

OUR STORY

Established in 1955 as a small 13 person operation, The EMF Company has been manufacturing custom sheet metal enclosures for over 65 years. Through decades of experience, we have taken on every aspect of the manufacturing process and greatly expanded our products and capabilities to meet the needs of our customers.

Our now 65,000 square ft facility includes in-house machining, forming, welding, assembly and powder coating. This allows EMF to offer a wide range of products for our customers and deliver consistent quality with efficient lead times.

In 2021, EMF joined the MUM Industries umbrella of brands, allowing us to further expand our capabilities and better serve our customers around the world.



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NEMA RATINGS & PROTECTION

An Enclosure is a surrounding case constructed to provide a degree of protection against incidental contact with the enclosed equipment and to provide a degree of protection to the enclosed equipment against specified environmental conditions.

NEMA TYPE 1 – Enclosures constructed for indoor use to provide a degree of protection to the equipment inside the enclosure against limited amounts of falling dirt.

NEMA TYPE 3R – Enclosures constructed for either indoor or outdoor use to provide a degree of protection against rain, sleet, wind-blown dust, and will remain undamaged by the external formation of ice on the enclosure. A small drain hole on the bottom allows for ventilation and quick dispersion of any water that may enter the enclosure.

NEMA TYPE 4 – Enclosures constructed for either indoor or outdoor use with a dust-tight, water-tight seal to protect against windblown particles, rain, splashing water and hose-directed water. Will remain undamaged by the external formation of ice on the enclosure.

NEMA TYPE 4X/IP66 – Enclosures constructed for either indoor or outdoor use with a dust-tight, water-tight seal to protect against windblown dust and rain, splashing water, hose-directed water, and damage from external ice formation. Plus, an additional level of protection against corrosion.

NEMA TYPE 12 – Enclosures constructed (without knockouts) for indoor use to provide a degree of protection against circulating dust or fibers, falling dirt and dripping non-corrosive liquids.

NEMA TYPE 12K – Enclosures constructed (with knockouts) for indoor use to provide a degree of protection against circulating dust or fibers, falling dirt and dripping non-corrosive liquids.

NEMA TYPE 13 – Enclosures constructed for indoor use to provide a degree of protection against dust, spraying of water, oil, and noncorrosive coolants.

NEMA ENCLOSURE RATINGS																
		INDOOR USE					OUTDOOR USE									
		Type 1	Type 2	Type 5	Type 5 12/12K	Type 13	Type 3	Type 3S	Type 3X	Type 3SX	Type 3R	TYPE 3RX	Type 4	Type 4X	Type 6	Type 6P
SOLIDS	INCIDENTAL CONTACT	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●
	FALLING DIRT	●	●		●	●	●	●	●	●	●	●	●	●	●	●
	CIRCULATING DUST				●	●							●	●	●	●
	SETTLING AIRBORNE DUST			●	●	●							●	●	●	●
	WINDBLOWN DUST						●	●	●	●			●	●	●	●
LIQUIDS	LIGHT SPLASH		●	●	●	●	●	●	●	●	●	●	●	●	●	●
	HOSEDOWN & SPLASH												●	●	●	●
	TEMPORARY SUBMERSION														●	●
	PROLONGED SUBMERSION															●
	RAIN, SNOW & SLEET						●	●	●	●	●	●	●	●	●	●
	ICE LADEN							●		●						
CHEMICALS	OIL & COOLANT SEEPAGE				●	●										
	OIL & COOLANT SPLASH					●										
	CORROSION								●	●		●		●		●
Comparable IP Rating		IP 20	IP 22	IP 53	IP 54		IP 55				IP 24		IP 66		IP 67	IP 68

A close-up photograph of laboratory glassware, including several Erlenmeyer flasks and beakers containing a clear liquid, with a metal clamp visible in the foreground. The image is partially obscured by a white diagonal line.

WALL MOUNT ENCLOSURES

Our NEMA rated wall mount enclosures are designed to meet your specific needs and protect components in a wide range of environments. Choose from multiple door styles and latching options.

POPULAR APPLICATIONS

- Food Production & Packaging
- Chemical Mixing
- Pharmaceutical
- Crane control systems
- Water Treatment



One Door Type 1



PART NUMBERS ON PAGE 29



Standard Specifications

- Spot welded/skip welded construction
- Polyurethane gasket to soften door closing
- Continuous hinge with stainless steel pin
- Slotted quarter turn latch
- Mounting holes in back of enclosure
- Collar studs and mounting panel included
- Grounding stud on door
- Stiffener or thicker gauge material may apply to larger enclosures

Finish

All enclosures can be formed out of Stainless Steel, Aluminum, or Carbon Steel

- 16 gauge, 304 or 316 Stainless Steel or Carbon Steel
- 0.080" 5052 Aluminum
- Brushed & blended finish for stainless steel and aluminum enclosures
- ANSI 61 gray powder coating inside and out for carbon steel enclosures

Popular Add-Ons



Sub Panels



Three-Point Latches



Window Kits

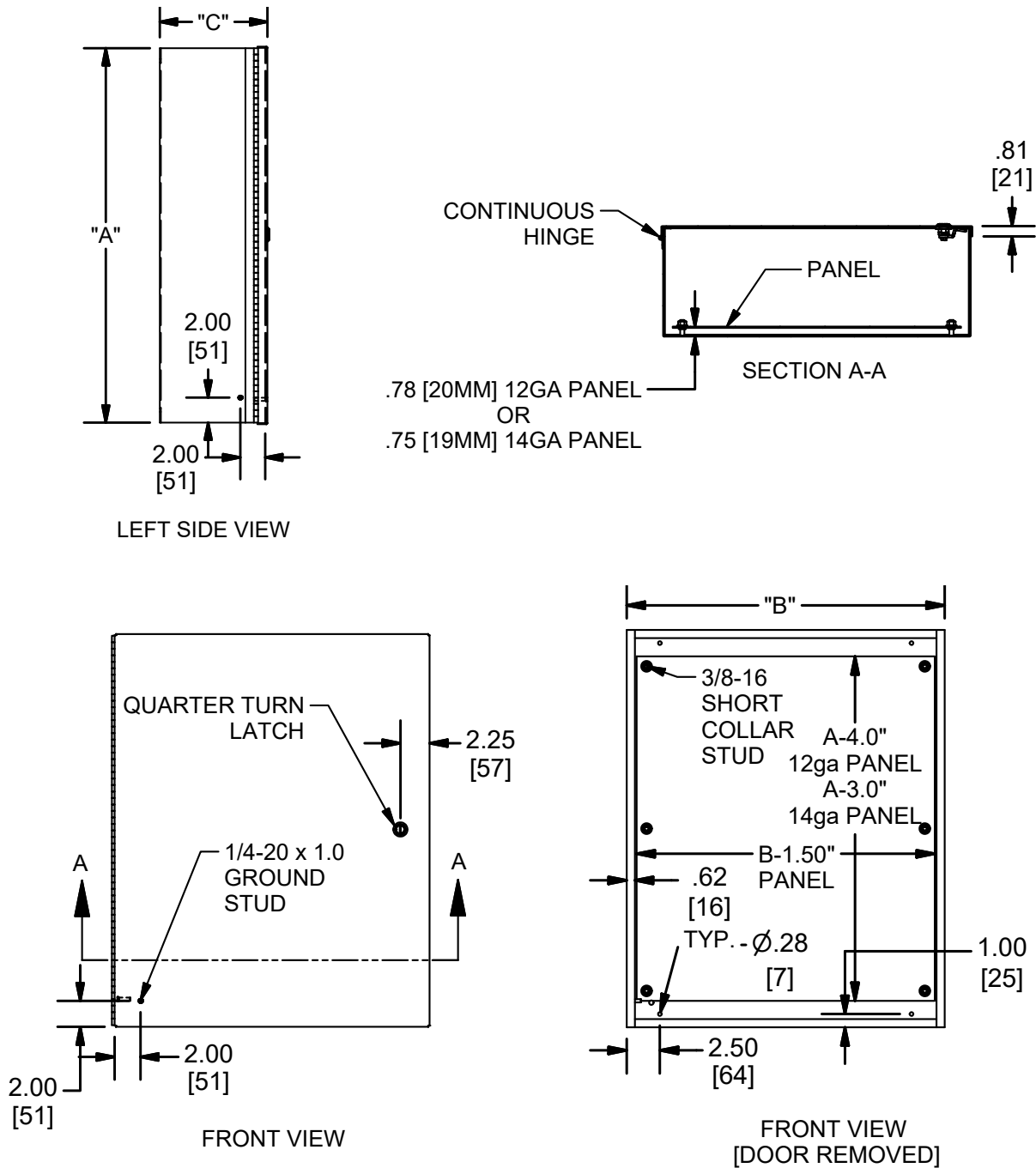


Louvers



Key Locking Quarter Turn Latch

One Door Type 1



14 GA. Panel (A-3") x (B-1.50") WHEN A ≤ 24" & B < 24" OR A < 24" & B ≤ 24"
 12 GA. Panel (A-3") x (B-1.50") WHEN A = 24" & B = 24"
 12 GA. Panel (A-4") x (B-1.50") WHEN A > 24" & B > 24"

For more information and detailed drawing files, visit www.emfcompany.com

Extra Large Type 1



Standard Specifications

- Spot welded/skip welded construction
- Polyurethane gasket to soften door closing
- Continuous hinge with stainless steel pin
- Quarter turn locking handle
- Mounting feet on top and bottom
- 3/8-16 collar studs and mounting panel included
- Grounding stud on door
- Stiffener or thicker gauge material may apply to larger enclosures

PART NUMBERS ON PAGE 29



Finish

All enclosures can be formed out of Stainless Steel, Aluminum, or Carbon Steel

- 16 gauge, 304 or 316 Stainless Steel or Carbon Steel
- 0.080" 5052 Aluminum
- Brushed & blended finish for stainless steel and aluminum enclosures
- ANSI 61 gray powder coating inside and out for carbon steel enclosures

Popular Add-Ons



Sub Panels



Alternative Handles



Window Kits

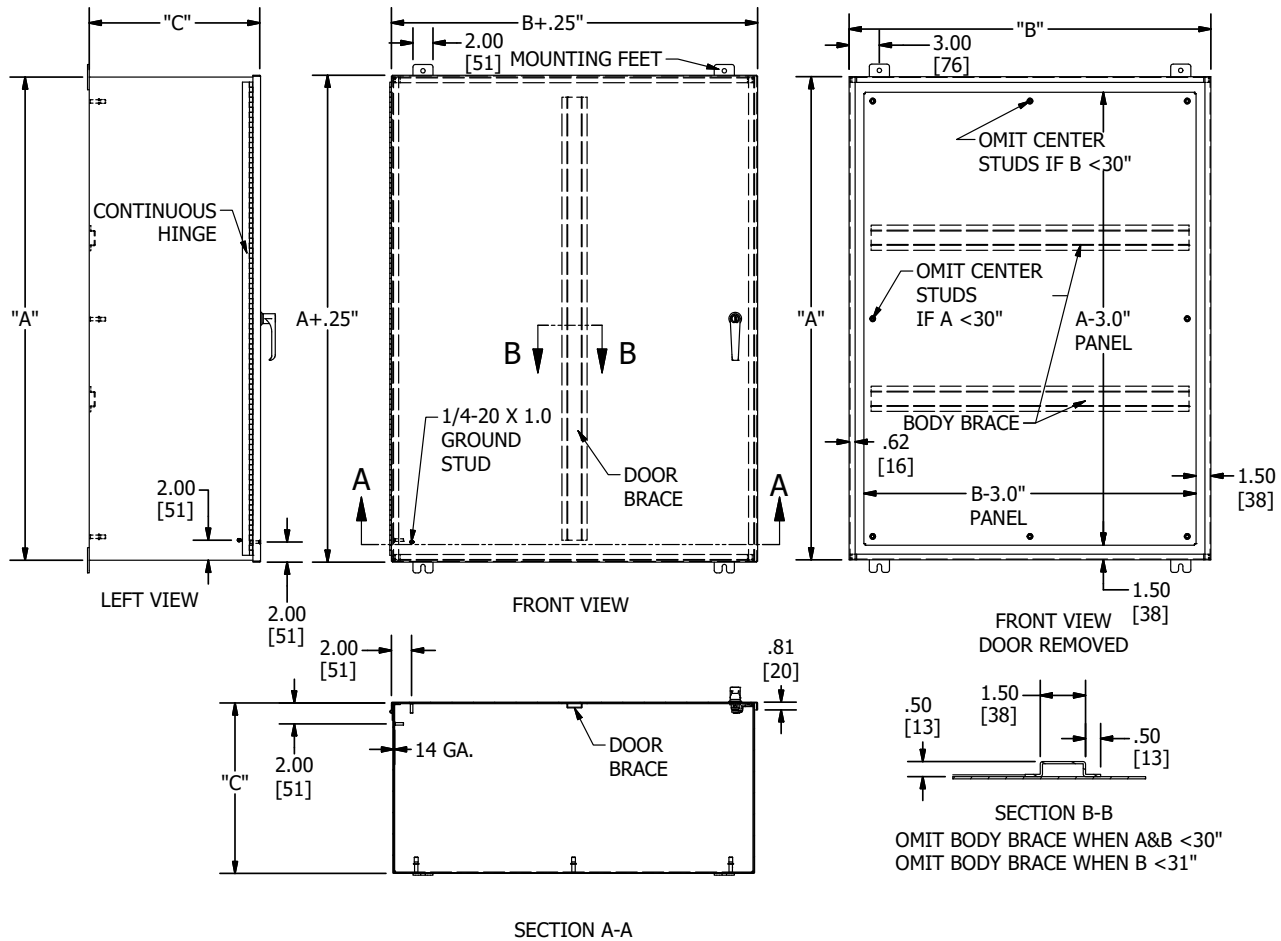


Louvers



Key Locking Quarter Turn Latch

Extra Large Type 1



For more information and detailed drawing files, visit www.emfcompany.com

One Door Type 3R



Standard Specifications

- Seams continuously welded and ground smooth
- Hybrid sealing flange around all sides of door face
- Oil resistant gasket
- Gasket retainer on steel enclosures
- Continuous hinge with stainless steel pin (Stainless Steel Hinge on SS models)
- Captivated screws hold door closed
- Pad lockable hasp and staple
- Mounting feet on top and bottom
- 3/8-16 collar studs or tap pads for mounting panel
- Grounding stud on door
- Drip shield across top edge
- Stiffener or thicker gauge material may apply to larger enclosures

PART NUMBERS ON PAGE 29



CSA - UL/cUL Listed, IEC 60529, IP14

Finish

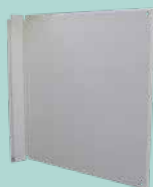
All enclosures can be formed out of Stainless Steel, Aluminum, or Carbon Steel

- 16 gauge, 304 or 316 Stainless Steel or Carbon Steel
- 0.080" 5052 Aluminum
- Brushed & blended finish for stainless steel and aluminum enclosures
- ANSI 61 gray powder coating inside and out for carbon steel enclosures

Popular Add-Ons



Sub Panels



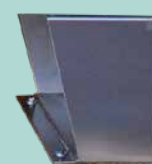
Swing Out Panels



Window Kits

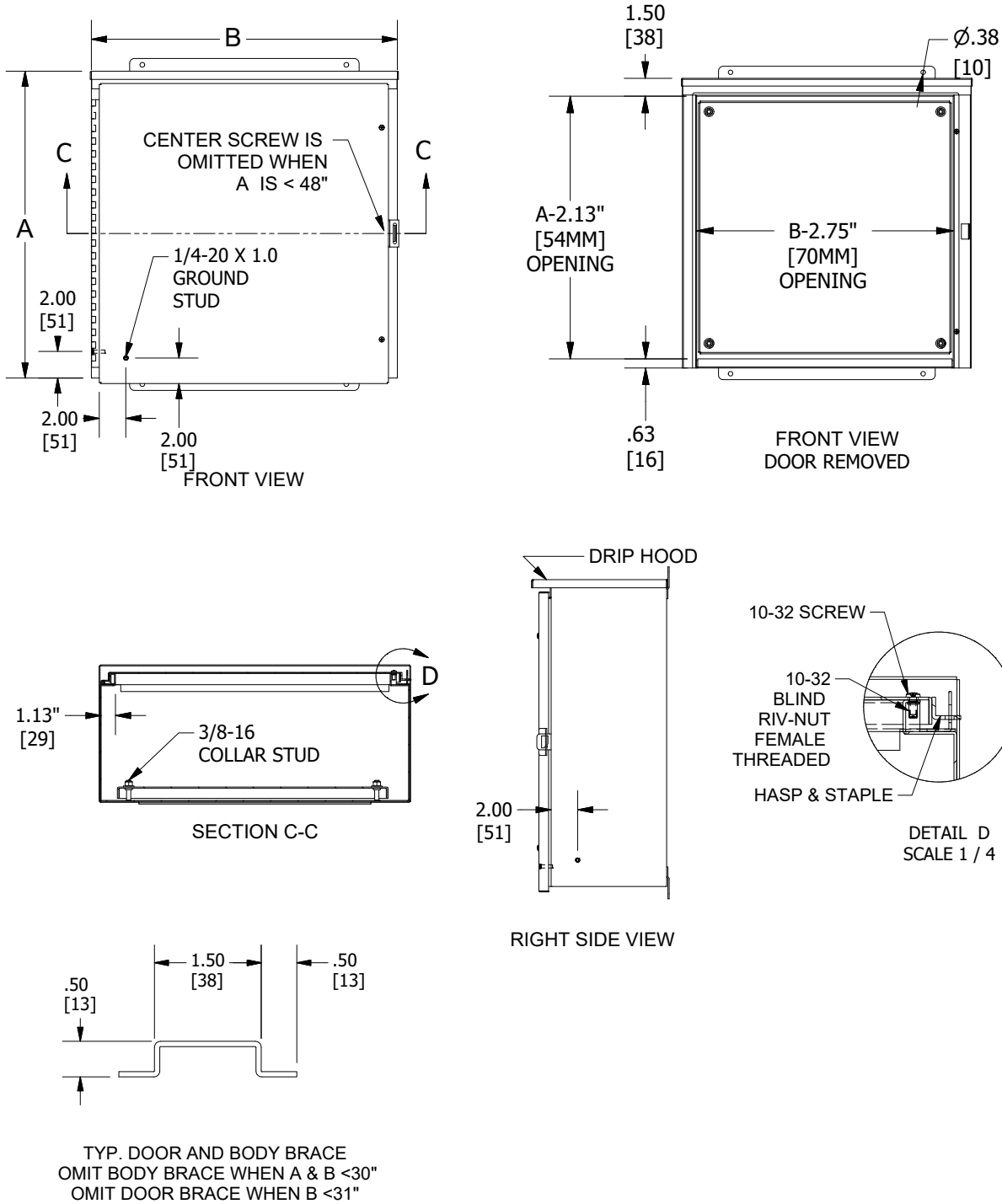


Louvers



Floor Stand Kit

One Door Type 3R



For more information and detailed drawing files, visit www.emfcompany.com

One Door Type 4/4x



Standard Specifications

- Seams continuously welded and ground smooth
- Return flange around all sides of door opening
- Oil resistant gasket
- Gasket retainer on steel enclosures
- Continuous hinge with stainless steel pin (Stainless Steel Hinge on SS models)
- Three point locking handle
- Mounting feet on top and bottom
- 3/8-16 collar studs for mounting panels
- Ground stud on door
- Stiffener or thicker gauge material may apply to larger enclosures

