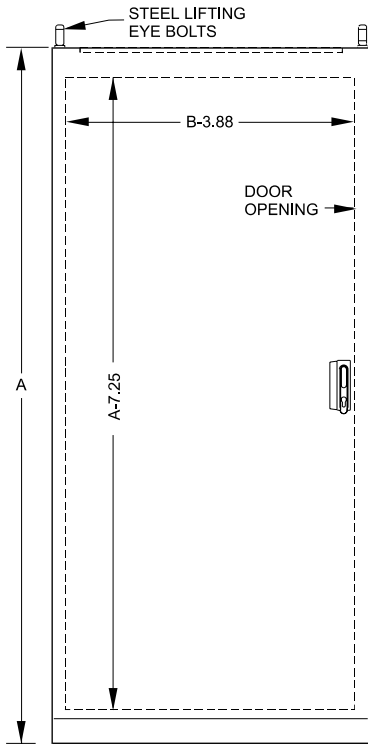
All dimensions in inches unless specified otherwise

# Modular Freestanding Enclosures - NEMA 12

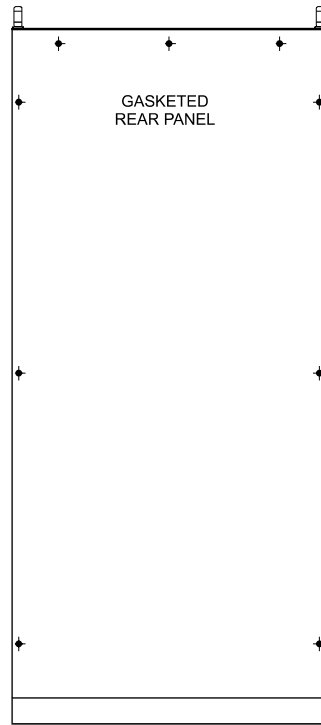
## IME Series Single Door Enclosure

Modular Freestanding

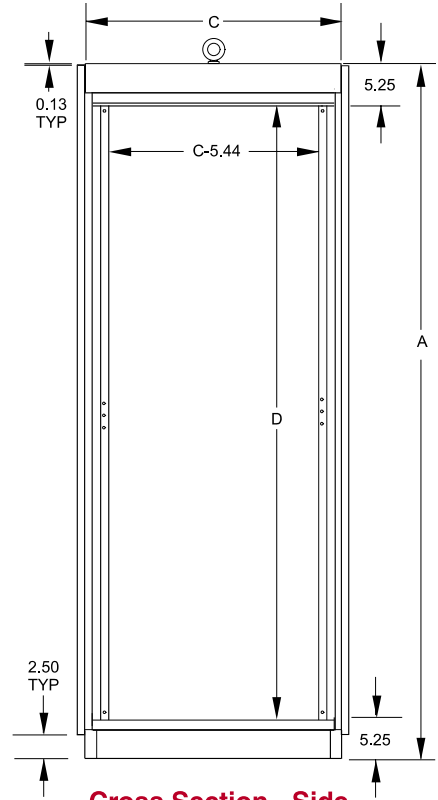
Single Door Enclosures



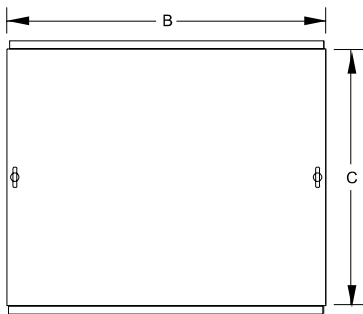
**Front View**



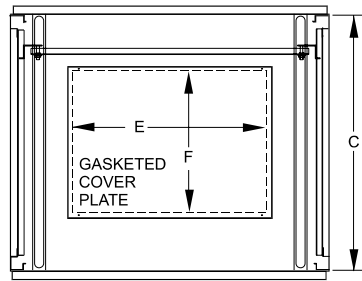
**Rear View**



**Cross Section - Side**



**Top View - Door  
Installed**



**Cross Section - Bottom**

### Maximum Usable Depth

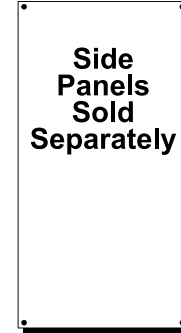
Panel in Full Back Position

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

# Modular Freestanding Enclosures - NEMA 12

## IMET Series Double Door Enclosure

Modular Freestanding



Double Door Enclosures

### Application

- The IMET 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
- 2 removable bottom panels
- 2 solid overlapping front doors with key locking handle
- Removable rear cover panels
- 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 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
- Power bars...see page 438-441
- Side mount inner panels...see page 239
- Side panels...see page 238
- Tamper resistant screws...see page 245
- Top mount fan...see page 363

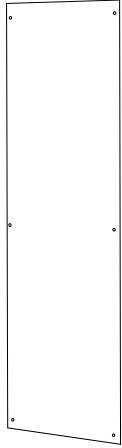
# Modular Freestanding Enclosures - NEMA 12

