![Hammond Manufacturing Enclosures logo]

Modular Freestanding Enclosures - NEMA 12
IPC Series PC Enclosure

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**

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

All dimensions in inches unless specified otherwise

Quality Enclosures. Service Excellence.

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IPC Series PC Enclosure

Modular Freestanding

PC Enclosures
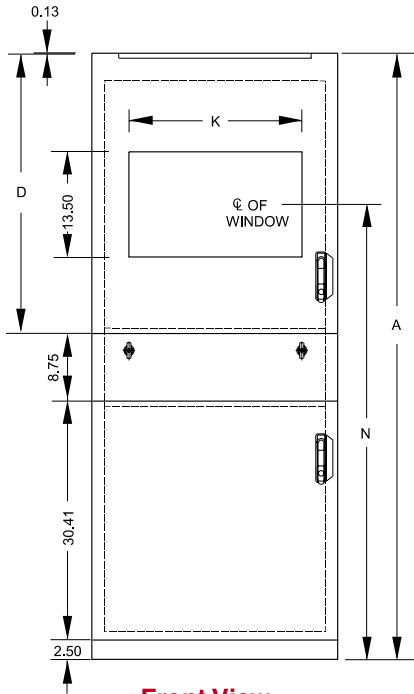
Front View
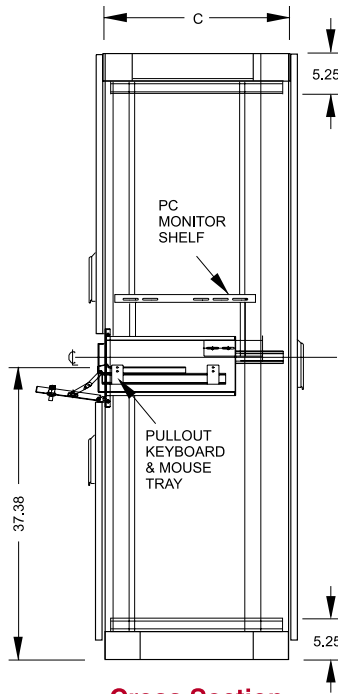
Cross Section Side View
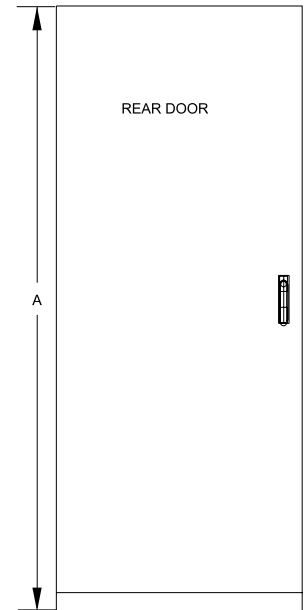
Rear View

Keyboard Dimensions

Enclosure Width (mm)		Maximum Keyboard Width
700	inch	20.0
	mm	*508*
800	inch	24.0
	mm	*610*
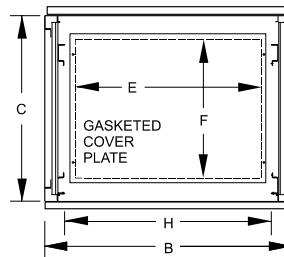
Cross Section - Bottom View
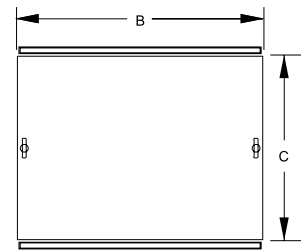
Top View
Doors Installed

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	

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