PART NUMBERS ON PAGE 30



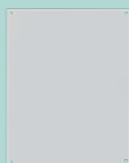
CSA - UL/cUL Listed, IEC 60529, IP66

Finish

All enclosures can be formed out of Stainless Steel, Aluminum, or Carbon Steel

- 16 gauge, 304 or 316 Stainless Steel or Carbon Steel
- 0.080" 5052 Aluminum
- Brushed & blended finish for stainless steel and aluminum enclosures
- ANSI 61 gray powder coating inside and out for carbon steel enclosures

Popular Add-Ons



Sub Panels



Floor Stand Kits



Window Kits

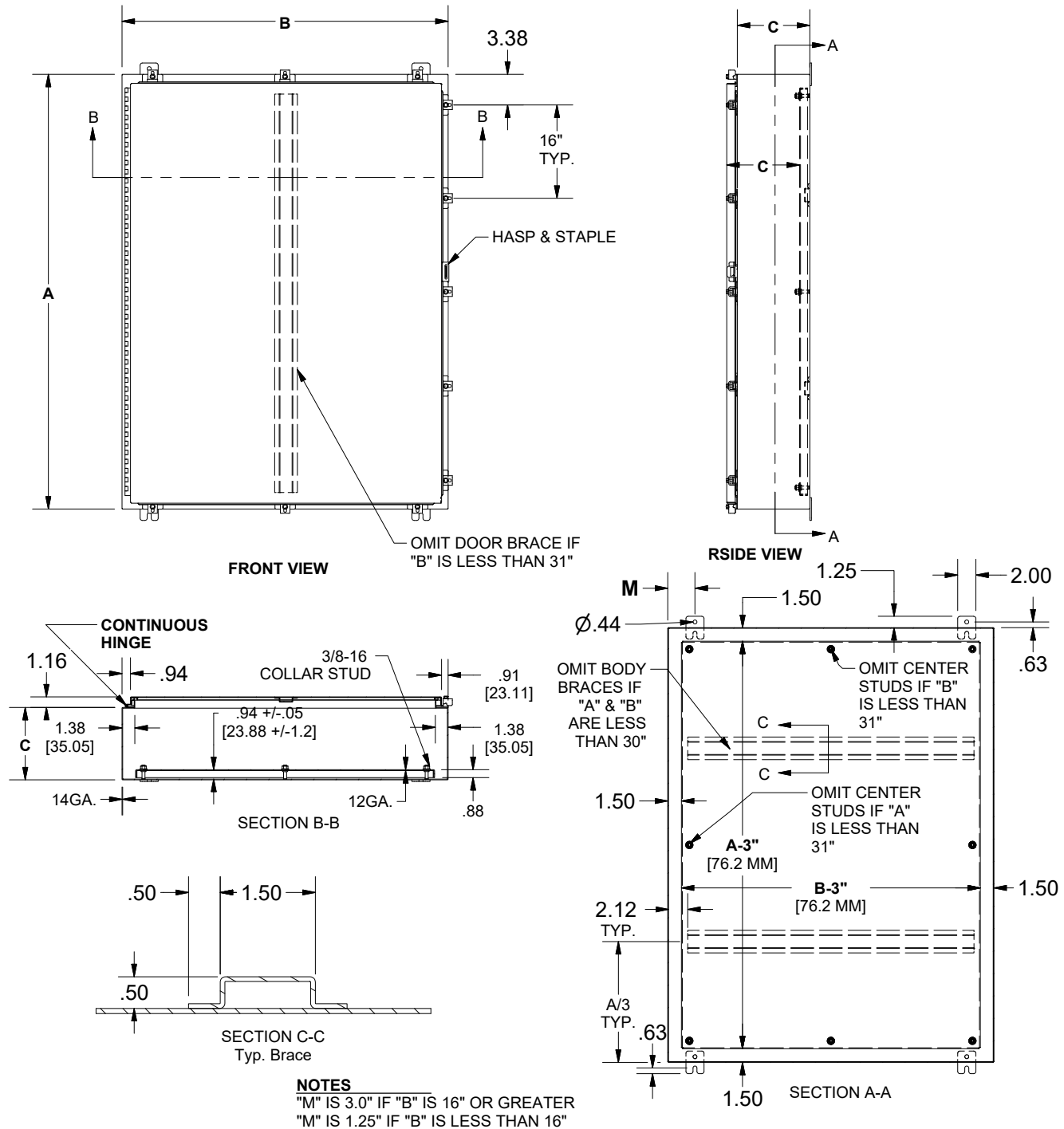


Louvers



Insulation

One Door Type 4/4x



For more information and detailed drawing files, visit www.emfcompany.com

Two Door Type 4/4x



Standard Specifications

- Seams continuously welded and ground smooth
- Return flange around all sides of door face
- Oil resistant gasket
- Gasket retainer on Steel enclosures
- Continuous hinge with stainless steel pin (Stainless Steel Hinge on SS models)
- Three point locking handle
- Mounting feet on top and bottom
- 3/8-16 collar studs for mounting panels
- Grounding stud on door
- Removable center post
- Stiffener or thicker gauge material may apply to larger enclosures

PART NUMBERS ON PAGE 30



Finish

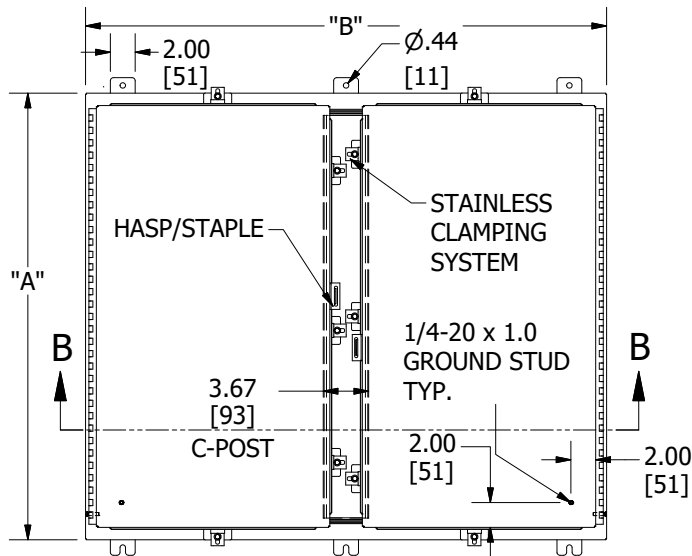
All enclosures can be formed out of Stainless Steel, Aluminum, or Carbon Steel

- 16 gauge, 304 or 316 Stainless Steel or Carbon Steel
- 0.080" 5052 Aluminum
- Brushed & blended finish for stainless steel and aluminum enclosures
- ANSI 61 gray powder coating inside and out for carbon steel enclosures

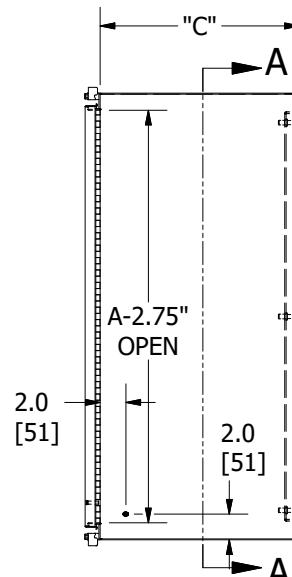
Popular Add-Ons



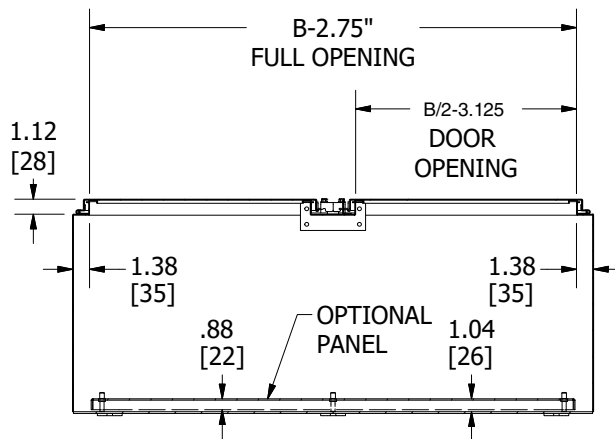
Two Door Type 4/4x



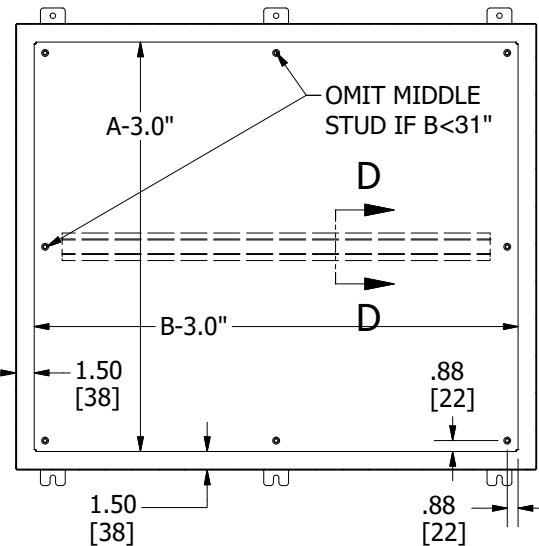
FRONT VIEW



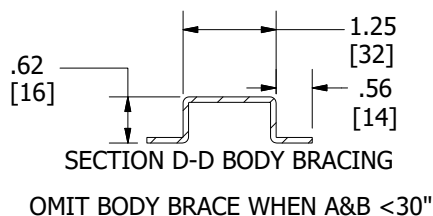
R-SIDE VIEW



SECTION B-B



SECTION A-A



SECTION D-D BODY BRACING

OMIT BODY BRACE WHEN A&B < 30"

For more information and detailed drawing files, visit www.emfcompany.com

One Door Strongbox Type 4x



CSA - UL/cUL Listed, IEC 60529, IP66

Standard Specifications

- 304 Stainless Steel with #4 brush finish
- Chemical, Corrosion & Hose-down resistant
- Removable Pin Hinge
- Slotted Quarter-Turn Latch
- Panel Standoffs for optional back panel
- Grounding Stud on door & body
- Return flange around all sides of door face
- Hydrophobic FIP urethane gasket
- Rivet nuts in back of enclosure
- Bolt-on mounting tabs provided

Available For Quick Ship!

Standard Strongbox Nema 4x enclosures are pre-built and ready to ship. These enclosures cannot be modified. See page 16 for available sizes.

Finish

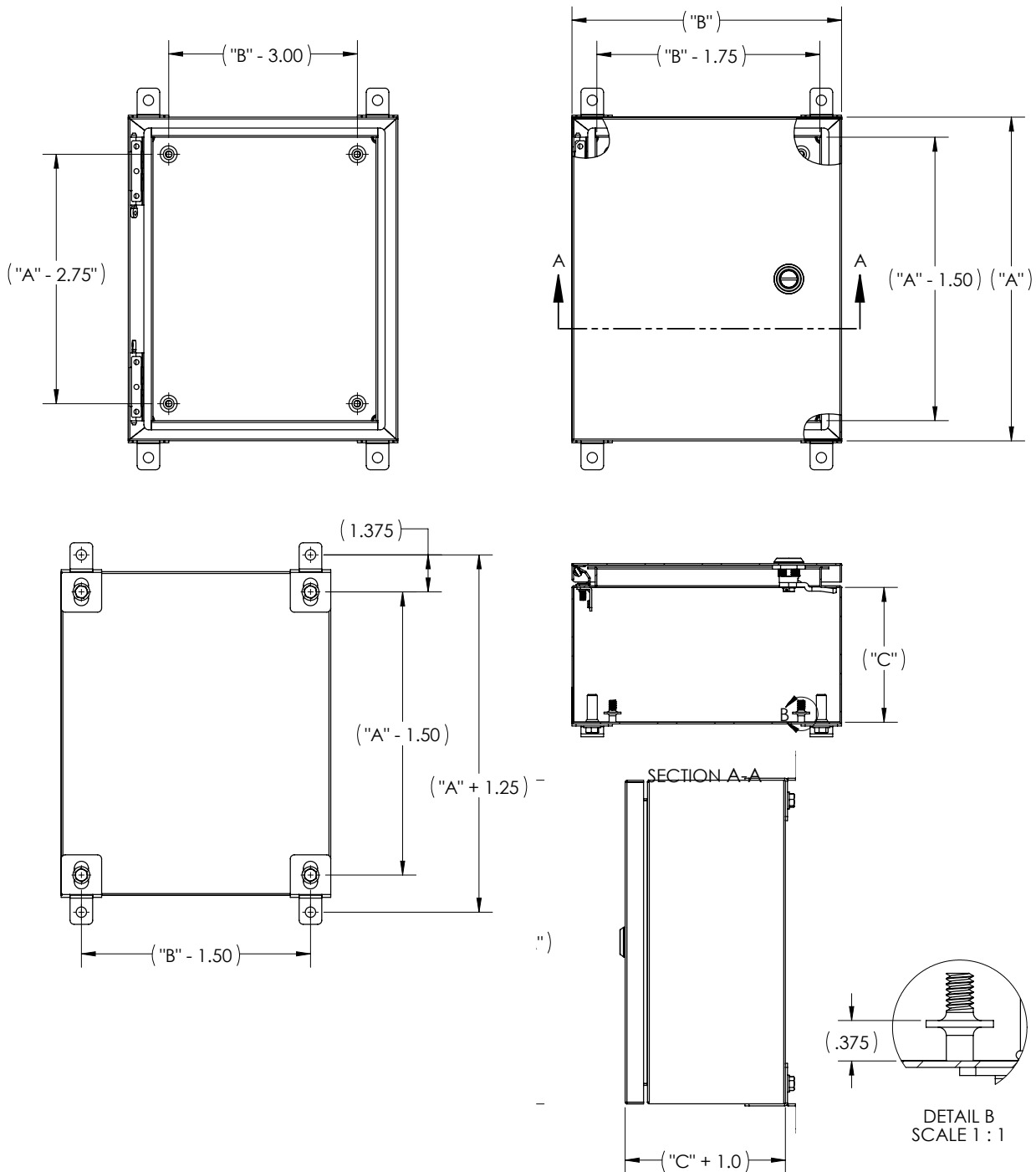
Strongbox 4x standard enclosures only available in stainless steel

- Brushed & blended finish for stainless steel enclosures

Strongbox Standard Type 4x

Stainless Steel 304 Part #	Dimensions (in)	Dimensions (mm)	Material Thickness Cover / Base	Shipping (lbs)	Optional Panel Part #	Panel Size A x B (in)
W100804-4PQ-BT	10 x 8 x 4	8"	16 Gauge / 16 Gauge	6	PNLB1008GVN	8 x 6
W100806-4PQ-BT	10 x 8 x 6	8"	16 Gauge / 16 Gauge	7	PNLB1008GVN	8 x 6
W121004-4PQ-BT	12 x 10 x 4	10"	16 Gauge / 16 Gauge	8	PNLB1210GVN	10 x 8
W121006-4PQ-BT	12 x 10 x 6	10"	16 Gauge / 16 Gauge	10	PNLB1210GVN	10 x 8
W141206-4PQ-BT	14 x 12 x 6	12"	16 Gauge / 16 Gauge	12	PNLB1412GVN	12 x 10
W201608-4PQ-BT	20 x 16 x 8	16"	16 Gauge / 16 Gauge	23	PNLB2016GVN	18 x 14
W202008-4PQ-BT	20 x 20 x 8	20"	14 Gauge / 16 Gauge	27	PNLB2020GVN	18 x 18
W202010-4PQ-BT	20 x 20 x 10	20"	14 Gauge / 16 Gauge	37	PNLB2020GVN	18 x 18
W242008-4PQ-BT	24 x 20 x 8	20"	14 Gauge / 16 Gauge	31	PNLB2420GVN	22 x 18
W242010-4PQ-BT	24 x 20 x 10	20"	14 Gauge / 16 Gauge	42	PNLB2420GVN	22 x 18
W242408-4PQ-BT	24 x 24 x 8	24"	14 Gauge / 16 Gauge	35	PNLB2424GVN	22 x 22
W242410-4PQ-BT	24 x 24 x 10	24"	14 Gauge / 16 Gauge	48	PNLB2424GVN	22 x 22
W302410-4PQ-BT	30 x 24 x 10	24"	14 Gauge / 14 Gauge	58	PNLB3024GVN	28 x 22
W302412-4PQ-BT	30 x 24 x 12	24"	14 Gauge / 14 Gauge	62	PNLB3024GVN	28 x 22
W363012-4PQ-BT	36 x 30 x 12	30"	14 Gauge / 14 Gauge	85	PNLB3630GVN	34 x 28

One Door Strongbox Type 4x



For more information and detailed drawing files, visit www.emfcompany.com

One Door Type 12



PART NUMBERS ON PAGE 31



CSA - UL/cUL Listed, IEC 60529, IP52

Standard Specifications

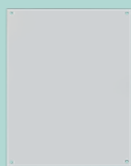
- Seams continuously welded and ground smooth
- Hybrid sealing flange around all sides of door face
- Oil resistant gasket
- Gasket retainer on Steel enclosures
- Continuous hinge with stainless steel pin (Stainless Steel Hinge on SS Models)
- Zinc plated door clamps
- Pad lockable hasp and staple
- Mounting feet on top and bottom
- 3/8-16 collar studs for mounting panels
- Grounding stud on door
- Stiffener or thicker gauge material may apply to larger enclosures

Finish

All enclosures can be formed out of Stainless Steel, Aluminum, or Carbon Steel

- 16 gauge, 304 or 316 Stainless Steel or Carbon Steel
- 0.080" 5052 Aluminum
- Number 4 brushed and blended finish for all Stainless Steel and Aluminum
- ANSI 61 gray powder coating outside, white powder coat inside for Carbon Steel enclosures
- Ask about custom powder coating color options!