## IMET Series Double Door Enclosure

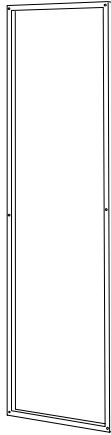
Modular Freestanding

Double Door Enclosures

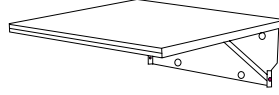
### External Accessories



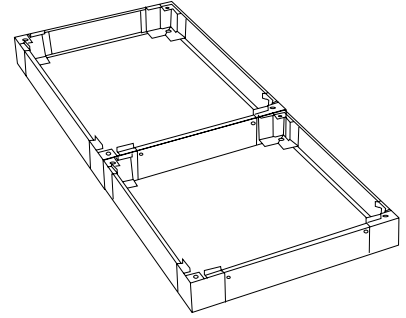
Side Panels  
...see page 238



Joining Kit  
...see page 240

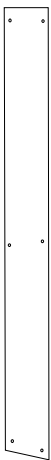


Fold Down Shelf  
...see page 243

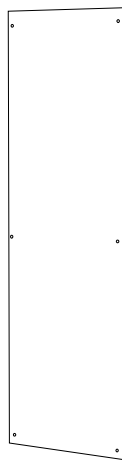


Plinths  
...see page 243

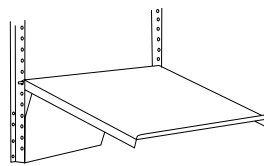
### Internal Accessories



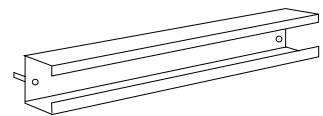
Bridge Panel  
...see page 238



Additional Inner Panels  
...see page 237



Door Shelf  
...see page 243



Center Depth Support  
...see page 243

For Additional Accessories...see page 238-247

# Modular Freestanding Enclosures - NEMA 12

## IMET Series Double Door Enclosure

Modular Freestanding

Double Door Enclosures

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
<b>IMET16126</b>	1600 x 1200 x 600	inch mm	70.31 1786	45.22 1149	23.63 600	59.81 1519	13 330	10.5 267	61.75 1568	39.97 1015	410
<b>IMET16128</b>	1600 x 1200 x 800	inch mm	70.31 1786	45.22 1149	31.50 800	59.81 1519	13 330	17.5 445	61.75 1568	39.97 1015	425
<b>IMET18124</b>	1800 x 1200 x 400	inch mm	77.31 1964	45.22 1149	15.75 400	66.81 1697	13 330	10.5 267	68.75 1746	39.97 1015	405
<b>IMET18125</b>	1800 x 1200 x 500	inch mm	77.31 1964	45.22 1149	19.63 498	66.81 1697	13 330	10.5 267	68.75 1746	39.97 1015	415
<b>IMET18126</b>	1800 x 1200 x 600	inch mm	77.31 1964	45.22 1149	23.63 600	66.81 1697	13 330	10.5 267	68.75 1746	39.97 1015	425
<b>IMET18128</b>	1800 x 1200 x 800	inch mm	77.31 1964	45.22 1149	31.50 800	66.81 1697	13 330	17.5 445	68.75 1746	39.97 1015	450
<b>IMET18165</b>	1800 x 1600 x 500	inch mm	77.31 1964	63.00 1600	19.63 498	66.81 1697	17 432	10.5 267	68.75 1746	57.75 1467	550
<b>IMET18166</b>	1800 x 1600 x 600	inch mm	77.31 1964	63.00 1600	23.63 600	66.81 1697	17 432	10.5 267	68.75 1746	57.75 1467	560
<b>IMET18168</b>	1800 x 1600 x 800	inch mm	77.31 1964	63.00 1600	31.50 800	66.81 1697	17 432	17.5 445	68.75 1746	57.75 1467	580
<b>IMET20124</b>	2000 x 1200 x 400	inch mm	86.06 2168	45.22 1149	15.75 400	75.56 1919	13 330	10.5 267	77.50 1969	39.97 1015	420
<b>IMET20125</b>	2000 x 1200 x 500	inch mm	86.06 2168	45.22 1149	19.63 498	75.56 1919	13 330	10.5 267	77.50 1969	39.97 1015	450
<b>IMET20126</b>	2000 x 1200 x 600	inch mm	86.06 2168	45.22 1149	23.63 600	75.56 1919	13 330	10.5 267	77.50 1969	39.97 1015	460
<b>IMET20128</b>	2000 x 1200 x 800	inch mm	86.06 2168	45.22 1149	31.50 800	75.56 1919	13 330	17.5 445	77.50 1969	39.97 1015	490
<b>IMET20165</b>	2000 x 1600 x 500	inch mm	86.06 2168	63.00 1600	19.63 498	75.56 1919	17 432	10.5 267	77.50 1969	57.75 1467	540
<b>IMET20166</b>	2000 x 1600 x 600	inch mm	86.06 2168	63.00 1600	23.63 600	75.56 1919	17 432	10.5 267	77.50 1969	57.75 1467	550
<b>IMET20168</b>	2000 x 1600 x 800	inch mm	86.06 2168	63.00 1600	31.50 800	75.56 1919	17 432	17.5 445	77.50 1969	57.75 1467	570

### Maximum Usable Depth

Panel in Full Back Position

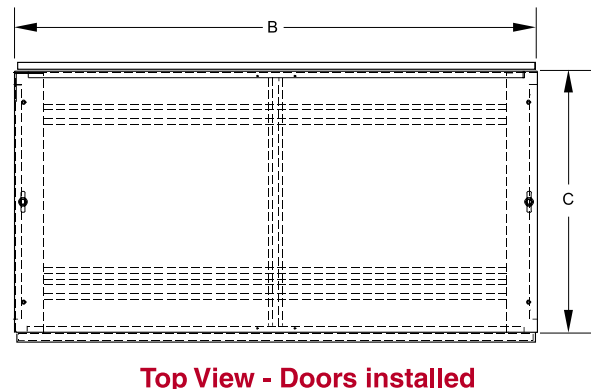
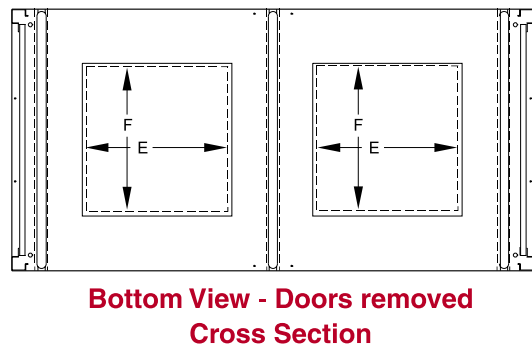
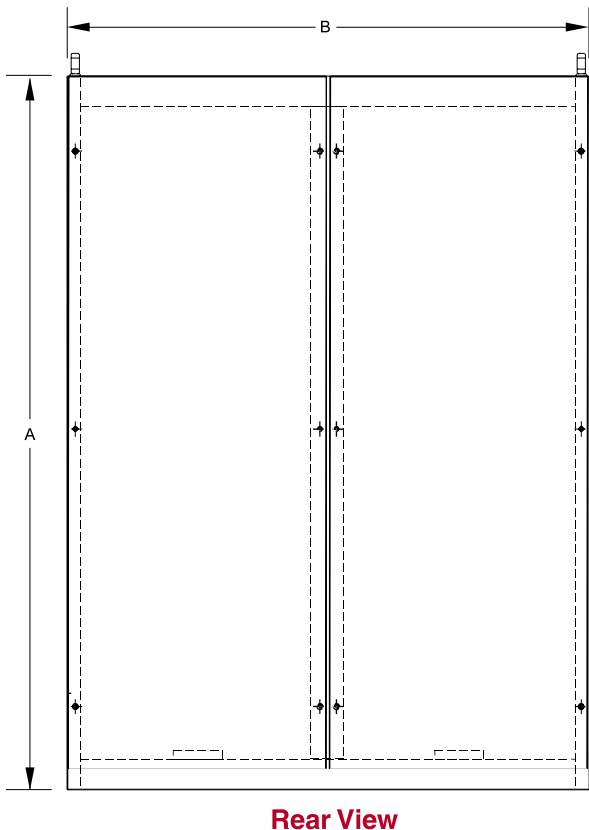
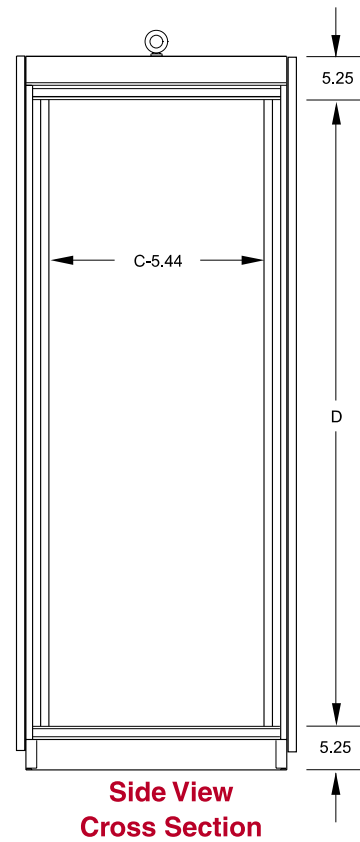
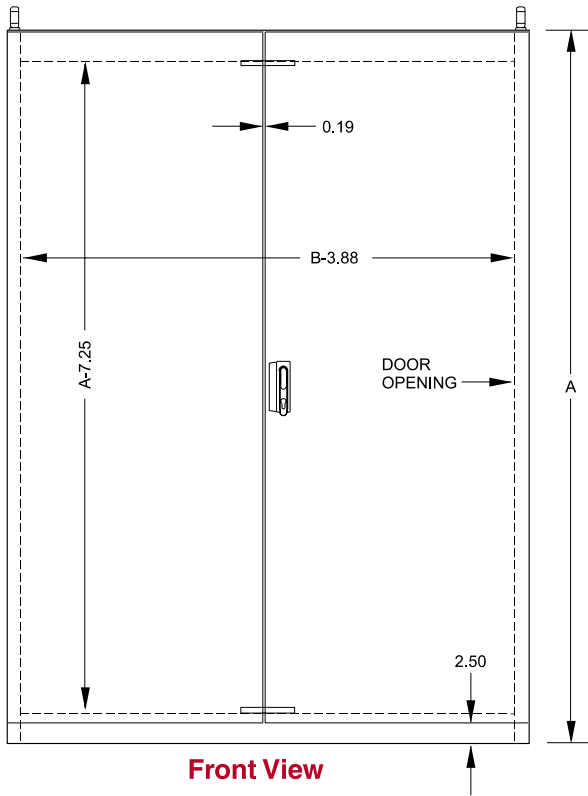
Cabinet Depth (mm)	Without Bridge Panel (Inches)	With Bridge Panel (Inches)
400	14.63	13.88
500	18.50	17.75
600	22.50	21.75
800	30.38	29.63

# Modular Freestanding Enclosures - NEMA 12

## IMET Series Double Door Enclosure

Modular Freestanding

Double Door Enclosures



Note: 1600 mm wide feature 2 piece rear cover;  
1200 mm wide feature 1 piece rear cover.

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

All dimensions in inches unless specified otherwise

**Quality Enclosures. Service Excellence.**

# Modular Freestanding Enclosures - NEMA 12

## IFMD Series Flange Mount Disconnect Enclosure

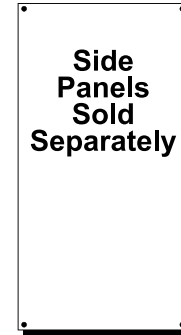
ABB, Allen Bradley, C-H Westinghouse, General Electric STDA, I-T-E Siemens Max-Flex™, Square D

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

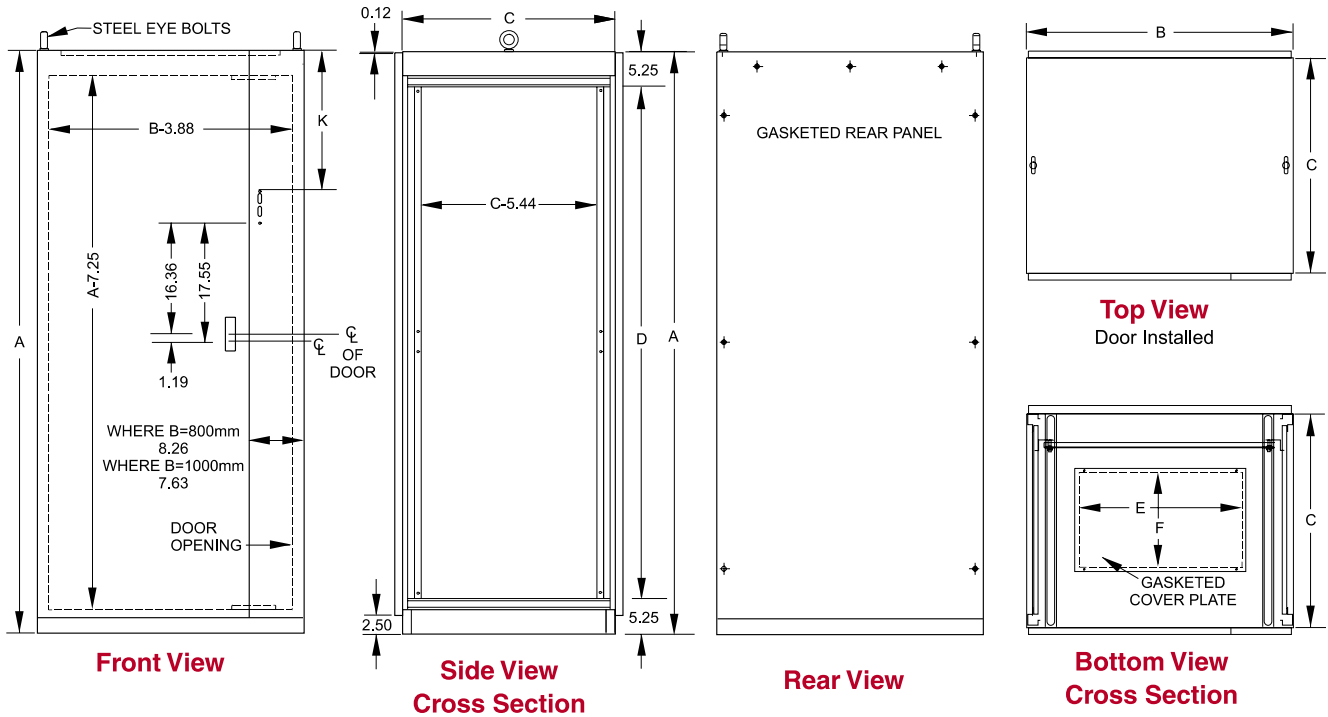
- Additional inner panels...see page 239
- Air conditioners...see page 388-405
- Bridge panel...see page 238
- Caster assembly - inside mounting...see page 246
- Caster assembly - outside mounting...see page 246
- Center depth support...see page 243
- Door mount rails...see page 238
- Door shelf...see 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