Popular Add-Ons



Sub Panels



Three-Point Latch



Window Kits

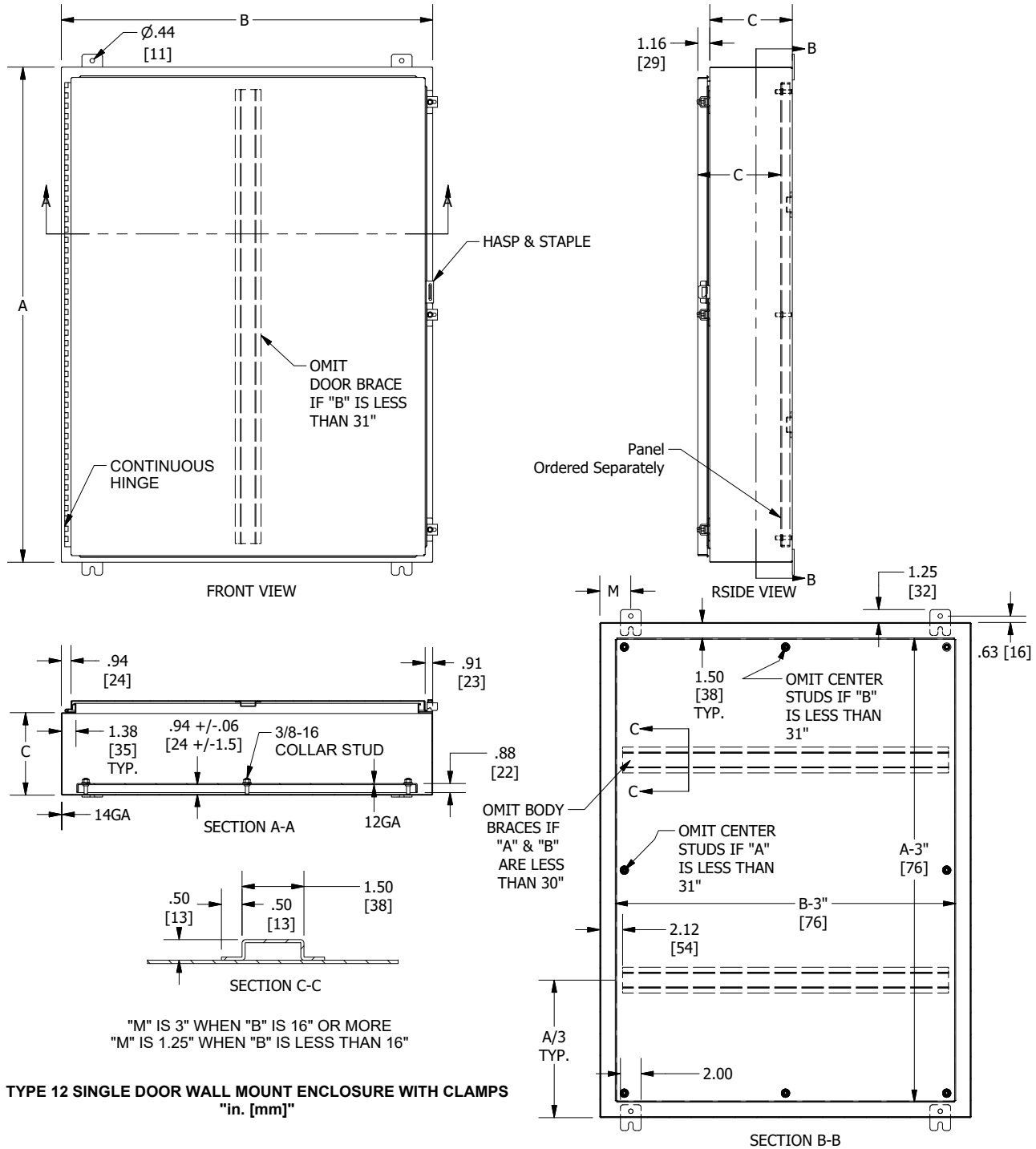


Louvers



Key Locking Quarter Turn Latch

One Door Type 12



For more information and detailed drawing files, visit www.emfcompany.com

Two Door Type 12



Standard Specifications

- Seams continuously welded and ground smooth
- Hybrid sealing flange around all sides of door face
- Oil resistant gasket
- Gasket retainer on steel enclosures
- Continuous hinge with stainless steel pin (Stainless Steel Hinge on all SS models)
- Three point key locking handle
- Mounting feet on top and bottom
- 3/8-16 collar studs for mounting panels
- Grounding stud on door
- Overlapping doors with right door as master
- Stiffener or thicker gauge material may apply to larger enclosures

Finish

All enclosures can be formed out of Stainless Steel, Aluminum, or Carbon Steel

- 16 gauge, 304 or 316 Stainless Steel or Carbon Steel
- 0.080" 5052 Aluminum
- Number 4 brushed and blended finish for all Stainless Steel and Aluminum
- ANSI 61 gray powder coating outside, white powder coat inside for Carbon Steel enclosures
- Ask about custom powder coating color options!

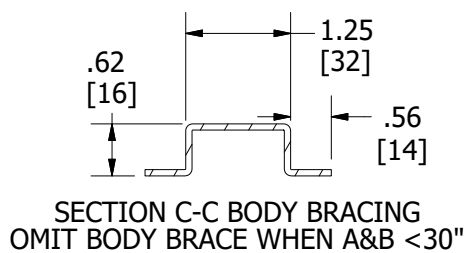
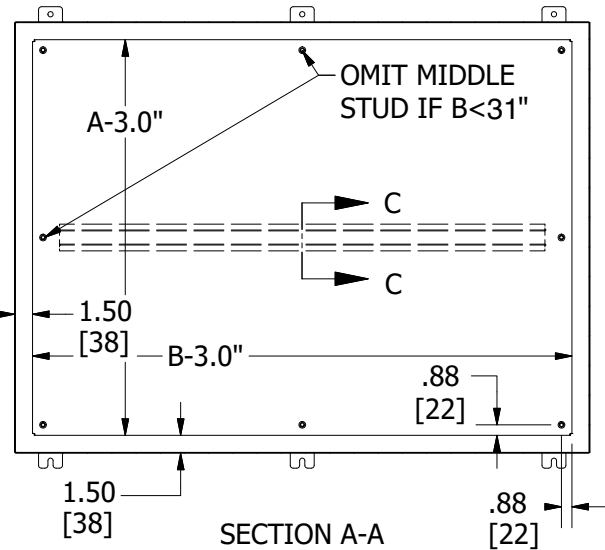
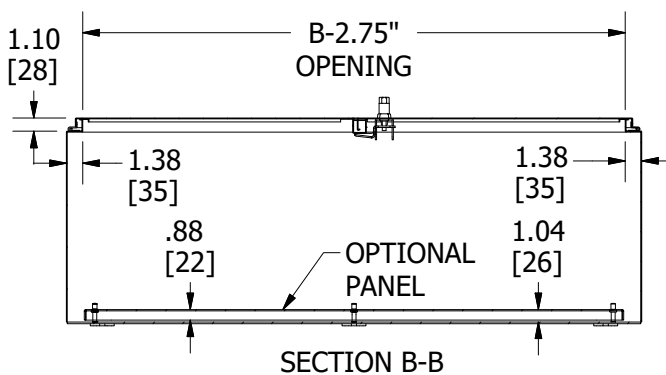
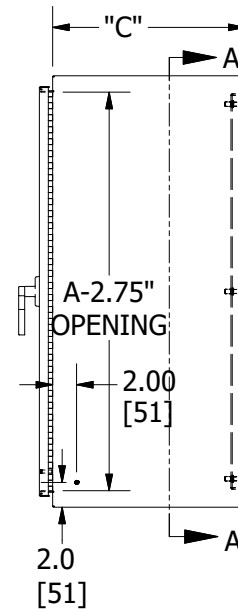
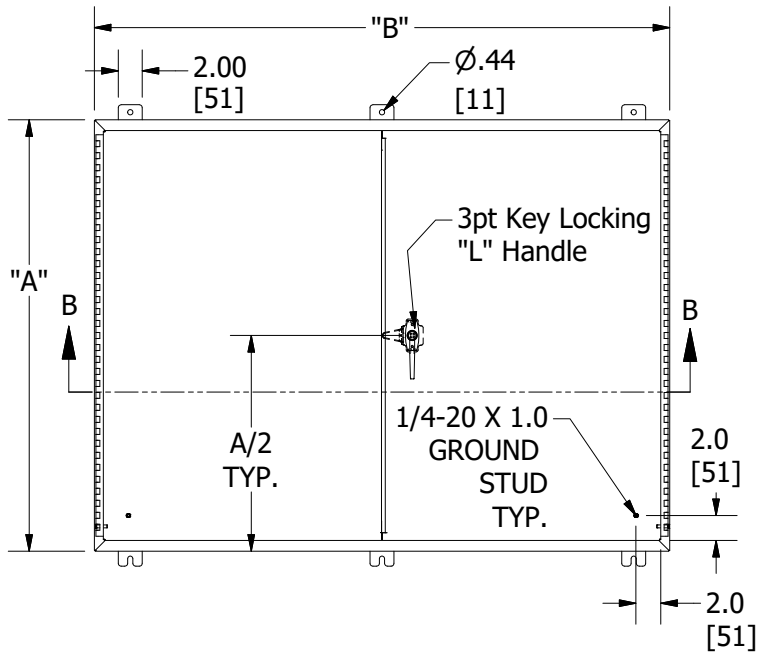
PART NUMBERS ON PAGE 31



Popular Add-Ons



Two Door Type 12



For more information and detailed drawing files, visit www.emfcompany.com

Flushmount Type 12



Standard Specifications

- 12 gauge steel flange
- Seams continuously welded and ground smooth
- Hybrid sealing flange around all sides of door face
- Oil resistant gasket
- Gasket retainer on steel enclosures
- Continuous hinge with stainless steel pin
- Captivated screws hold door closed
- Pad lockable hasp
- Mounting holes on flange
- 3/8-16 collar studs for mounting panels
- Grounding stud on door
- Stiffener or thicker gauge material may apply to larger enclosures

PART NUMBERS ON PAGE 32

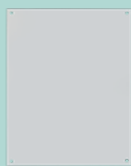


Finish

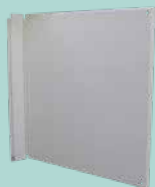
All enclosures can be formed out of Stainless Steel, Aluminum, or Carbon Steel

- 16 gauge, 304 or 316 Stainless Steel or Carbon Steel
- 0.080" 5052 Aluminum
- Brushed & blended finish for stainless steel and aluminum enclosures
- ANSI 61 gray powder coating inside and out for carbon steel enclosures

Popular Add-Ons



Sub Panels



Swing Out Panels



Window Kits

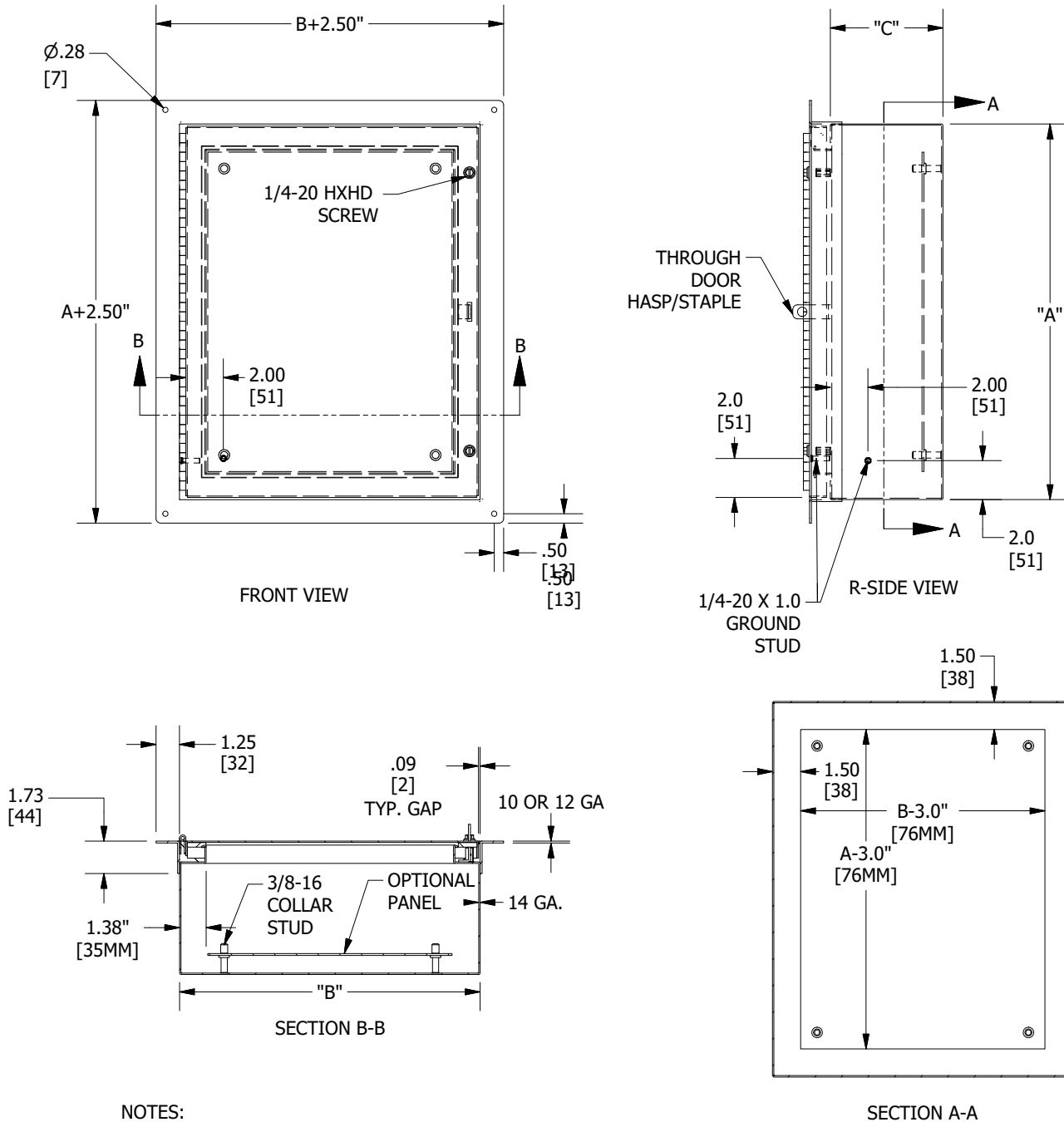


Louvers



Key Locking
Quarter Turn Latch

Flushmount Type 12



NOTES:

1. BODY BRACE REQUIRED WHEN $A \text{ \& } B > 30"$ [762MM]
2. DOOR BRACE REQUIRED WHEN $B > 30"$ [762MM]
3. PANELS TYPICALLY 12GA, AND HAVE FLANGES WHEN $> 21"$
4. CENTER STUD REQUIRED IF A or $B > 30"$
5. Addn'l Flange Mtg Hole If $"A"$ or $"B"$ $> 30"$

For more information and detailed drawing files, visit www.emfcompany.com

One Door New Generation Type 12/12X



PART NUMBERS ON PAGE 32



Standard Specifications

- Seams continuously welded and ground smooth
- Hybrid sealing flange around all sides of door face
- Oil resistant gasket
- Gasket retainer on steel enclosures
- Door mounted flush with body
- Stainless steel removable pin hinges
- Mounting feet on top and bottom
- Slotted quarter turn latch
- 3/8-16 collar studs for mounting panels
- Grounding stud on door
- Stiffener or thicker gauge material may apply to larger enclosures

Finish

*All enclosures can be formed out of
Stainless Steel, Aluminum, or Carbon Steel*

- 16 gauge, 304 or 316 Stainless Steel or Carbon Steel
- 0.080" 5052 Aluminum
- Brushed & blended finish for stainless steel and aluminum enclosures
- ANSI 61 gray powder coating outside, white powder coating inside for Stainless Steel enclosures
- Ask about custom powder coating color options!

Popular Add-Ons



Sub Panels



Three-Point
Latch



Window Kits

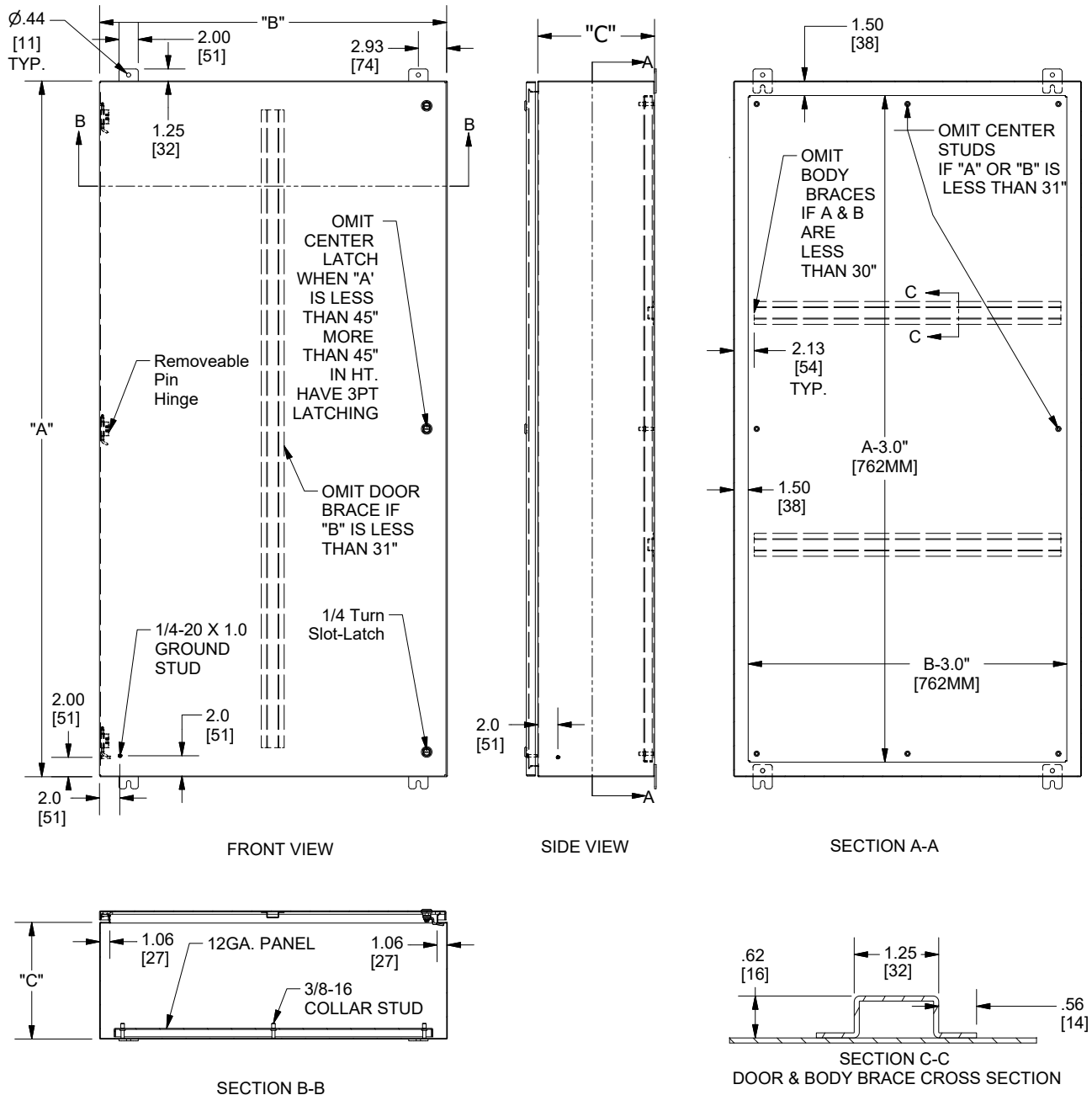


Louvers



Key Locking
Quarter Turn Latch

One Door New Generation Type 12/12X



"A" Dimension is Hinged Side

For more information and detailed drawing files, visit www.emfcompany.com

One Door Panel Spec Type 12



PART NUMBERS ON PAGE 33



CSA - UL/cUL Listed, IEC 60529, IP52

* Available with NEMA 4/4X protection rating. Contact factory for details.