Flange Mount Disconnect Enclosures

# 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

Flange Mount Disconnect Enclosures

### 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		
<b>IFMD1885</b>	1800 x 800 x 500	inch 77.31	31.50	19.63	66.81	17.00	10.5	68.75	26.25	295	
<b>IFMD1886</b>	1800 x 800 x 600	inch 77.31	31.50	23.63	66.81	17.00	10.5	68.75	26.25	300	
<b>IFMD1888</b>	1800 x 800 x 800	inch 77.31	31.50	31.50	66.81	17.00	17.5	68.75	26.25	320	
<b>IFMD18105</b>	1800 x 1000 x 500	inch 77.31	39.37	19.63	66.81	24.06	10.5	68.75	34.12	345	
<b>IFMD18106</b>	1800 x 1000 x 600	inch 77.31	39.37	23.63	66.81	24.06	10.5	68.75	34.12	350	
<b>IFMD18108</b>	1800 x 1000 x 800	inch 77.31	39.37	31.50	66.81	24.06	17.5	68.75	34.12	360	
<b>IFMD2085</b>	2000 x 800 x 500	inch 86.06	31.50	19.63	75.56	17.00	10.5	77.50	26.25	310	
<b>IFMD2086</b>	2000 x 800 x 600	inch 86.06	31.50	23.63	75.56	17.00	10.5	77.50	26.25	320	
<b>IFMD2088</b>	2000 x 800 x 800	inch 86.06	31.50	31.50	75.56	17.00	17.5	77.50	26.25	340	
<b>IFMD20105</b>	2000 x 1000 x 500	inch 86.06	39.37	19.63	75.56	24.06	10.5	77.50	34.12	375	
<b>IFMD20106</b>	2000 x 1000 x 600	inch 86.06	39.37	23.63	75.56	24.06	10.5	77.50	34.12	385	
<b>IFMD20108</b>	2000 x 1000 x 800	inch 86.06	39.37	31.50	75.56	24.06	17.5	77.50	34.12	390	

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

All dimensions in inches unless specified otherwise

**Quality Enclosures. Service Excellence.**

# Modular Freestanding Enclosures - NEMA 12

## IPC Series PC Enclosure

Modular Freestanding



Window Door



Solid Door



### Application

- The IPC product line provides users with a rugged housing for industrial control, operator interface and computer equipment in harsh industrial environments.
- Modular design permits joining of units for large scale and mixed use applications.
- Increasingly, PC technology is utilized on the factory floor. The PC enclosure provides a secure housing for standard PC components.
- 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
- Provision for lifting eyebolts (included)
- 4 internal mounting rails
- Removable bottom panel
- Top window or solid door with key locking handle
- Monitor shelf (window door version)
- Drop down keyboard door with locking hardware
- Self contained keyboard compartment
- Pull-out keyboard shelf with left/right mouse tray
- Solid bottom door with key locking handle
- Solid full-height rear door with key locking handle
- Pair of solid side panels

### Construction

- Formed 14 gauge steel.
- Frame features welded corner reinforcements.
- Oil resistant gaskets are permanently secured on all openings.
- Frames are easily joined together with an optional joining kit.
- Doors can be easily removed.
- Formed 16 gauge steel side panels are recessed to fit flush with the sides of the cabinet.
- Bonding and grounding studs are provided for all doors and handles.

### Finish

- Phosphatized and finished in RAL 7032 beige powder coating.
- Monitor shelf is finished in RAL 7032 beige powder coating.
- Keyboard door is finished in black powder coating.

### Accessories

- Base inner panel...see page 242
- Caster assembly-inside mounting...see page 246
- Caster assembly-outside mounting...see page 246
- Door shelf...see page 243
- Fixed vented shelf...see page 242
- 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
- Plinth...see page 243
- Power bars...see page 438-441
- Printer shelf...see page 242
- Server shelf...see page 242
- Tamper resistant screws...see page 245
- Vented raised top...see page 240
- Top mount fan...see page 415

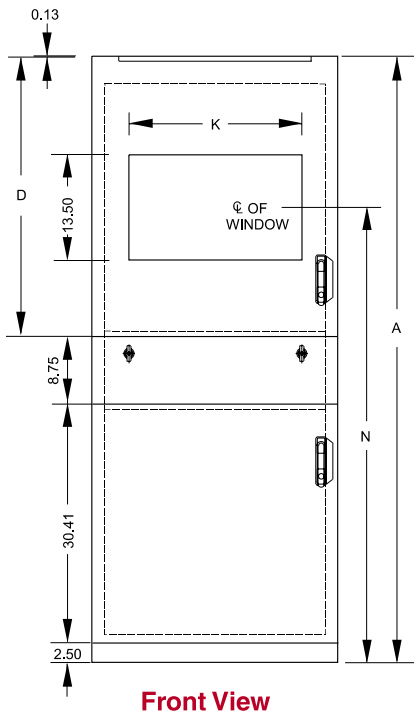
PC Enclosures

# Modular Freestanding Enclosures - NEMA 12

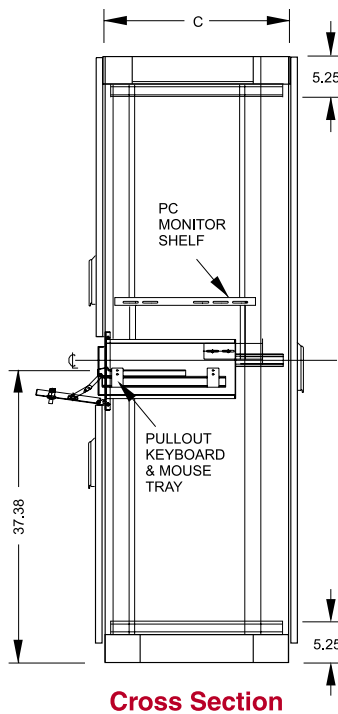
## IPC Series PC Enclosure

Modular Freestanding

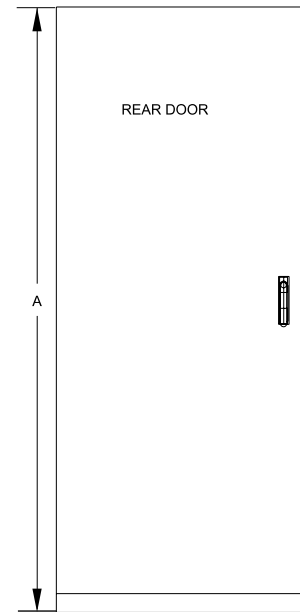
PC Enclosures



**Front View**



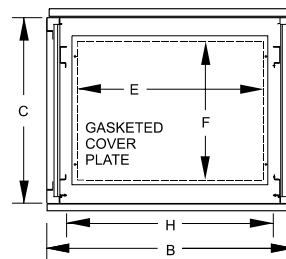
**Cross Section Side View**



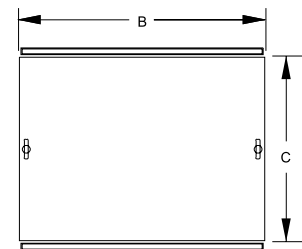
**Rear View**

### Keyboard Dimensions

Enclosure Width (mm)		Maximum Keyboard Width
700	inch	20.0
	mm	508
800	inch	24.0
	mm	610



**Cross Section - Bottom View**



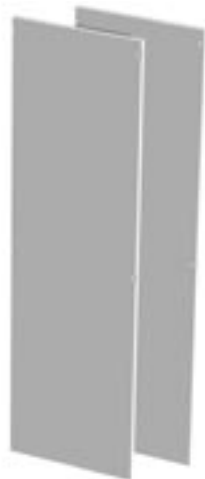
**Top View**  
Doors Installed

Window Door Part No.	Solid Door Part No.	Nominal Dimensions A x B x C (mm)	Overall Dimensions										Ship Wt. lbs
			A	B	C	D	E	F	H	K	N		
IPC1676	IPC1676ST	1600 x 700 x 600	inch	70.31	28.00	23.63	26.66	17	10.5	22.8	18	54	340
			mm	1786	711	600	677	432	267	579	457	1372	
IPC1678	IPC1678ST	1600 x 700 x 800	inch	70.31	28.00	31.50	26.66	17	17.5	22.8	18	54	355
			mm	1786	711	800	677	432	445	579	457	1372	
IPC1686	IPC1686ST	1600 x 800 x 600	inch	70.31	31.50	23.63	26.66	24	10.5	26.3	22	54	350
			mm	1786	800	600	677	610	445	668	559	1372	
IPC1876	IPC1876ST	1800 x 700 x 600	inch	77.31	28.00	23.63	33.66	17	10.5	22.8	18	58	355
			mm	1964	711	600	855	432	267	579	457	1473	
IPC1878	IPC1878ST	1800 x 700 x 800	inch	77.31	28.00	31.50	33.66	17	17.5	22.8	18	58	380
			mm	1964	711	800	855	432	445	579	457	1473	
IPC1886	IPC1886ST	1800 x 800 x 600	inch	77.31	31.50	23.63	33.66	24	10.5	26.3	22	58	370
			mm	1964	800	600	855	610	267	668	559	1473	

# Modular Freestanding Enclosures - NEMA 12

## Accessories

Modular Freestanding



### IME Side Panels

- Maintains UL/CSA Type 12 approvals.
- Screw fastens into frame.
- Bond studs provided for grounding.
- Finished in beige.
- Packaged in quantities of two.
- Optional tamper resistant screws available...see page 245.



Part No. (Pair)	For Use With Enclosure A x C (mm)
ISP166	1600 x 600
ISP168	1600 x 800
ISP184	1800 x 400
ISP185	1800 x 500
ISP186	1800 x 600
ISP188	1800 x 800
ISP204	2000 x 400
ISP205	2000 x 500
ISP206	2000 x 600
ISP208	2000 x 800



### IME Bridge Panel

- Mounts between inner panels of joined enclosures.
- Finished in white.



Part No.	For Use With Enclosure Nominal Height (mm)	Overall Dimensions		
			Height	Width
IBP16	1600	inch	59.31	5.13
		mm	1507	130
IBP18	1800	inch	66.31	5.13
		mm	1684	130
IBP20	2000	inch	75.06	5.13
		mm	1907	130



### IME Door Mount Rails

- Allows for a variety of door mounting applications.
- Mounts to studs on door.
- Finished in beige.
- Packaged in quantities of two.



Part No.	For Use With Enclosure Nominal Height (mm)	Usable Height
IDMR16	1600	inch 50.25
		mm 1276
IDMR18	1800	inch 57.25
		mm 1454
IDMR20	2000	inch 64.25
		mm 1632

Door Width (mm)	Door Mounting Rail Centers	
600	inch	16.13
	mm	410
700	inch	21.38
	mm	543
800	inch	21.38
	mm	543
1000	inch	31.00
	mm	787

# Modular Freestanding Enclosures - NEMA 12

Accessories

Modular Freestanding



## Additional Inner Panel

- For use with IME, IFMD and IMET Series.
- Can be used with IPC Series, must order IPC Base Panel Bracket (Part No. **IPCPSK**).
- Replacement or additional mounting panel (standard enclosures include 1 inner mounting panel).
- 12 gauge (IME, IFMD) or 10 gauge (IMET) steel panel.
- Comes complete with all mounting hardware.
- Finished in white.