Standard Specifications

- Seams continuously welded and ground smooth
- Hybrid sealing flange around all sides of door face
- Oil resistant gasket
- Gasket retainer on steel enclosures
- Flush mounted door with 170° opening
- Removable pin hinges
- Mounting holes in back of enclosure
- Flush slotted quarter turn latches (3-point flush slotted latching for 40" or taller)
- 5/16-18 collar studs for mounting panels
- 10-32 grounding stud on door
- Door bars
- Stiffener or thicker gauge material may apply to larger enclosures

Finish

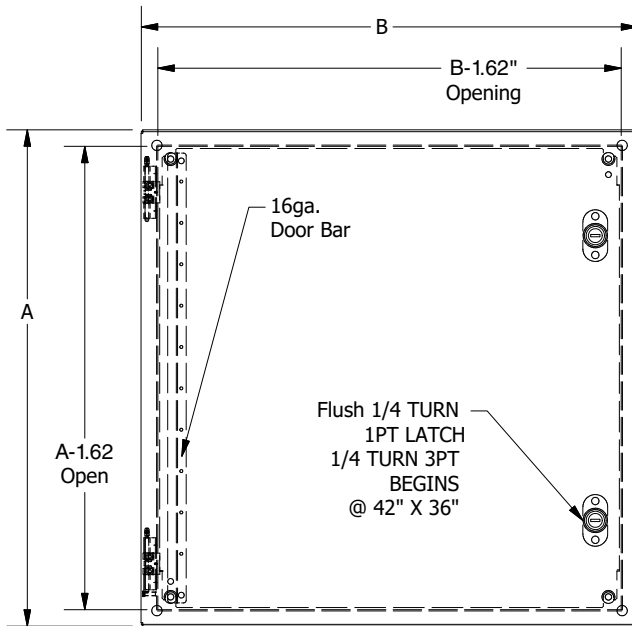
All enclosures can be formed out of Stainless Steel, Aluminum, or Carbon Steel

- 16 gauge, 304 or 316 Stainless Steel or Carbon Steel
- 0.080" 5052 Aluminum
- Brushed & blended finish for stainless steel and aluminum enclosures
- ANSI 61 gray powder coating inside and out for carbon steel enclosures

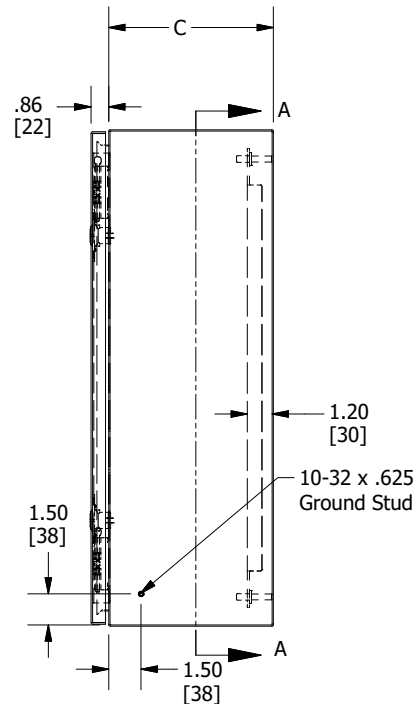
Popular Add-Ons



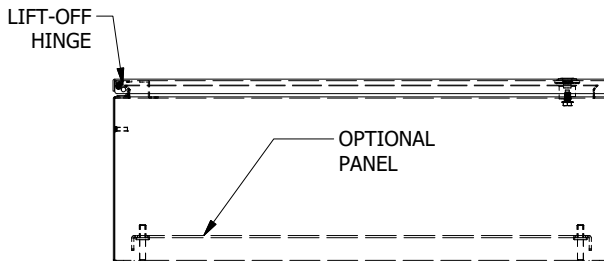
One Door Panel Spec Type 12



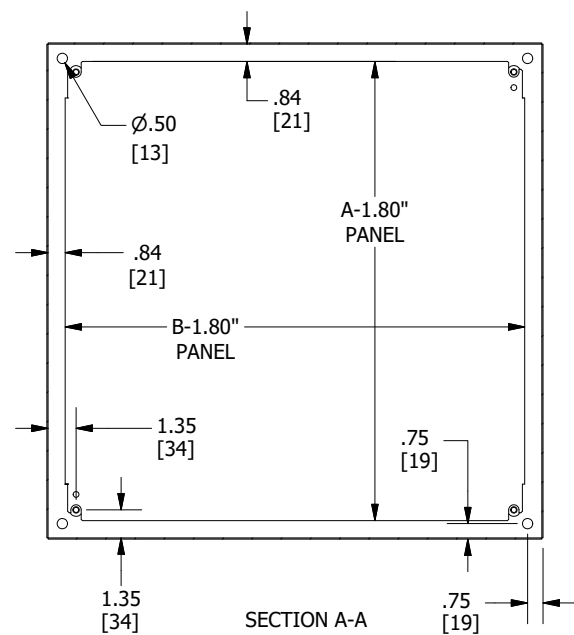
FRONT VIEW



RIGHT VIEW



BOTTOM VIEW



SECTION A-A

For more information and detailed drawing files, visit www.emfcompany.com

Two Door Panel Spec Type 12



Standard Specifications

- Seams continuously welded and ground smooth
- Hybrid sealing flange around all sides of door face
- Oil resistant gasket
- Gasket retainer on steel enclosures
- Overlapping doors with 170° opening
- Removable pin hinges
- Mounting holes in back of enclosure
- Three-point flush slotted quarter turn latches
- 5/16-18 collar studs for mounting panels
- 10-32 grounding stud on door
- Door bars
- Stiffener or thicker gauge material may apply to larger enclosures

PART NUMBERS ON PAGE 33



CSA - UL/cUL Listed, IEC 60529, IP52

* Available with NEMA 4/4X protection rating. Contact factory for details.

Finish

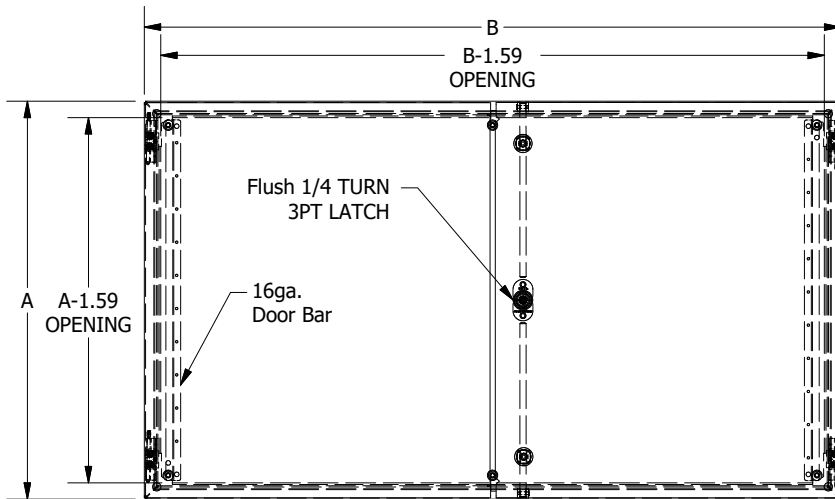
All enclosures can be formed out of Stainless Steel, Aluminum, or Carbon Steel

- 16 gauge, 304 or 316 Stainless Steel or Carbon Steel
- 0.080" 5052 Aluminum
- Brushed & blended finish for stainless steel and aluminum enclosures
- ANSI 61 gray powder coating inside and out for carbon steel enclosures

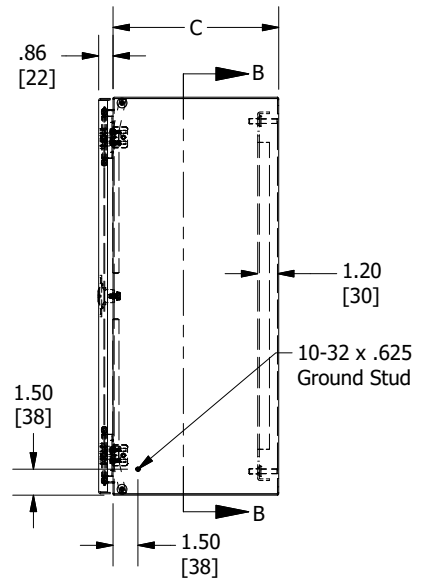
Popular Add-Ons



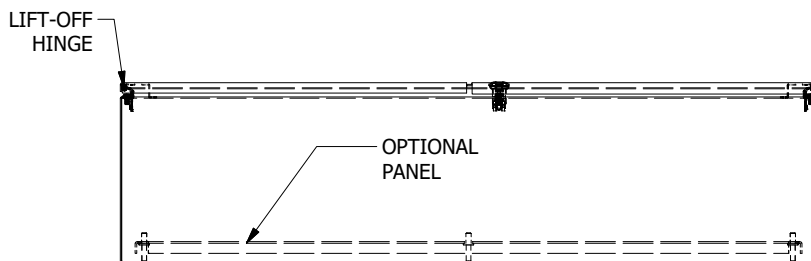
Two Door Panel Spec Type 12



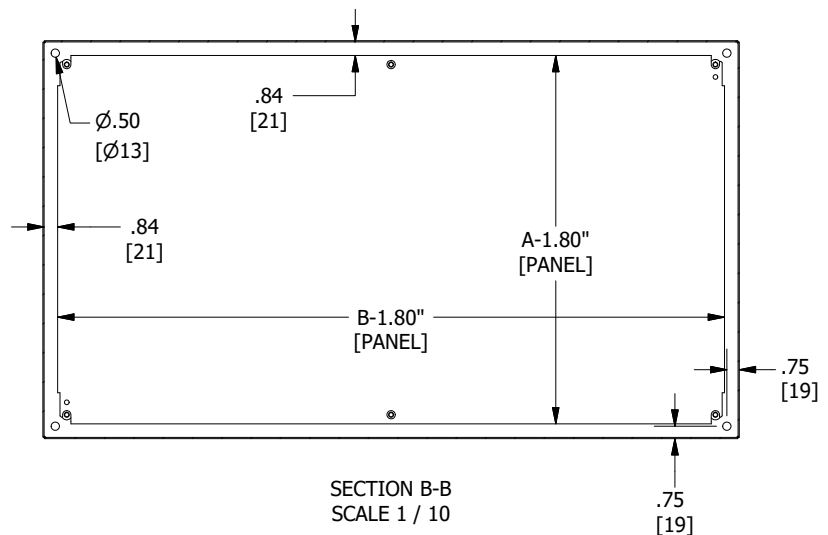
FRONT VIEW



RIGHT VIEW



BOTTOM VIEW



For more information and detailed drawing files, visit www.emfcompany.com

Popular Standard Enclosures

Additional & Custom sizing available
contact factory for details

One Door Type 1

Stainless Steel 304 Part #	Stainless Steel 316 Part #	Carbon Steel Part #	Aluminum Part #	Dimensions (in)	Dimensions (mm)	Panel Part #	Panel Size A x B (in)
W161206-4HQ-MH	W161206-6HQ-MH	W161206-CHQ-MH	W161206-AHQ-MH	16 x 12 x 6	406 x 305 x 168	B1310PS	13 x 10
W161606-4HQ-MH	W161606-6HQ-MH	W161606-CHQ-MH	W161606-AHQ-MH	16 x 16 x 6	406 x 406 x 168	B1314PS	13 x 14
W162006-4HQ-MH	W162006-6HQ-MH	W162006-CHQ-MH	W162006-AHQ-MH	16 x 20 x 6	406 x 508 x 168	B1714PS	17 x 14
W201608-4HQ-MH	W201608-6HQ-MH	W201608-CHQ-MH	W201608-AHQ-MH	20 x 16 x 8	508 x 406 x 219	B1714PS	17 x 14
W242008-4HQ-MH	W242008-6HQ-MH	W242008-CHQ-MH	W242008-AHQ-MH	24 x 24 x 8	610 x 508 x 219	B2118PS	21 x 18
W302410-4HQ-MH	W302410-6HQ-MH	W302410-CHQ-MH	W302410-AHQ-MH	30 x 24 x 10	762 x 610 x 270	B2622PS	26 x 22
W363010-4HQ-MH	W363010-6HQ-MH	W363010-CHQ-MH	W363010-AHQ-MH	36 x 30 x 10	914 x 762 x 270	B3228PS	32 x 28
W242410-4HQ-MH	W242410-6HQ-MH	W242410-CHQ-MH	W242410-AHQ-MH	24 x 24 x 12	610 x 610 x 321	B2122PS	21 x 22
W302412-4HQ-MH	W302412-6HQ-MH	W302412-CHQ-MH	W302412-AHQ-MH	30 x 24 x 12	762 x 610 x 321	B2622PS	26 x 22
W363012-4HQ-MH	W363012-6HQ-MH	W363012-CHQ-MH	W363012-AHQ-MH	36 x 30 x 12	914 x 762 x 321	B3228PS	32 x 28

Extra Large Type 1

Stainless Steel 304 Part #	Stainless Steel 316 Part #	Carbon Steel Part #	Aluminum Part #	Dimensions (in)	Dimensions (mm)	Panel Part #	Panel Size A x B (in)
W423009-4HQ-WT	W423009-6HQ-WT	W423009-CHQ-WT	W423009-AHQ-WT	42 x 30 x 9	1067 x 762 x 229	B3927PS	39 x 27
W423609-4HQ-WT	W423609-6HQ-WT	W423609-CHQ-WT	W423609-AHQ-WT	42 x 36 x 9	1067 x 914 x 229	B3927PS	39 x 27
W483609-4HQ-WT	W483609-6HQ-WT	W483609-CHQ-WT	W483609-AHQ-WT	48 x 36 x 9	1219 x 914 x 229	B4533PS	45 x 33
W423011-4HQ-WT	W423011-6HQ-WT	W423011-CHQ-WT	W423011-AHQ-WT	42 x 30 x 11	1067 x 762 x 279	B3927PS	39 x 27
W423611-4HQ-WT	W423611-6HQ-WT	W423611-CHQ-WT	W423611-AHQ-WT	42 x 36 x 11	1067 x 914 x 279	B3927PS	39 x 27
W483611-4HQ-WT	W483611-6HQ-WT	W483611-CHQ-WT	W483611-AHQ-WT	48 x 36 x 11	1219 x 914 x 279	B4533PS	45 x 33
W483617-4HQ-WT	W483617-6HQ-WT	W483617-CHQ-WT	W483617-AHQ-WT	48 x 36 x 17	1219 x 914 x 432	B4533PS	45 x 33

One Door Type 3R

Stainless Steel 304 Part #	Stainless Steel 316 Part #	Carbon Steel Part #	Aluminum Part #	Dimensions (in)	Dimensions (mm)	Panel Part #	Panel Size A x B (in)
W161206-4HS-WF	W161206-6HS-WF	W161206-CHS-WF	W161206-AHS-WF	16 x 12 x 6	406 x 305 x 152	B1309PS	13 x 9
W161606-4HS-WF	W161606-6HS-WF	W161606-CHS-WF	W161606-AHS-WF	16 x 16 x 6	406 x 406 x 152	B1313PS	13 x 13
W362406-4HS-WF	W362406-6HS-WF	W362406-CHS-WF	W362406-AHS-WF	36 x 24 x 6	914 x 610 x 152	B3321PS	33 x 21
W161608-4HS-WF	W161608-6HS-WF	W161608-CHS-WF	W161608-AHS-WF	16 x 16 x 8	406 x 406 x 203	B1313PS	13 x 13
W603608-4HS-WF	W603608-6HS-WF	W603608-CHS-WF	W603608-AHS-WF	60 x 36 x 8	1524 x 914 x 203	B5733PS	57 x 33
W201610-4HS-WF	W201610-6HS-WF	W201610-CHS-WF	W201610-AHS-WF	20 x 16 x 10	508 x 305 x 254	B1713PS	17 x 13
W161212-4HS-WF	W161212-6HS-WF	W161212-CHS-WF	W161212-AHS-WF	16 x 12 x 12	406 x 305 x 305	B1309PS	13 x 9
W242412-4HS-WF	W242412-6HS-WF	W242412-CHS-WF	W242412-AHS-WF	24 x 24 x 12	610 x 610 x 305	B2121PS	21 x 21
W483616-4HS-WF	W483616-6HS-WF	W483616-CHS-WF	W483616-AHS-WF	48 x 36 x 16	1219 x 914 x 406	B4533PS	45 x 33
W603616-4HS-WF	W603616-6HS-WF	W603616-CHS-WF	W603616-AHS-WF	60 x 36 x 16	1524 x 914 x 406	B5733PS	57 x 33

*Panel part numbers are for reference only and do not imply that panel is included with enclosure. See enclosure product pages for details.

Popular Standard Enclosures

Additional & Custom sizing available
contact factory for details

One Door Type 4/4x

Stainless Steel 304 Part #	Stainless Steel 316 Part #	Carbon Steel Part #	Aluminum Part #	Dimensions (in)	Dimensions (mm)	Panel Part #	Panel Size A x B (in)
W161206-4H3-WT	W161206-6H3-WT	W161206-CH3-WT	W161206-AH3-WT	16 x 12 x 6	406 x 305 x 152	B1309PS	13 x 9
W161208-4H3-WT	W161208-6H3-WT	W161208-CH3-WT	W161208-AH3-WT	16 x 12 x 8	406 x 305 x 203	B1309PS	13 x 9
W201606-4H3-WT	W201606-6H3-WT	W201606-CH3-WT	W201606-AH3-WT	20 x 16 x 6	508 x 406 x 152	B1713PS	17 x 13
W201608-4H3-WT	W201608-6H3-WT	W201608-CH3-WT	W201608-AH3-WT	20 x 16 x 8	508 x 406 x 203	B1713PS	17 x 13
W202008-4H3-WT	W202008-6H3-WT	W202008-CH3-WT	W202008-AH3-WT	20 x 20 x 8	503 x 508 x 203	B1717PS	17 x 17
W242006-4H3-WT	W242006-6H3-WT	W242006-CH3-WT	W242006-AH3-WT	24 x 20 x 6	610 x 508 x 152	B2117PS	21 x 17
W242008-4H3-WT	W242008-6H3-WT	W242008-CH3-WT	W242008-AH3-WT	24 x 20 x 8	610 x 508 x 203	B2117PS	21 x 17
W242010-4H3-WT	W242010-6H3-WT	W242010-CH3-WT	W242010-AH3-WT	24 x 20 x 10	610 x 508 x 254	B2117PS	21 x 17
W242408-4H3-WT	W242408-6H3-WT	W242408-CH3-WT	W242408-AH3-WT	24 x 24 x 8	610 x 610 x 203	B2121PS	21 x 21
W302008-4H3-WT	W302008-6H3-WT	W302008-CH3-WT	W302008-AH3-WT	30 x 20 x 8	762 x 508 x 203	B2717PS	27 x 17
W302408-4H3-WT	W302408-6H3-WT	W302408-CH3-WT	W302408-AH3-WT	30 x 24 x 8	762 x 610 x 203	B2721PS	27 x 21
W302412-4H3-WT	W302412-6H3-WT	W302412-CH3-WT	W302412-AH3-WT	30 x 24 x 12	762 x 610 x 305	B2721PS	27 x 21
W363008-4H3-WT	W363008-6H3-WT	W363008-CH3-WT	W363008-AH3-WT	36 x 30 x 8	914 x 762 x 203	B3327PS	33 x 27
W363010-4H3-WT	W363010-6H3-WT	W363010-CH3-WT	W363010-AH3-WT	36 x 30 x 10	914 x 762 x 254	B3327PS	33 x 27
W363012-4H3-WT	W363012-6H3-WT	W363012-CH3-WT	W363012-AH3-WT	36 x 30 x 12	914 x 762 x 305	B3327PS	33 x 27

Two Door Type 4/4x

Stainless Steel 304 Part #	Stainless Steel Part #	Carbon Steel Part #	Aluminum Part #	Dimensions (in)	Dimensions (mm)	Panel Part #	Panel Size A x B (in)
W244208-4H3-WT	W244208-6H3-WT	W244208-CH3-WT	W244208-AH3-WT	24 x 42 x 8	610 x 1067 x 203	B3921PS	39 x 21
W244812-4H3-WT	W244812-6H3-WT	W244812-CH3-WT	W244812-AH3-WT	24 x 48 x 12	610 x 1219 x 305	B4521PS	45 x 21
W304212-4H3-WT	W304212-6H3-WT	W304212-CH3-WT	W304212-AH3-WT	30 x 42 x 12	762 x 1067 x 305	B3927PS	39 x 27
W306008-4H3-WT	W306008-6H3-WT	W306008-CH3-WT	W306008-AH3-WT	30 x 60 x 8	762 x 1524 x 254	B5727PS	57 x 27
W363610-4H3-WT	W363610-6H3-WT	W363610-CH3-WT	W363610-AH3-WT	36 x 36 x 10	914 x 914 x 254	B3333PS	33 x 33
W364212-4H3-WT	W364212-6H3-WT	W364212-CH3-WT	W364212-AH3-WT	36 x 42 x 12	914 x 1067 x 305	B3933PS	39 x 33
W366010-4H3-WT	W366010-6H3-WT	W366010-CH3-WT	W366010-AH3-WT	36 x 60 x 10	914 x 1524 x 254	B5733PS	57 x 33
W424210-4H3-WT	W424210-6H3-WT	W424210-CH3-WT	W424210-AH3-WT	42 x 42 x 10	1067 x 1067 x 254	B3939PS	39 x 39
W484812-4H3-WT	W484812-6H3-WT	W484812-CH3-WT	W484812-AH3-WT	48 x 48 x 12	1219 x 1219 x 305	B4444PS	44 x 44
W486016-4H3-WT	W486016-6H3-WT	W486016-CH3-WT	W486016-AH3-WT	48 x 60 x 16	1219 x 1524 x 406	B5644PS	56 x 44

*Panel part numbers are for reference only and do not imply that panel is included with enclosure. See enclosure product pages for details.

Popular Standard Enclosures

Additional & Custom sizing available
contact factory for details

One Door Type 12

Stainless Steel 304 Part #	Stainless Steel 316 Part #	Carbon Steel Part #	Aluminum Part #	Dimensions (in)	Dimensions (mm)	Panel Part #	Panel Size A x B (in)
W122406-4HC-WT	W122406-6HC-WT	W122406-CHC-WT	W122406-AHC-WT	12 X 24 X 6	305 X 610 X 152	B2109PS	21 X 9
W161606-4HC-WT	W161606-6HC-WT	W161606-CHC-WT	W161606-AHC-WT	16 X 16 X 6	406 X 406 X 152	B1313PS	13 X 13
W202006-4HC-WT	W202006-6HC-WT	W202006-CHC-WT	W202006-AHC-WT	20 X 20 X 6	508 X 508 X 152	B1717PS	17 X 17
W202008-4HC-WT	W202008-6HC-WT	W202008-CHC-WT	W202008-AHC-WT	20 X 20 X 8	508 X 508 X 203	B1717PS	17 X 17
W242408-4HC-WT	W242408-6HC-WT	W242408-CHC-WT	W242408-AHC-WT	24 X 24 X 8	610 X 610 X 203	B2121PS	21 X 21
W242410-4HC-WT	W242410-6HC-WT	W242410-CHC-WT	W242410-AHC-WT	24 X 24 X 10	610 X 610 X 254	B2121PS	21 X 21
W302408-4HC-WT	W302408-6HC-WT	W302408-CHC-WT	W302408-AHC-WT	30 X 24 X 8	762 X 610 X 203	B2721PS	27 X 21
W362410-4HC-WT	W362410-6HC-WT	W362410-CHC-WT	W362410-AHC-WT	36 X 24 X 10	762 X 610 X 254	B2721PS	27 X 21
W302416-4HC-WT	W302416-6HC-WT	W302416-CHC-WT	W302416-AHC-WT	30 X 24 X 16	762 X 610 X 406	B2721PS	27 X 21
W303012-4HC-WT	W303012-6HC-WT	W303012-CHC-WT	W303012-AHC-WT	30 X 30 X 12	762 X 762 X 305	B2727PS	27 X 27
W363016-4HC-WT	W363016-6HC-WT	W363016-CHC-WT	W363016-AHC-WT	36 X 30 X 16	914 X 762 X 254	B3327PS	33 X 27

Two Door Type 12

Stainless Steel 304 Part #	Stainless Steel 316 Part #	Carbon Steel Part #	Aluminum Part #	Dimensions (in)	Dimensions (mm)	Panel Part #	Panel Size A x B (in)
W244208-4H3-WT	W244208-6H3-WT	W244208-CH3-WT	W244208-AH3-WT	24 X 42 X 8	610 X 1067 X 203	B3921PS	39 X 21
W244212-4H3-WT	W244212-6H3-WT	W244212-CH3-WT	W244212-AH3-WT	24 X 42 X 12	610 X 1067 X 305	B3921PS	39 X 21
W244216-4H3-WT	W244216-6H3-WT	W244216-CH3-WT	W244216-AH3-WT	24 X 42 X 16	610 X 1067 X 406	B3921PS	39 X 21
W244810-4H3-WT	W244810-6H3-WT	W244810-CH3-WT	W244810-AH3-WT	24 X 48 X 10	610 X 1219 X 254	B4521PS	45 X 21
W304210-4H3-WT	W304210-6H3-WT	W304210-CH3-WT	W304210-AH3-WT	30 X 42 X 10	762 X 1067 X 305	B3927PS	39 X 27
W304810-4H3-WT	W304810-6H3-WT	W304810-CH3-WT	W304810-AH3-WT	30 X 48 X 10	762 X 1219 X 254	B4527PS	45 X 27
W306012-4H3-WT	W306012-6H3-WT	W306012-CH3-WT	W306012-AH3-WT	30 X 60 X 12	762 X 1524 X 305	B5727PS	57 X 27
W363616-4H3-WT	W363616-6H3-WT	W363616-CH3-WT	W363616-AH3-WT	36 X 36 X 16	914 X 914 X 406	B3333PS	33 X 33
W364212-4H3-WT	W364212-6H3-WT	W364212-CH3-WT	W364212-AH3-WT	36 X 42 X 12	914 X 1067 X 305	B3933PS	39 X 33
W364816-4H3-WT	W364816-6H3-WT	W364816-CH3-WT	W364816-AH3-WT	36 X 48 X 16	914 X 1219 X 406	B4533PS	45 X 33
W424816-4H3-WT	W424816-6H3-WT	W424816-CH3-WT	W424816-AH3-WT	42 X 48 X 16	1067 X 1219 X 406	B4539PS	45 X 39
W426012-4H3-WT	W426012-6H3-WT	W426012-CH3-WT	W426012-AH3-WT	42 X 60 X 12	1067 X 1524 X 305	B5638PS	56 X 38
W426016-4H3-WT	W426016-6H3-WT	W426016-CH3-WT	W426016-AH3-WT	42 X 60 X 16	1067 X 1524 X 406	B5638PS	56 X 38
W484810-4H3-WT	W484810-6H3-WT	W484810-CH3-WT	W484810-AH3-WT	48 X 48 X 10	1219 X 1219 X 254	B4444PS	44 X 44
W484816-4H3-WT	W484816-6H3-WT	W484816-CH3-WT	W484816-AH3-WT	48 X 48 X 16	1219 X 1219 X 406	B4444PS	44 X 44

*Panel part numbers are for reference only and do not imply that panel is included with enclosure. See enclosure product pages for details.

Popular Standard Enclosures

Additional & Custom sizing available
contact factory for details

Flush Mount Type 12

Stainless Steel 304 Part #	Stainless Steel 316 Part #	Carbon Steel Part #	Aluminum Part #	Dimensions (in)	Dimensions (mm)	Panel Part #	Panel Size A x B (in)
W161206-4HS-WF	W161206-6HS-WF	W161206-CHS-WF	W161206-AHS-WF	16 x 12 x 6	406 x 305 x 152	B1309PS	13 x 9
W201606-4HS-WF	W201606-6HS-WF	W201606-CHS-WF	W201606-AHS-WF	20 x 16 x 6	508 x 406 x 152	B1713PS	17 x 13
W202006-4HS-WF	W202006-6HS-WF	W202006-CHS-WF	W202006-AHS-WF	20 x 20 x 6	508 x 508 x 152	B1717PS	17 x 17
W242006-4HS-WF	W242006-6HS-WF	W242006-CHS-WF	W242006-AHS-WF	24 x 20 x 6	610 x 508 x 152	B2117PS	21 x 17
W242406-4HS-WF	W242406-6HS-WF	W242406-CHS-WF	W242406-AHS-WF	24 x 24 x 8	610 x 610 x 203	B2117PS	21 x 17
W302406-4HS-WF	W302406-6HS-WF	W302406-CHS-WF	W302406-AHS-WF	30 x 24 x 8	762 x 610 x 203	B2721PS	27 x 21
W362406-4HS-WF	W362406-6HS-WF	W362406-CHS-WF	W362406-AHS-WF	36 x 24 x 8	914 x 610 x 203	B3321PS	33 x 21
W363006-4HS-WF	W363006-6HS-WF	W363006-CHS-WF	W363006-AHS-WF	36 x 30 x 8	914 x 762 x 203	B3327PS	33 x 27

New Generation Type 12/12x

Stainless Steel 304 Part #	Stainless Steel 316 Part #	Carbon Steel Part #	Aluminum Part #	Dimensions (in)	Dimensions (mm)	Panel Part #	Panel Size A x B (in)
W122406-4PQ-WT	W122406-6PQ-WT	W122406-CPQ-WT	W122406-APQ-WT	12 x 24 x 6	305 x 610 x 152	B2109PS	21 x 9
W161608-4PQ-WT	W161608-6PQ-WT	W161608-CPQ-WT	W161608-APQ-WT	16 x 16 x 8	406 x 406 x 203	B1313PS	13 x 13
W201610-4PQ-WT	W201610-6PQ-WT	W201610-CPQ-WT	W201610-APQ-WT	20 x 16 x 10	508 x 406 x 254	B1713PS	17 x 13
W202008-4PQ-WT	W202008-6PQ-WT	W202008-CPQ-WT	W202008-APQ-WT	20 x 20 x 8	508 x 508 x 203	B1717PS	17 x 17
W242012-4PQ-WT	W242012-6PQ-WT	W242012-CPQ-WT	W242012-APQ-WT	24 x 20 x 12	610 x 508 x 305	B2117PS	21 x 17
W302416-4PQ-WT	W302416-6PQ-WT	W302416-CPQ-WT	W302416-APQ-WT	30 x 24 x 16	762 x 610 x 406	B2721PS	27 x 21
W303010-4PQ-WT	W303010-6PQ-WT	W303010-CPQ-WT	W303010-APQ-WT	30 x 30 x 10	762 x 762 x 254	B2727PS	27 x 27
W362408-4PQ-WT	W362408-6PQ-WT	W362408-CPQ-WT	W362408-APQ-WT	36 x 24 x 8	914 x 610 x 8	B3321PS	33 x 21
W422406-4PQ-WT	W422406-6PQ-WT	W422406-CPQ-WT	W422406-APQ-WT	42 x 24 x 6	1067 x 610 x 152	B3921PS	39 x 21
W482420-4PQ-WT	W482420-6PQ-WT	W482420-CPQ-WT	W482420-APQ-WT	48 x 24 x 20	1219 x 610 x 508	B4521PS	45 x 21
W483610-4PQ-WT	W483610-6PQ-WT	W483610-CPQ-WT	W483610-APQ-WT	48 x 36 x 10	1219 x 914 x 254	B4533PS	45 x 33
W602412-4PQ-WT	W602412-6PQ-WT	W602412-CPQ-WT	W602412-APQ-WT	60 x 24 x 12	1524 x 610 x 305	B5721PS	57 x 21
W603616-4PQ-WT	W603616-6PQ-WT	W603616-CPQ-WT	W603616-APQ-WT	60 x 36 x 16	1524 x 914 x 406	B5733PS	57 x 33
W723612-4PQ-WT	W723612-6PQ-WT	W723612-CPQ-WT	W723612-APQ-WT	72 x 36 x 12	1829 x 914 x 305	B6933PS	69 x 33

*Panel part numbers are for reference only and do not imply that panel is included with enclosure. See enclosure product pages for details.

Popular Standard Enclosures

Additional & Custom sizing available
contact factory for details

Panel Spec One Door Type 12

Stainless Steel 304 Part #	Stainless Steel 316 Part #	Carbon Steel Part #	Aluminum Part #	Dimensions (in)	Dimensions (mm)	Panel Part #	Panel Size A x B (in)
W121206-4P3-MH	W121206-6P3-MH	W121206-CP3-MH	W121206-AP3-MH	12 x 12 x 6	305 x 305 x 152	B1010PS	10 X 10
W161208-4P3-MH	W161208-6P3-MH	W161208-CP3-MH	W161208-AP3-MH	16 x 12 x 8	406 x 305 x 203	B1410PS	14 X 10
W201608-4P3-MH	W201608-6P3-MH	W201608-CP3-MH	W201608-AP3-MH	20 x 16 x 8	508 x 406 x 203	B1814PS	18 X 14
W202008-4P3-MH	W202008-6P3-MH	W202008-CP3-MH	W202008-AP3-MH	20 x 20 x 8	508 x 508 x 203	B1818PS	18 x 18
W202412-4P3-MH	W202412-6P3-MH	W202412-CP3-MH	W202412-AP3-MH	20 x 24 x 12	508 x 610 x 305	B2218PS	18 X 22
W241610-4P3-MH	W241610-6P3-MH	W241610-CP3-MH	W241610-AP3-MH	24 x 16 x 10	610 x 406 x 254	B2214PS	22 X 14
W242006-4P3-MH	W242006-6P3-MH	W242006-CP3-MH	W242006-AP3-MH	24 x 20 x 6	610 x 508 x 152	B2218PS	22 X 18
W242410-4P3-MH	W242410-6P3-MH	W242410-CP3-MH	W242410-AP3-MH	24 x 24 x 10	610 x 610 x 254	B2222PS	22 x 22
W242412-4P3-MH	W242412-6P3-MH	W242412-CP3-MH	W242412-AP3-MH	24 x 24 x 12	610 x 610 x 305	B2222PS	22 x 22
W302410-4P3-MH	W302410-6P3-MH	W302410-CP3-MH	W302410-AP3-MH	30 x 24 x 10	762 x 610 x 254	B2822PS	28 x 22
W303008-4P3-MH	W303008-6P3-MH	W303008-CP3-MH	W303008-AP3-MH	30 x 30 x 8	762 x 762 x 203	B2828PS	28 x 28
W363010-4P3-MH	W363010-6P3-MH	W363010-CP3-MH	W363010-AP3-MH	36 x 30 x 10	914 x 762 x 254	B3428PS	34 x 28
W363608-4P3-MH	W363608-6P3-MH	W363608-CP3-MH	W363608-AP3-MH	36 x 36 x 8	914 x 914 x 203	B3434PS	34 x 34
W482410-4P3-MH	W482410-6P3-MH	W482410-CP3-MH	W482410-AP3-MH	48 x 24 x 10	1219 x 610 x 254	B4622PS	46 x 22
W483612-4P3-MH	W483612-6P3-MH	W483612-CP3-MH	W483612-AP3-MH	48 x 36 x 12	1219 x 914 x 305	B4634PS	46 x 34
W603612-4P3-MH	W603612-6P3-MH	W603612-CP3-MH	W603612-AP3-MH	60 x 36 x 12	1524 x 914 x 305	B5834PS	58 x 34
W603616-4P3-MH	W603616-6P3-MH	W603616-CP3-MH	W603616-AP3-MH	60 x 36 x 16	1524 x 914 x 406	B5834PS	58 x 34