Part No	Fits IME/IMET/IFMD Nominal Dimension		Panel Size (In.)	
	A	B	Height	Width
IMEP166	1600	600	61.75	17.75
IMEP167	1600	700	61.75	22.75
IMEP168	1600	800	61.75	26.25
IMEP1612	1600	1200	61.75	40.00
IMEP186	1800	600	68.75	17.75
IMEP187	1800	700	68.75	22.75
IMEP188	1800	800	68.75	26.25
IMEP1810	1800	1000	68.75	34.12
IMEP1812	1800	1200	68.75	40.00
IMEP1816	1800	1600	68.75	57.75
IMEP206	2000	600	77.50	17.75
IMEP207	2000	700	77.50	22.75
IMEP208	2000	800	77.50	26.25
IMEP2010	2000	1000	77.50	34.12
IMEP2012	2000	1200	77.50	40.00
IMEP2016	2000	1600	77.50	57.75

## Side Mount Inner Panel

- For use with IME, IFMD and IMET Series only
- 12 gauge steel.
- Comes complete with all mounting hardware.
- Finished in white.



Part No.	For Use With Enclosure A x C (mm)	Height	Width
IMEPS166	1600 x 600	62.75	17.12
IMEPS168	1600 x 800	62.75	25.00
IMEPS184	1800 x 400	69.75	9.25
IMEPS185	1800 x 500	69.75	13.12
IMEPS186	1800 x 600	69.75	17.12
IMEPS188	1800 x 800	69.75	25.00
IMEPS204	2000 x 400	78.50	9.25
IMEPS205	2000 x 500	78.50	13.12
IMEPS206	2000 x 600	78.50	17.12
IMEPS208	2000 x 800	78.50	25.00

# Modular Freestanding Enclosures - NEMA 12

## Accessories

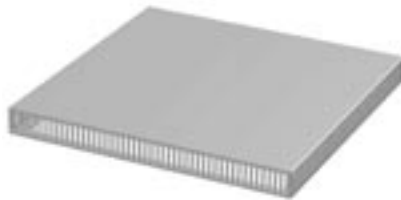
Modular Freestanding



### IME Joining Kit

- Connects side by side units at 6 points.
- Maintains UL/CSA Type 12 approvals.
- Finished in beige.

Part No.	For Use With Enclosure A x C (mm)
IJK166	1600 x 600
IJK168	1600 x 800
IJK184	1800 x 400
IJK185	1800 x 500
IJK186	1800 x 600
IJK188	1800 x 800
IJK204	2000 x 400
IJK205	2000 x 500
IJK206	2000 x 600
IJK208	2000 x 800



### Vented Raised Top

- For use with IME, IFMD and IPC Series only.
- Provides top ventilation in enclosure.
- Cutout diagram provided.
- Comes complete with all mounting hardware.
- Finished in beige.



Part No	Fits IME/IPC/IFMD Nominal Dimension		Actual Outside Dimension		
	B(mm)	C(mm)	A(In.)	B(In.)	C(In.)
IPT64	600	400	2.00	13.13	13.75
IPT65	600	500	2.00	13.13	17.63
IPT66	600/700	600	2.00	13.13	21.63
IPT68	600/700	800	2.00	13.13	29.50
IPT84	800	400	2.00	21.63	13.75
IPT85	800/1000	500	2.00	21.63	17.63
IPT86	800/1000	600	2.00	21.63	21.63
IPT88	800/1000	800	2.00	21.63	29.50

# Modular Freestanding Enclosures - NEMA 12

Accessories

Modular Freestanding



## Window Door

- For use with IME Series only.
- Provides maximum viewing area of enclosed equipment.
- Maintains NEMA 12 rating.
- UL 94-VO polycarbonate window.
- Removable and reversible for left or right hand opening.
- **NOTE:** Left hand opening will not work with interlock kits.
- Complete with locking handle and required mounting hardware.
- Finished in beige.

Part No	For Use With Enclosure A x B (mm)	Viewing Area (In.)	
		A	B
IMEWD166	1600 x 600	56.69	15.00
IMEWD167	1600 x 700	56.69	20.00
IMEWD168	1600 x 800	56.69	23.50
IMEWD186	1800 x 600	63.69	15.00
IMEWD187	1800 x 700	63.69	20.00
IMEWD188	1800 x 800	63.69	23.50
IMEWD1810	1800 x 1000	63.69	31.37
IMEWD206	2000 x 600	72.44	15.00
IMEWD207	2000 x 700	72.44	20.00
IMEWD208	2000 x 800	72.44	23.50
IMEWD2010	2000 x 1000	72.44	31.37



## Solid Door

- For use with the IME Series only.
- Maintains NEMA 12 rating.
- Constructed of 14 gauge steel.
- Smooth action handle provides solid NEMA 12 seal.
- Quick release hinge design allows for easy removal.
- Can fit either front or back of frame.
- Complete with locking handle and required mounting hardware.
- Finished in beige.

Part No.	For Use With Enclosure A x B (mm)
IMESD166	1600 x 600
IMESD167	1600 x 700
IMESD168	1600 x 800
IMESD186	1800 x 600
IMESD187	1800 x 700
IMESD188	1800 x 800
IMESD1810	1800 x 1000
IMESD206	2000 x 600
IMESD207	2000 x 700
IMESD208	2000 x 800
IMESD2010	2000 x 1000

# Modular Freestanding Enclosures - NEMA 12

## Accessories

Modular Freestanding



Printer Shelf

### IPC Enclosure Shelves

- Pull-out printer shelf with 3 levels for printer, paper feed and paper collection, finished in black.
- Pull-out server shelf with handle for convenience, finished in white.
- Slides included.

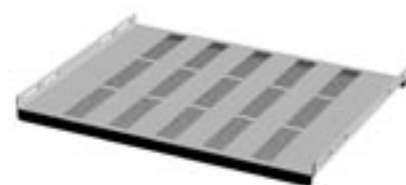


Printer Shelf Part No.	For Use with Enclosure Nominal Width	Usable Shelf Dimensions			
		Height	Width	Depth	
IPCPS7	700mm	inch	12.25	21.59	19.00
		mm	311	548	483
IPCPS8	800mm	inch	12.25	25.09	19.00
		mm	311	637	483



Server Shelf

Server Shelf Part No.	For Use with Enclosure Nominal Width x Depth	Usable Shelf Dimensions		
		Width	Depth	
IPCSS76	700mm x 600mm	inch	21.56	16.00
		mm	548	406
IPCSS78	700mm x 800mm	inch	21.56	23.88
		mm	548	607
IPCSS86	800mm x 600mm	inch	25.15	16.00
		mm	639	406



### IPC Fixed Vented Shelf

- For use with IPC Series only (**NOTE:** standard IPC enclosure with window includes 1 Fixed Vented Shelf for top section as standard).
- Vented shelf provides a sturdy shelf while still allowing air flow.
- Comes complete with all mounting hardware.
- Finished in beige.