Panel Spec Two Door Type 12

Stainless Steel 304 Part #	Stainless Steel 316 Part #	Carbon Steel Part #	Aluminum Part #	Dimensions (in)	Dimensions (mm)	Panel Part #	Panel Size A x B (in)
W244208-4P3-MH	W244208-6P3-MH	W244208-CP3-MH	W244208-AP3-MH	24 x 42 x 8	610 x 1067 x 203	B4022PS	22 x40
W244210-4P3-MH	W244210-6P3-MH	W244210-CP3-MH	W244210-AP3-MH	24 x 42 x 10	610 x 1067 x 254	B4022PS	22 x40
W244810-4P3-MH	W244810-6P3-MH	W244810-CP3-MH	W244810-AP3-MH	24 x 48 x 10	610 x 1219 x 254	B4622PS	22 x46
W304210-4P3-MH	W304210-6P3-MH	W304210-CP3-MH	W304210-AP3-MH	30 x 42 x 10	762 x 1067 x 254	B4028PS	28 x 40
W306008-4P3-MH	W306008-6P3-MH	W306008-CP3-MH	W306008-AP3-MH	30 x 60 x 8	762 x 1524 x 203	B5828PS	28 x 58
W363612-4P3-MH	W363612-6P3-MH	W363612-CP3-MH	W363612-AP3-MH	36 x 36 x 12	914 x 914 x 305	B3434PS	34 x 34
W364212-4P3-MH	W364212-6P3-MH	W364212-CP3-MH	W364212-AP3-MH	36 x 42 x 12	914 x 1067 x 305	B4034PS	34 x 40
W364216-4P3-MH	W364216-6P3-MH	W364216-CP3-MH	W364216-AP3-MH	36 x 42 x 16	914 x 1067 x 406	B4034PS	34 x 40
W366012-4P3-MH	W366012-6P3-MH	W366012-CP3-MH	W366012-AP3-MH	36 x 60 x 12	914 x 1524 x 305	B5834PS	34 x 58
W424808-4P3-MH	W424808-6P3-MH	W424808-CP3-MH	W424808-AP3-MH	42 x 48 x 8	1067 x 1219 x 203	B4640PS	40 x 46
W484810-4P3-MH	W484810-6P3-MH	W484810-CP3-MH	W484810-AP3-MH	48 x 48 x 10	1219 x 1219 x 254	B4646PS	46 x 46
W486012-4P3-MH	W486012-6P3-MH	W486012-CP3-MH	W486012-AP3-MH	48 x 60 x 12	1219 x 1524 x 305	B5846PS	46 x 58
W486016-4P3-MH	W486016-6P3-MH	W486016-CP3-MH	W486016-AP3-MH	48 x 60 x 16	1219 x 1524 x 406	B5846PS	46 x 58

*Contact factory for NEMA 4/4X PS Style boxes.

*Panel part numbers are for reference only and do not imply that panel is included with enclosure. See enclosure product pages for details.



FREESTANDING ENCLOSURES

Freestanding enclosures are designed to house controls, drive assemblies and other electronic assemblies. These large, heavy duty enclosures can be built with up to five overlapping doors.

POPULAR APPLICATIONS

- Parks & Recreation
- Rail Switching Systems
- Motor Control Systems
- Water Treatment



One Door Type 4/4X



PART NUMBERS ON PAGE 45



Standard Specifications

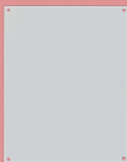
- Seams continuously welded and ground smooth
- Hybrid sealing flange around all sides of door face
- Oil resistant gasket
- Gasket retainer on steel enclosures
- Continuous hinge with stainless steel pin (Stainless Steel hinge on SS Models)
- Stainless steel door clamps
- Pad lockable hasp and staple
- Mounting holes in bottom for securing to floor
- Unistrut rails for mounting panels
- Panels adjustable front to back
- Grounding stud on door
- 3/4" Heavy duty lifting eyes
- Stiffeners added for additional strength

Finish

All enclosures can be formed out of Stainless Steel, Aluminum, or Carbon Steel

- 14 gauge or 12 gauge
304 or 316 Stainless Steel or Carbon Steel
- 0.125" 5052 Aluminum
- Brushed & blended finish for stainless steel and aluminum enclosures
- ANSI 61 gray powder coating outside, white powder coating inside for Steel enclosures

Popular Add-Ons



Sub Panels



Print Pockets



Window Kits

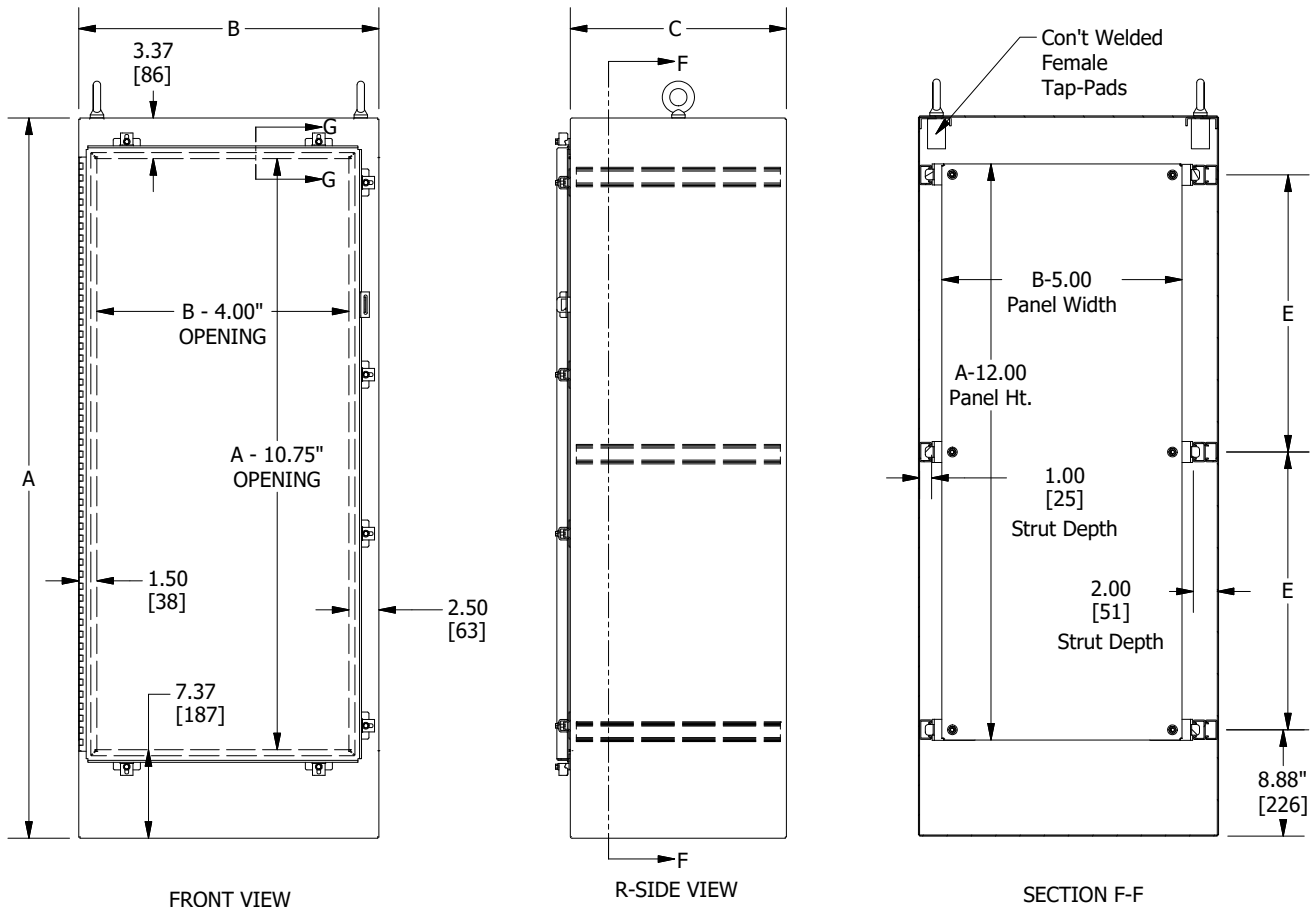


Three-Point
Latch



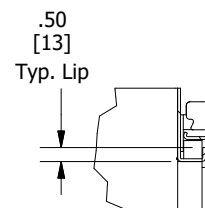
Insulation

One Door Type 4/4X



NOTES

- * E = 23.12" WHEN A = 60"
- * E = 29.12" WHEN A = 72"
- * E = 38.12" WHEN A = 90"



SEC G-G
DETAIL

For more information and detailed drawing files, visit www.emfcompany.com

Two Door Type 4/4X



Standard Specifications

- Seams continuously welded and ground smooth
- Hybrid sealing flange around all sides of door face
- Oil resistant gasket
- Gasket retainer on steel enclosures
- Continuous hinge with stainless steel pin (Stainless Steel hinge on SS Models)
- Stainless steel door clamps
- Pad lockable hasp and staple
- Mounting holes in bottom for securing to floor
- Unistrut rails for mounting panels
- Panels adjustable front to back
- Grounding stud on door
- 3/4" Heavy duty lifting eyes
- Stiffeners added for additional strength

PART NUMBERS ON PAGE 46



CSA - UL/cUL Listed, IEC 60529, IP66

Finish

All enclosures can be formed out of Stainless Steel, Aluminum, or Carbon Steel

- 12 gauge or 11 gauge
304 or 316 Stainless Steel or Carbon Steel
- 0.190" 5052 Aluminum
- Brushed & blended finish for stainless steel and aluminum enclosures
- ANSI 61 gray powder coating outside, white powder coating inside for steel enclosures

Popular Add-Ons



Sub Panels



Print Pockets



Window Kits

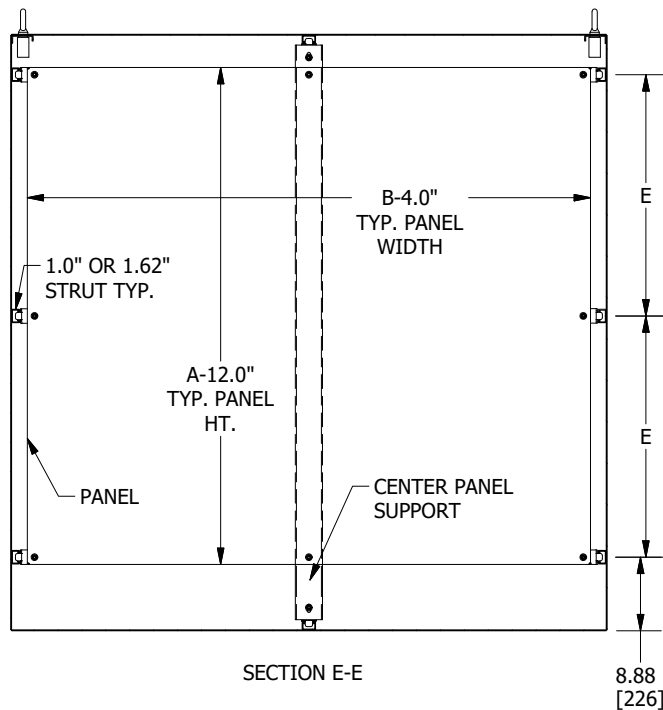
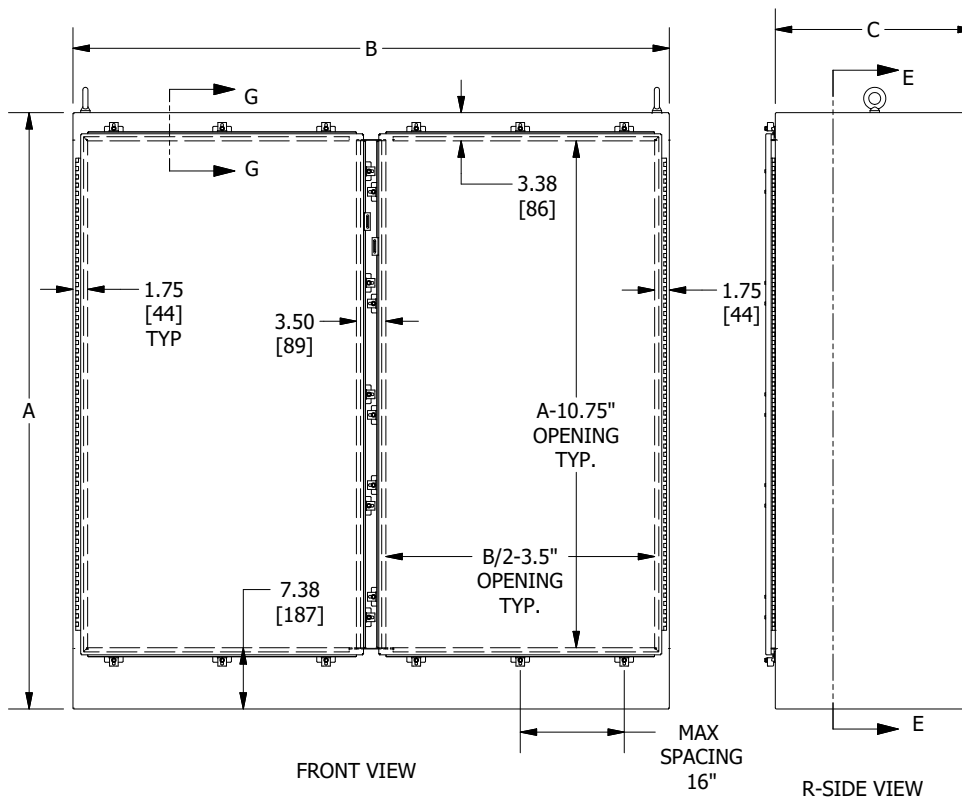


Three-Point
Latch



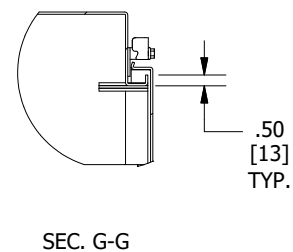
Insulation

Two Door Type 4/4X



NOTES

- * E = 23.12" WHEN A = 60"
- * E = 29.12" WHEN A = 72"
- * E = 38.12" WHEN A = 90"



For more information and detailed drawing files, visit www.emfcompany.com

One Door Type 12



PART NUMBERS ON PAGE 45



CSA - UL/cUL Listed, IEC 60529, IP52

Standard Specifications

- Seams continuously welded and ground smooth
- Hybrid sealing flange around all sides of door face
- Oil resistant gasket
- Gasket retainer on steel enclosures
- Continuous hinge with stainless steel pin (Stainless Steel Hinges on SS Models)
- Mounting holes in bottom for securing to floor
- Three point locking handle
- Unistrut rails for mounting panels
- Panels adjustable front to back
- Grounding stud on door
- 3/4" Heavy duty lifting eyes
- Dual access option available

Finish

All enclosures can be formed out of Stainless Steel, Aluminum, or Carbon Steel

- 14 gauge or 12 gauge
304 or 316 Stainless Steel or Carbon Steel
- 0.125" 5052 Aluminum
- Brushed & blended finish for stainless steel and aluminum enclosures
- ANSI 61 gray powder coating inside and out for carbon steel enclosures

Popular Add-Ons



Sub Panels



Print Pockets



Window Kits

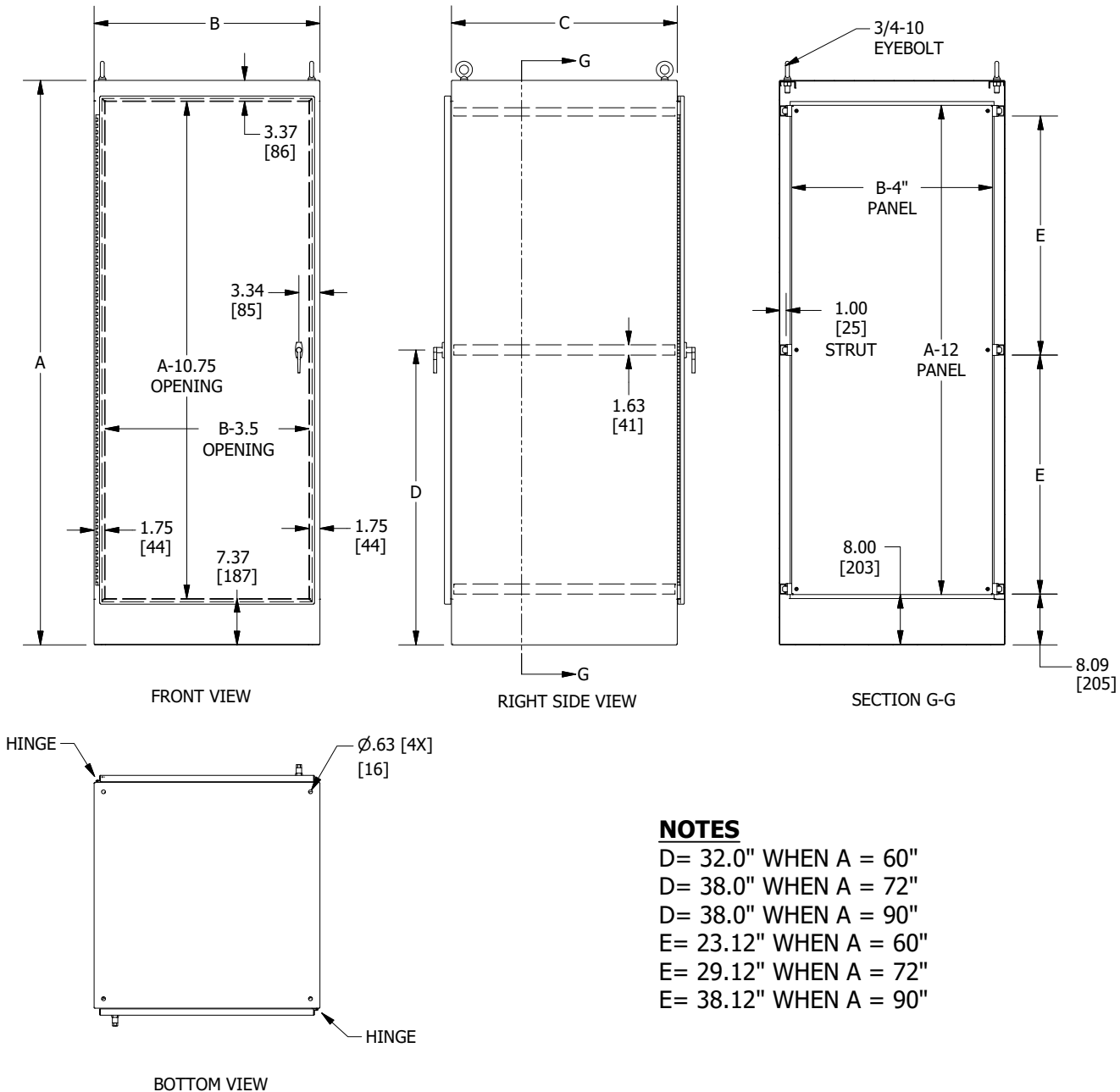


Alternative
Handles



Insulation

One Door Type 12



NOTES

D= 32.0" WHEN A = 60"
 D= 38.0" WHEN A = 72"
 D= 38.0" WHEN A = 90"
 E= 23.12" WHEN A = 60"
 E= 29.12" WHEN A = 72"
 E= 38.12" WHEN A = 90"