Part No	Fits IPC Nominal Dimension		Shelf Size (In.)	
	B	C	W	D
	IPCFSV76	700	600/800	22.75
IPCFSV86	800	600	26.25	18.00



### IPC Base Inner Panel

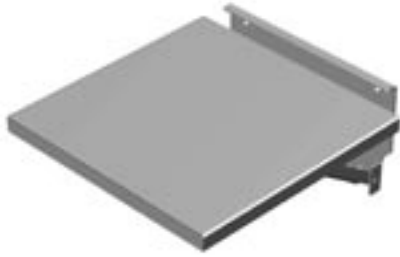
- For use with IPC Series only
- Provides electrical panel mounting in bottom compartment of IPC enclosure.
- 12 gauge steel panel.
- Comes complete with all mounting hardware.
- Finished in white.
- Not compatible when using IPC shelves.

Part No	Fits IPC Nominal Dim.		Panel Size (In.)	
	B	C	Ht	Width
	IPCBP76	700	600	27.50
IPCBP78	700	800	27.50	22.25
IPCBP86	800	600	27.50	25.75



## Modular Freestanding Enclosures - NEMA 12

### Accessories



### Fold Down Shelf

- Supports various equipment used temporarily to service/program switchgear inside enclosures.
- Mounts with bolts through doors or sides.
- Weight capacity 100 lbs.
- Finished in beige.

Part No	Work Surface (In.)	
	W	D
<b>FDS1212</b>	12	12
<b>FDS1818</b>	18	18



### IME Door Shelf

- Mounts to studs on door or door mount rails (sold separately)...see page 232.
- Can be easily repositioned to various heights, quickly folds up and down.
- Finished in beige.

Part No.	For Use With Nominal Door Width (mm)	Shelf Dimensions	
		Width	Depth
<b>IDS6</b>	inch 600 mm	15.00 381	14.06 357
<b>IDS7</b>	inch 700, 800, 1000 mm	20.25 514	14.06 357



Note - subtract 200mm from nominal overall width of IFMD series units to determine main door width (e.g. 1000mm has 800mm door)



### Plinth

- Plinths install under enclosure for additional cable entry space or lift access.
- Adds 4" to overall enclosure height.
- 4 corners bolt to enclosure with 4 removable fill panels.
- Not compatible with leveling feet.
- Comes complete with all mounting hardware.
- Two plinths required for IMET, see chart.
- Finished in beige.

Part No	Fits IME/IPC/IFMD Nominal Dimension		IMET (2pc.)
	B	C	B
<b>IPL64</b>	600	400	1200
<b>IPL65</b>	600	500	1200
<b>IPL66</b>	600	600	1200
<b>IPL68</b>	600	800	1200
<b>IPL76</b>	700	600	N/A
<b>IPL78</b>	700	800	N/A
<b>IPL84</b>	800	400	N/A
<b>IPL85</b>	800	500	1600
<b>IPL86</b>	800	600	1600
<b>IPL88</b>	800	800	1600
<b>IPL105</b>	1000	500	2000
<b>IPL106</b>	1000	600	2000
<b>IPL108</b>	1000	800	2000



### IME Center Depth Support

- Provides additional support to enclosure or suites of joined enclosures housing heavy panel loads.
- Cannot be mounted where a bridge panel is installed.
- Recommended for IFMD enclosures.
- Packaged in quantities of two.
- Finished in beige.

Part No. (Pair)	Fits Enclosure Depth
<b>IMECDS4</b>	400 mm
<b>IMECDS5</b>	500 mm
<b>IMECDS6</b>	600 mm
<b>IMECDS8</b>	800 mm



# Modular Freestanding Enclosures - NEMA 12

## Accessories

Modular Freestanding



**Master Interlock Kit**



**Slave Interlock Kit**



**Slave Interlock Joining Kit**

### Interlock Hardware

- All kits maintain Type 12 approvals.
- **Master Interlock Kit** - for rightmost enclosure.
- **Slave Interlock Kit** - required for each slave door to be interlocked with master door.
- **Slave Interlock Joining Kit** - interlock rods for all single door cabinet widths (not required for first slave unit)
- Yellow zinc-dichromate plated.
- Not compatible with 2 door units (IMET Series).

Part No.	Description
<b>IMK</b>	Master Interlock Kit (master cabinet only)
<b>ISK16</b>	Slave Interlock Kit for 1600mm high (1 for each slave cabinet)
<b>ISK18</b>	Slave Interlock Kit for 1800mm high (1 for each slave cabinet)
<b>ISK20</b>	Slave Interlock Kit for 2000mm high (1 for each slave cabinet)
<b>ISKJ6<sup>1</sup></b>	Slave Interlock Joining Kit for 600mm wide
<b>ISKJ7<sup>1</sup></b>	Slave Interlock Joining Kit for 700mm wide
<b>ISKJ8<sup>1</sup></b>	Slave Interlock Joining Kit for 800mm wide
<b>ISKJ10<sup>1</sup></b>	Slave Interlock Joining Kit for 1000mm wide

<sup>1</sup> ISKJ only required to join slave unit to slave unit. For side by side slave units, ISKJ width refers to enclosure on right.



### Leveling Feet

- Set of 4 leveling feet available in non-skid or standard base.
- 4 leveling feet will support a maximum of 800 lbs.

Part No.	Description
<b>CLFKNS</b>	Non-skid rubber base
<b>CLFK</b>	Standard nylon base



### Literature Pocket Kit

- For use as additional or replacement literature pockets.
- Kit includes pocket, high strength two-sided adhesive tape and surface preparation swab.
- Plastic pocket is black.
- Packaged individually.

Part No.	Height	Width	Depth
<b>PKT66</b>	6	6	0.75
<b>PKT99</b>	6	9	0.75
<b>PKT1212</b>	12	12	2.50

# Modular Freestanding Enclosures - NEMA 12

## Accessories



Remote door switch not included - must be ordered separately.

### Light Kit & Accessories

- Light kits are offered in 18", 24" and 48" widths.
- Includes one outlet, features on/off switch.
- Can mount into light mounting channel, bolt through enclosure or by using magnet strip (available separately).
- Door switch available separately for automatic activation (Part No. **FLKDS**).
- T8 fluorescent bulb not included.

Part No.	Description
<b>FLK18T8<sup>1</sup></b>	18" Fluorescent Light Kit
<b>FLK24T8<sup>1</sup></b>	24" Fluorescent Light Kit
<b>FLK48T8<sup>1</sup></b>	48" Fluorescent Light Kit
<b>FLK18MM</b>	Magnet mount for 18" and 24" kit
<b>FLK48MM</b>	Magnet mount for 48" light kit
<b>FLKDS</b>	Remote Door Switch

<sup>1</sup> T8 fluorescent bulb not included



### IME Door Support Wheel

- Mounts to studs on door.
- Provides easier closing and extra support when significant weight is mounted on the door.

Part No.	IDSW
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### IME Tamper Resistant Screw Kit

- 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
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Component	# Screws Req'd	# Kits to Order
Side Panels (Pair)	8	1
Rear Panel (600, 700, 800 mm)	6	1
Rear Panel (1000 mm)	9	2
Rear Panel (1200, 1600 mm)	12	2

# Modular Freestanding Enclosures - NEMA 12

## Accessories

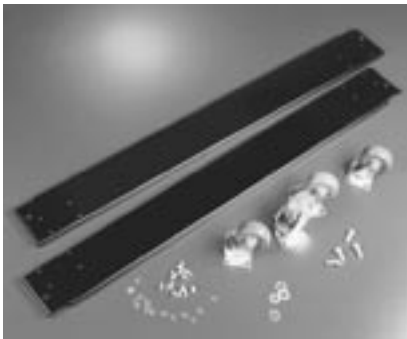
Modular Freestanding



### Caster Assembly - Outside Mounting

- Available in either locking or non-locking format.
- Sold in **pairs** allowing for mix of locking and non-locking on same cabinet.
- Wheels have a diameter of 3.5".
- No drilling required as casters fit into built-in caster mounts.
- Mounts outside integral plinth and adds 4.88" to overall cabinet height.
- Side, front or rear mounting.
- 1000 lb. weight capacity per set of four casters.
- Not recommended for use with 1200 or 1600 mm wide units.

Part No. (Pair)	Description
<b>CCSTL</b>	Locking
<b>CCSTN</b>	Non-Locking



### Caster Assembly - Inside Mounting

- Mounts **inside** integral plinth and adds 1.38" to overall cabinet height.
- 1080 lb. load capacity per set of four casters.
- Not recommended for 400 mm deep units.
- Packaged in quantities of four.
- Finished in black.

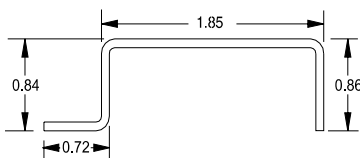
Part No.	Fits Enclosure Nominal Width (mm)
<b>ICST6</b>	600
<b>ICST7</b>	700
<b>ICST8</b>	800
<b>ICST10</b>	1000
<b>ICST12</b>	1200
<b>ICST16</b>	1600



### 19"/24" Mounting Rails

- Provides 19" rack mounting centers in 600mm wide units and 24" rack mounting centers in 700mm wide units.
- Pairs of rails are available with mounting hardware in zinc plated (ZPL) finishes.
- Tapped rails are made of 10 gauge steel, are tapped 10-32 with full EIA centers.

Combination Rails Tapped (Pair)	Fits Enclosure Height mm	Panel Height Inches	EIA Units
<b>CCR63TZPL</b>	1600	63.00	36
<b>CCR70TZPL</b>	1800	70.00	40
<b>CCR78TZPL</b>	2000	78.75	45



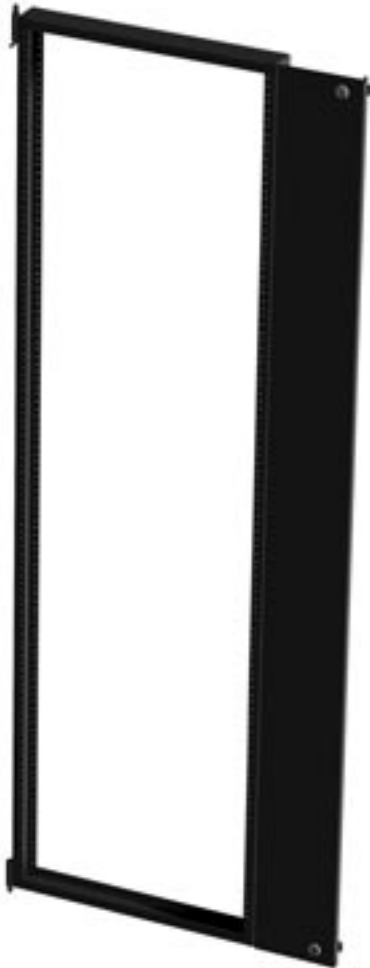
**Combination Rails**



# Modular Freestanding Enclosures - NEMA 12

Accessories

Modular Freestanding



## IME Series Swing Frame

- Provides 19" rack mounting in IME Series enclosures.
- Available for 700mm wide and 800mm wide cabinets.
- Can be hinged right or left.
- Can be mounted at any depth in the enclosure.
- Simple installation (4 bolts).
- Spring loaded hinge pins.
- Mounting holes tapped 10-32.
- Finished in flat black.

Part No	A	B	C	For Use With
<b>IMESWF167</b>	61.25	22.54	34 U	IME Frame 1600 high x 700
<b>IMESWF168</b>	61.25	26.04	34 U	IME Frame 1600 high x 800
<b>IMESWF187</b>	68.25	22.54	38 U	IME Frame 1800 high x 700
<b>IMESWF188</b>	68.25	26.04	38 U	IME Frame 1800 high x 800
<b>IMESWF207</b>	77.00	22.54	43 U	IME Frame 2000 high x 700
<b>IMESWF208</b>	77.00	26.04	43 U	IME Frame 2000 high x 800