For more information and detailed drawing files, visit www.emfcompany.com

Two Door Type 12



Standard Specifications

- Seams continuously welded and ground smooth
- Hybrid sealing flange around all sides of door face
- Oil resistant gasket
- Gasket retainer on steel enclosures
- Continuous hinge with stainless steel pin (Stainless Steel Hinges on SS Models)
- Mounting holes in bottom for securing to floor
- Three point locking handle
- Unistrut rails for mounting panels
- Panels adjustable front to back
- Grounding stud on door
- 3/4" Heavy duty lifting eyes
- Dual access option available

PART NUMBERS ON PAGE 46



Finish

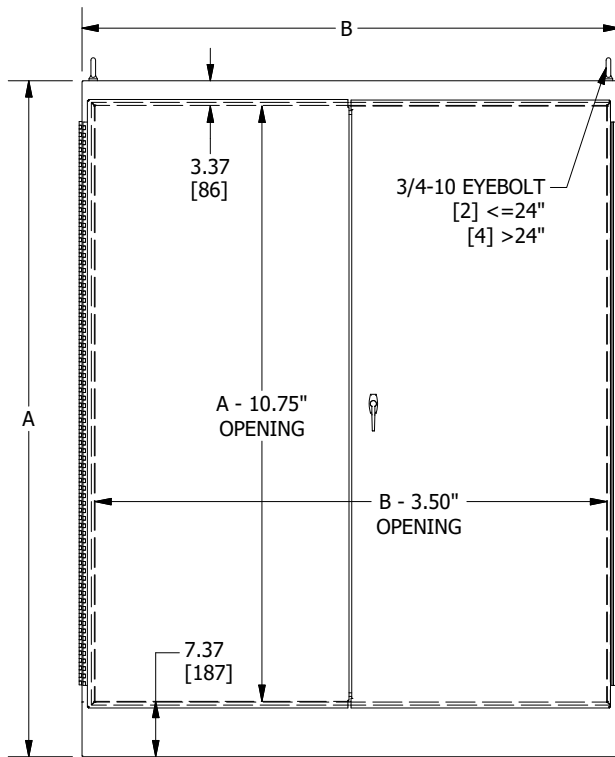
All enclosures can be formed out of Stainless Steel, Aluminum, or Carbon Steel

- 12 gauge or 11 gauge
304 or 316 Stainless Steel or Carbon Steel
- 0.190" 5052 Aluminum
- Brushed & blended finish for stainless steel and aluminum enclosures
- ANSI 61 gray powder coating inside and out for carbon steel enclosures

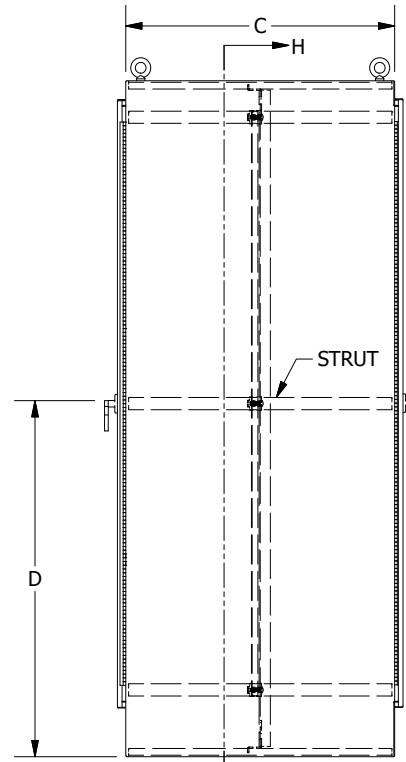
Popular Add-Ons



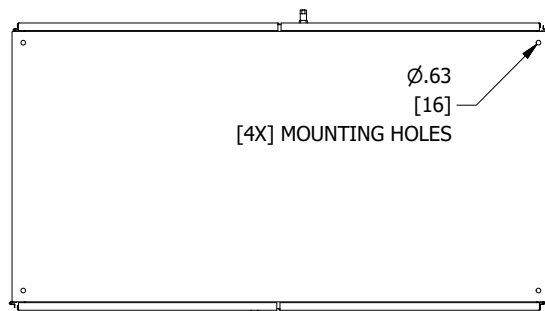
Two Door Type 12



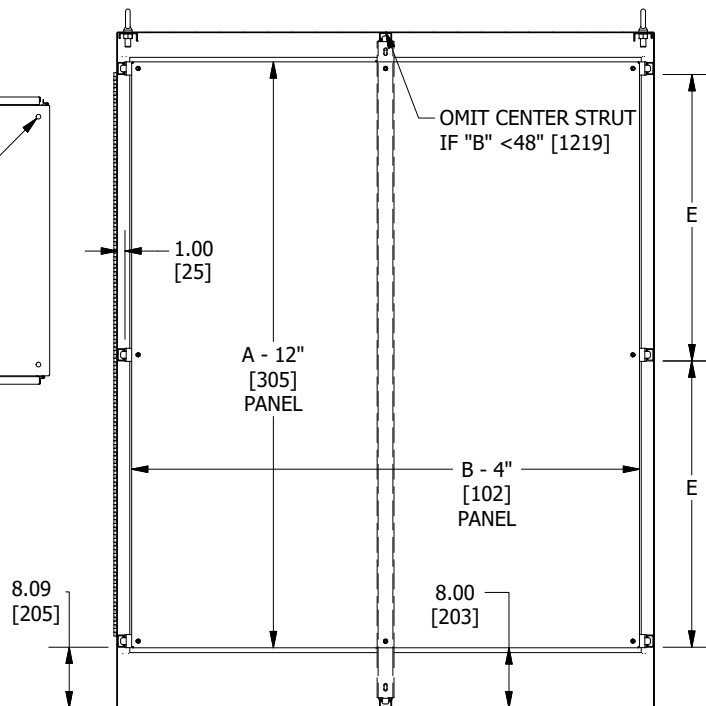
FRONT VIEW



R SIDE VIEW



BOTTOM VIEW



SECTION H-H

NOTES

D= 32.0" WHEN A = 60"
 D= 38.0" WHEN A = 72"
 D= 38.0" WHEN A = 90"
 E= 23.12" WHEN A = 60"
 E= 29.12" WHEN A = 72"
 E= 38.12" WHEN A = 90"

For more information and detailed drawing files, visit www.emfcompany.com

Multi Door Type 12



Standard Specifications

- Seams continuously welded and ground smooth
- Hybrid sealing flange around all sides of door face
- Oil resistant gasket
- Gasket retainer on all steel enclosures
- Continuous hinge with stainless steel pin (Stainless Steel Hinge on SS Models)
- Three point locking handle
- Mounting holes in bottom for securing to floor
- 3/8-16 collar studs with mounting panel included
- 3/4" Heavy duty lifting eyes
- Stiffeners added for rigidity
- Includes light strut for mounting internal lighting

PART NUMBERS ON PAGE 47



Finish

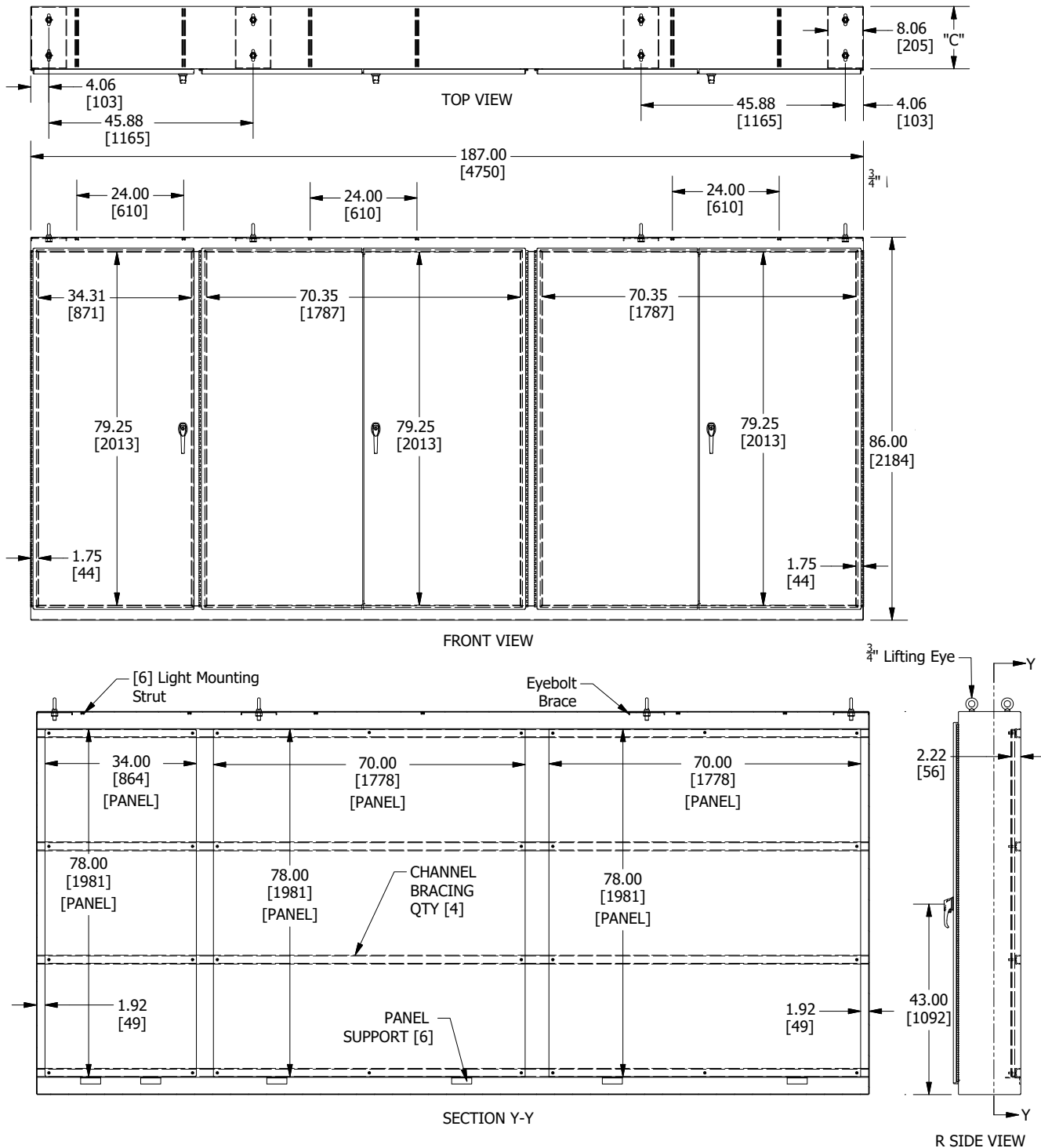
All enclosures can be formed out of Stainless Steel, Aluminum, or Carbon Steel

- 11 gauge, 304 or 316 Stainless Steel or Carbon Steel
- 0.190" 5052 Aluminum
- Brushed & blended finish for stainless steel and aluminum enclosures
- ANSI 61 gray powder coating inside and out for carbon steel enclosures

Popular Add-Ons



Multi Door Type 12



For more information and detailed drawing files, visit www.emfcompany.com

Popular Standard Enclosures

Additional & Custom sizing available
contact factory for details

One Door Type 4/4X

Stainless Steel 304 Part #	Stainless Steel 316 Part #	Carbon Steel Part #	Aluminum Part #	Dimensions (in)	Dimensions (mm)	Panel Part #	Panel Size A x B (in)
F722518-4HC	F722518-6HC	F722518-CHC	F722518-AHC	72 X 25 X 18	1830 X 637 X 459	B6020PS	60 X 20
F722524-4HC	F722524-6HC	F722524-CHC	F722524-AHC	72 X 25 X 24	1830 X 637 X 611	B6020PS	60 X 20
F722530-4HC	F722530-6HC	F722530-CHC	F722530-AHC	72 X 25 X 30	1830 X 637 X 763	B6020PS	60 X 20
F722536-4HC	F722536-6HC	F722536-CHC	F722536-AHC	72 X 25 X 36	1830 X 637 X 915	B6020PS	60 X 20
F723118-4HC	F723118-6HC	F723118-CHC	F723118-AHC	72 X 31 X 18	1830 X 789 X 459	B6026PS	60 X 26
F723124-4HC	F723124-6HC	F723124-CHC	F723124-AHC	72 X 31 X 24	1830 X 789 X 611	B6026PS	60 X 26
F723130-4HC	F723130-6HC	F723130-CHC	F723130-AHC	72 X 31 X 30	1830 X 789 X 763	B6026PS	60 X 26
F723136-4HC	F723136-6HC	F723136-CHC	F723136-AHC	72 X 31 X 36	1830 X 789 X 915	B6026PS	60 X 26
F723718-4HC	F723718-6HC	F723718-CHC	F723718-AHC	72 X 37 X 18	1830 X 941 X 459	B6032PS	60 X 32
F723724-4HC	F723724-6HC	F723724-CHC	F723724-AHC	72 X 37 X 24	1830 X 941 X 611	B6032PS	60 X 32
F723730-4HC	F723730-6HC	F723730-CHC	F723730-AHC	72 X 37 X 30	1830 X 941 X 763	B6032PS	60 X 32
F723736-4HC	F723736-6HC	F723736-CHC	F723736-AHC	72 X 37 X 36	1830 X 941 X 915	B6032PS	60 X 32
F902518-4HC	F902518-6HC	F902518-CHC	F902518-AHC	90 X 25 X 18	2288 X 637 X 459	B7820PS	78 X 20
F902524-4HC	F902524-6HC	F902524-CHC	F902524-AHC	90 X 25 X 24	2288 X 637 X 611	B7820PS	78 X 20
F902530-4HC	F902530-6HC	F902530-CHC	F902530-AHC	90 X 25 X 30	2288 X 637 X 763	B7820PS	78 X 20
F902536-4HC	F902536-6HC	F902536-CHC	F902536-AHC	90 X 25 X 36	2288 X 637 X 915	B7820PS	78 X 20
F903118-4HC	F903118-6HC	F903118-CHC	F903118-AHC	90 X 31 X 18	2288 X 789 X 459	B7826PS	78 X 26
F903124-4HC	F903124-6HC	F903124-CHC	F903124-AHC	90 X 31 X 24	2288 X 789 X 611	B7826PS	78 X 26
F903130-4HC	F903130-6HC	F903130-CHC	F903130-AHC	90 X 31 X 30	2288 X 789 X 763	B7826PS	78 X 26
F903136-4HC	F903136-6HC	F903136-CHC	F903136-AHC	90 X 31 X 36	2288 X 789 X 915	B7826PS	78 X 26
F903724-4HC	F903724-6HC	F903724-CHC	F903724-AHC	90 X 37 X 24	2288 X 941 X 611	B7832PS	78 X 32
F903730-4HC	F903730-6HC	F903730-CHC	F903730-AHC	90 X 37 X 30	2288 X 941 X 763	B7832PS	78 X 32
F903736-4HC	F903736-6HC	F903736-CHC	F903736-AHC	90 X 37 X 36	2288 X 941 X 915	B7832PS	78 X 32

One Door Type 12

Stainless Steel 304 Part #	Stainless Steel 316 Part #	Carbon Steel Part #	Aluminum Part #	Dimensions (in)	Dimensions (mm)	Panel Part #	Panel Size A x B (in)
F602418-4H3	F602418-6H3	F602418-CH3	F602418-AH3	60 X 24 X 18	1526 X 611 X 459	B4820PS	48 X 20
F603618-4H3	F603618-6H3	F603618-CH3	F603618-AH3	60 X 36 X 18	1526 X 916 X 459	B4820PS	48 X 32
F722424-4H3	F722424-6H3	F722424-CH3	F722424-AH3	72 X 24 X 24	1830 X 611 X 611	B6020PS	60 X 20
F723024-4H3	F723024-6H3	F723024-CH3	F723024-AH3	72 X 30 X 24	1830 X 764 X 611	B6026PS	60 X 26
F723636-4H3	F723636-6H3	F723636-CH3	F723636-AH3	72 X 36 X 36	1830 X 916 X 915	B6032PS	60 X 32
F902418-4H3	F902418-6H3	F902418-CH3	F902418-AH3	90 X 24 X 18	2288 X 611 X 459	B7820PS	78 X 20
F903018-4H3	F903018-6H3	F903018-CH3	F903018-AH3	90 X 30 X 18	2288 X 764 X 459	B7826PS	78 X 26
F903030-4H3	F903030-6H3	F903030-CH3	F903030-AH3	90 X 30 X 30	2288 X 764 X 763	B7826PS	78 X 26
F903630-4H3	F903630-6H3	F903630-CH3	F903630-AH3	90 X 36 X 30	2288 X 916 X 763	B7832PS	78 X 32
F903636-4H3	F903636-6H3	F903636-CH3	F903636-AH3	90 X 36 X 36	2288 X 916 X 915	B7832PS	78 X 32

*Panel part numbers are for reference only and do not imply that panel is included with enclosure. See enclosure product pages for details.

Popular Standard Enclosures

Additional & Custom sizing available
contact factory for details

Two Door Type 4/4X

Stainless Steel 304 Part #	Stainless Steel 316 Part #	Carbon Steel Part #	Aluminum Part #	Dimensions (in)	Dimensions (mm)	Panel Part #	Panel Size A x B (in)
F604818-4HC	F604818-6HC	F604818-CHC	F604818-AHC	60 X 48 X 18	1524 X 1219 X 457	B4844PS	48 X 44
F604824-4HC	F604824-6HC	F604824-CHC	F604824-AHC	60 X 48 X 24	1524 X 1219 X 610	B4844PS	48 X 44
F606018-4HC	F606018-6HC	F606018-CHC	F606018-AHC	60 X 60 X 18	1524 X 1524 X 457	B4856PS	48 X 56
F606036-4HC	F606036-6HC	F606036-CHC	F606036-AHC	60 X 60 X 36	1524 X 1524 X 914	B4856PS	48 X 56
F724818-4HC	F724818-6HC	F724818-CHC	F724818-AHC	72 X 48 X 18	1829 X 1219 X 457	B6044PS	60 X 44
F724824-4HC	F724824-6HC	F724824-CHC	F724824-AHC	72 X 48 X 24	1829 X 1219 X 610	B6044PS	60 X 44
F724836-4HC	F724836-6HC	F724836-CHC	F724836-AHC	72 X 48 X 36	1829 X 1219 X 914	B6044PS	60 X 44
F726018-4HC	F726018-6HC	F726018-CHC	F726018-AHC	72 X 60 X 18	1829 X 1524 X 457	B6056PS	60 X 56
F726024-4HC	F726024-6HC	F726024-CHC	F726024-AHC	72 X 60 X 24	1829 X 1524 X 610	B6056PS	60 X 56
F726036-4HC	F726036-6HC	F726036-CHC	F726036-AHC	72 X 60 X 36	1829 X 1524 X 914	B6056PS	60 X 56
F727218-4HC	F727218-6HC	F727218-CHC	F727218-AHC	72 X 72 X 18	1829 X 1829 X 457	B6068PS	60 X 68
F727236-4HC	F727236-6HC	F727236-CHC	F727236-AHC	72 X 72 X 36	1829 X 1829 X 914	B6068PS	60 X 68
F904820-4HC	F904820-6HC	F904820-CHC	F904820-AHC	90 X 48 X 20	2286 X 1219 X 508	B7844PS	78 X 44
F904836-4HC	F904836-6HC	F904836-CHC	F904836-AHC	90 X 48 X 36	2286 X 1219 X 914	B7844PS	78 X 44
F906020-4HC	F906020-6HC	F906020-CHC	F906020-AHC	90 X 60 X 20	2286 X 1524 X 508	B7856PS	78 X 56
F906024-4HC	F906024-6HC	F906024-CHC	F906024-AHC	90 X 60 X 24	2286 X 1524 X 610	B7856PS	78 X 56
F906036-4HC	F906036-6HC	F906036-CHC	F906036-AHC	90 X 60 X 36	2286 X 1524 X 914	B7856PS	78 X 56
F907218-4HC	F907218-6HC	F907218-CHC	F907218-AHC	90 X 72 X 18	2286 X 1829 X 457	B7868PS	78 X 68
F907220-4HC	F907220-6HC	F907220-CHC	F907220-AHC	90 X 72 X 20	2286 X 1829 X 508	B7868PS	78 X 68
F907224-4HC	F907224-6HC	F907224-CHC	F907224-AHC	90 X 72 X 24	2286 X 1829 X 610	B7868PS	78 X 68
F907236-4HC	F907236-6HC	F907236-CHC	F907236-AHC	90 X 72 X 36	2286 X 1829 X 914	B7868PS	78 X 68

Two Door Type 12

Stainless Steel 304 Part #	Stainless Steel 316 Part #	Carbon Steel Part #	Aluminum Part #	Dimensions (in)	Dimensions (mm)	Shipping (lbs)	Panel Part #	Panel Size A x B (in)
F604818-4H3	F604818-6H3	F604818-CH3	F604818-AH3	60 x 48 x 18	1524 x 1219 x 457	300	B4844PS	48 x 44
F606018-4H3	F606018-6H3	F606018-CH3	F606018-AH3	60 x 60 x 18	1524 x 1524 x 457	396	B4856PS	48 x 56
F606036-4H3	F606036-6H3	F606036-CH3	F606036-AH3	60 x 60 x 36	1524 x 1524 x 914	546	B4856PS	48 x 56
F724824-4H3	F724824-6H3	F724824-CH3	F724824-AH3	72 x 48 x 24	1829 x 1219 x 610	530	B6044PS	60 x 44
F726036-4H3	F726036-6H3	F726036-CH3	F726036-AH3	72 x 60 x 36	1829 x 1524 x 914	750	B6056PS	60 x 56
F904818-4H3	F904818-6H3	F904818-CH3	F904818-AH3	90 x 48 x 18	2286 x 1219 x 457	503	B7844PS	78 x 44
F904820-4H3	F904820-6H3	F904820-CH3	F904820-AH3	90 x 48 x 20	2286 x 1219 x 508	528	B7844PS	78 x 44
F906018-4H3	F906018-6H3	F906018-CH3	F906018-AH3	90 x 60 x 18	2286 x 1524 x 457	593	B7856PS	78 x 56
F906036-4H3	F906036-6H3	F906036-CH3	F906036-AH3	90 x 60 x 36	2286 x 1524 x 914	776	B7856PS	78 x 56
F907224-4H3	F907224-6H3	F907224-CH3	F907224-AH3	90 x 72 x 24	2286 x 1829 x 610	825	B7868PS	78 x 68
F907236-4H3	F907236-6H3	F907236-CH3	F907236-AH3	90 x 72 x 36	2286 x 1829 x 914	1000	B7868PS	78 x 68

*Panel part numbers are for reference only and do not imply that panel is included with enclosure. See enclosure product pages for details.

Popular Standard Enclosures

Additional & Custom sizing available
contact factory for details

Multi Door Type I2

Stainless Steel 304 Part #	Stainless Steel 316 Part #	Carbon Steel Part #	Aluminum Part #	Dimensions (in)	Dimensions (mm)	# of Doors	# of panels	1 st Panel (in)	2 nd Panel (in)
F8611214-4H3	F8611214-6H3	F8611214-CH3	F8611214-AH3	86 x 112 x 14	2187 x 2845 x 359	3	2	78 x 70	78 x 34
F8611220-4H3	F8611220-6H3	F8611220-CH3	F8611220-AH3	86 x 112 x 20	2187 x 2845 x 511	3	2	78 x 70	78 x 34
F8614914-4H3	F8614914-6H3	F8614914-CH3	F8614914-AH3	86 x 149 x 14	2187 x 3785 x 359	4	2	78 x 70	78 x 70
F8614920-4H3	F8614920-6H3	F8614920-CH3	F8614920-AH3	86 x 149 x 20	2187 x 3785 x 511	4	2	78 x 70	78 x 70
F8618714-4H3	F8618714-6H3	F8618714-CH3	F8618714-AH3	86 x 187 x 14	2187 x 4750 x 359	5	3	78 x 70	78 x 34
F8618720-4H3	F8618720-6H3	F8618720-CH3	F8618720-AH3	86 x 187 x 20	2187 x 4750 x 511	5	3	78 x 70	78 x 34

*Panel part numbers are for reference only and do not imply that panel is included with enclosure. See enclosure product pages for details.



FLOOR MOUNT ENCLOSURES

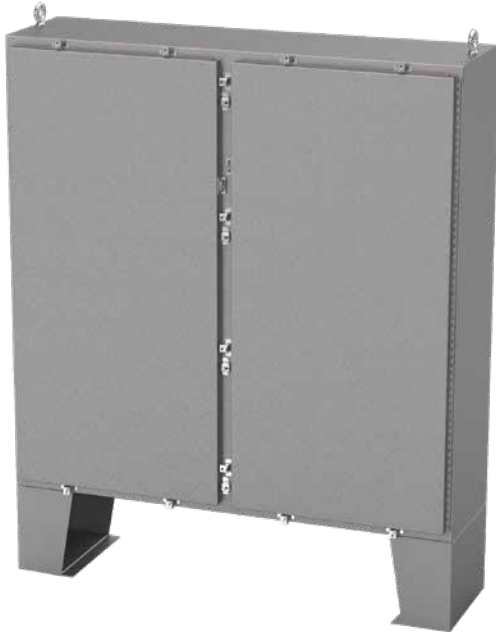
Floor mount enclosures provide a sturdy mounting system while raising electrical components off of the floor. Various leg heights and styles are available.

POPULAR APPLICATIONS

- Dock Unloader Systems
- Conveyor Systems
- Parks & Recreation
- Breweries & Food Preparation
- Motor Control Systems



Two Door Type 4/4X



Standard Specifications

- Seams continuously welded and ground smooth
- Hybrid sealing flange around all sides of door face
- Oil resistant gasket
- Gasket retainer on steel enclosures
- Continuous hinge with stainless steel pin (Stainless Steel Hinge on all SS models)
- Stainless steel door clamps
- Pad lockable hasp and staple
- 12" Legs with pre-cut mounting holes
- 3/8-16 collar studs and panel supports for mounting panels
- Grounding stud on door
- 3/4" Heavy duty lifting eyes
- Removable center post
- Stiffeners added for additional strength

PART NUMBERS ON PAGE 53



Finish

All enclosures can be formed out of Stainless Steel, Aluminum, or Carbon Steel

- 12 gauge or 11 gauge 304 or 316 Stainless Steel or Carbon Steel
- 0.190" 5052 Aluminum
- Brushed & blended finish for stainless steel and aluminum enclosures
- ANSI 61 gray powder coating outside, white powder coat inside for carbon steel enclosures
- Ask about custom powder coating options!

Popular Add-Ons



Sub Panels



Print Pockets



Window Kits

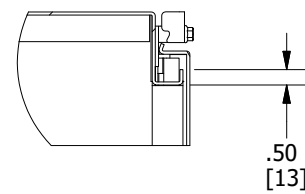
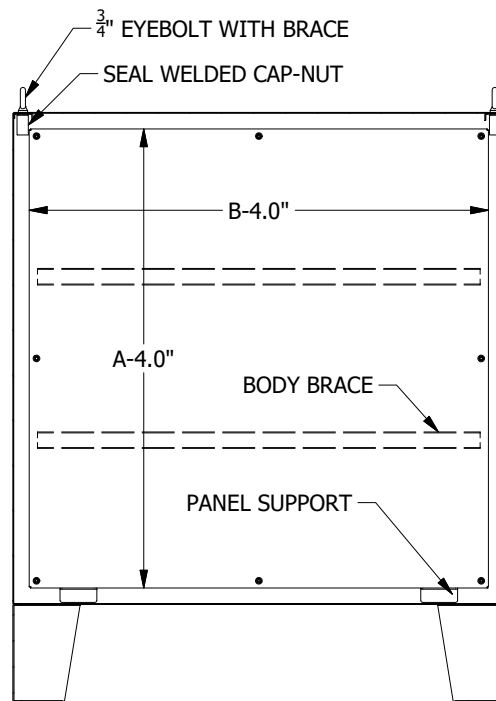
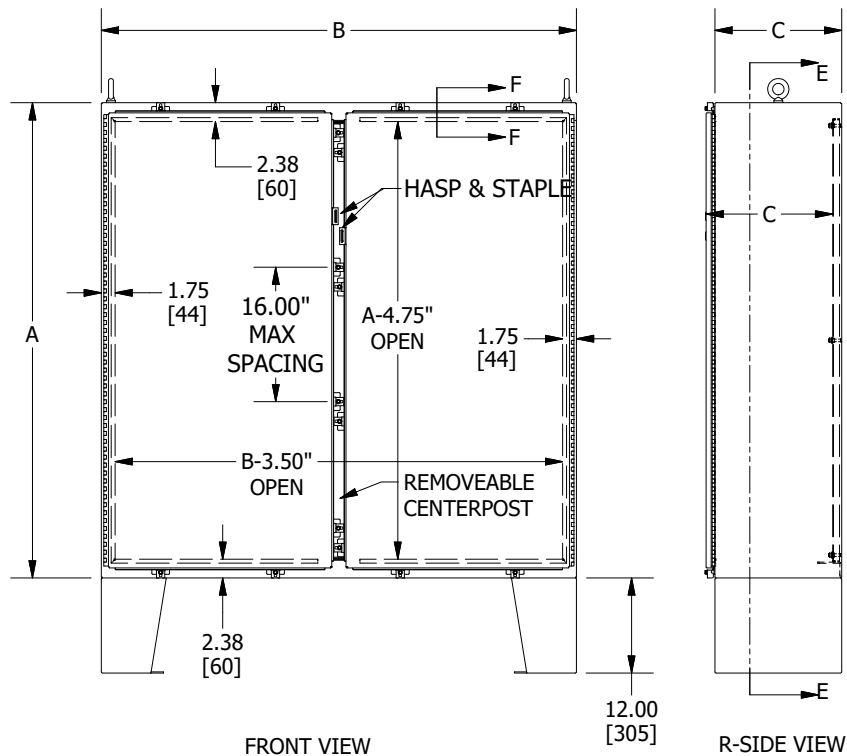


Louvers



Alternative Leg Height

Two Door Type 4/4X



SECTION F-F

For more information and detailed drawing files, visit www.emfcompany.com

Two Door Type 12



PART NUMBERS ON PAGE 53



Standard Specifications

- Seams continuously welded and ground smooth
- Hybrid sealing flange around all sides of door face
- Oil resistant gasket
- Gasket retainer on steel enclosures
- Continuous hinge with stainless steel pin (Stainless Steel Hinge for SS Enclosures)
- Three point locking handle
- 12" Legs with pre-cut mounting holes
- 3/8-16 collar studs and panel supports for mounting panels
- Grounding stud on door
- 3/4" Heavy duty lifting eyes
- Stiffeners added for additional strength
- Overlapping doors with right as master

Finish

All enclosures can be formed out of Stainless Steel, Aluminum, or Carbon Steel

- 12 gauge or 11 gauge 304 or 316 Stainless Steel or Carbon Steel
- 0.190" 5052 Aluminum
- Brushed & blended finish for stainless steel and aluminum enclosures
- ANSI 61 gray powder coating inside and out for carbon steel enclosures
- Ask about custom powder coating options!

Popular Add-Ons



Sub Panels



Alternative Handles



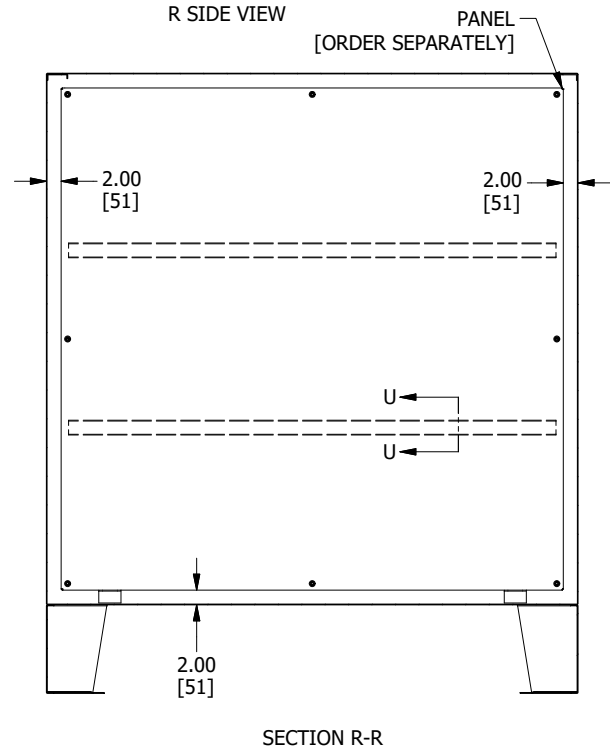
Window Kits



Louvers



Insulation



Popular Standard Enclosures

Additional & Custom sizing available
contact factory for details

Two Door Type 4/4x

Stainless Steel 304 Part #	Stainless Steel 316 Part #	Carbon Steel Part #	Aluminum Part #	Dimensions (in)	Dimensions (mm)	Panel Part #	Panel Size A x B (in)
W624810-4HC-LK	W624810-6HC-LK	W624810-CHC-LK	W624810-AHC-LK	62 X 48 X 10	1576 X 1221 X 256	B5644PS	56 X 44
W624812-4HC-LK	W624812-6HC-LK	W624812-CHC-LK	W624812-AHC-LK	62 X 48 X 12	1576 X 1221 X 306	B5644PS	56 X 44
W624816-4HC-LK	W624816-6HC-LK	W624816-CHC-LK	W624816-AHC-LK	62 X 48 X 16	1576 X 1221 X 408	B5644PS	56 X 44
W624820-4HC-LK	W624820-6HC-LK	W624820-CHC-LK	W624820-AHC-LK	62 X 48 X 20	1576 X 1221 X 510	B5644PS	56 X 44
W624824-4HC-LK	W624824-6HC-LK	W624824-CHC-LK	W624824-AHC-LK	62 X 48 X 24	1576 X 1221 X 611	B5644PS	56 X 44
W626010-4HC-LK	W626010-6HC-LK	W626010-CHC-LK	W626010-AHC-LK	62 X 60 X 10	1576 X 1526 X 256	B5656PS	56 X 56
W626016-4HC-LK	W626016-6HC-LK	W626016-CHC-LK	W626016-AHC-LK	62 X 60 X 16	1576 X 1526 X 408	B5656PS	56 X 56
W626020-4HC-LK	W626020-6HC-LK	W626020-CHC-LK	W626020-AHC-LK	62 X 60 X 20	1576 X 1526 X 510	B5656PS	56 X 56
W626024-4HC-LK	W626024-6HC-LK	W626024-CHC-LK	W626024-AHC-LK	62 X 60 X 24	1576 X 1526 X 611	B5656PS	56 X 56
W744810-4HC-LK	W744810-6HC-LK	W744810-CHC-LK	W744810-AHC-LK	74 X 48 X 10	1881 X 1221 X 256	B6844PS	68 X 44
W744812-4HC-LK	W744812-6HC-LK	W744812-CHC-LK	W744812-AHC-LK	74 X 48 X 12	1881 X 1221 X 306	B6844PS	68 X 44
W744820-4HC-LK	W744820-6HC-LK	W744820-CHC-LK	W744820-AHC-LK	74 X 48 X 20	1881 X 1221 X 510	B6844PS	68 X 44
W744824-4HC-LK	W744824-6HC-LK	W744824-CHC-LK	W744824-AHC-LK	74 X 48 X 24	1881 X 1221 X 611	B6844PS	68 X 44
W746010-4HC-LK	W746010-6HC-LK	W746010-CHC-LK	W746010-AHC-LK	74 X 60 X 10	1881 X 1526 X 256	B6856PS	68 X 56
W746012-4HC-LK	W746012-6HC-LK	W746012-CHC-LK	W746012-AHC-LK	74 X 60 X 12	1881 X 1526 X 306	B6856PS	68 X 56
W746016-4HC-LK	W746016-6HC-LK	W746016-CHC-LK	W746016-AHC-LK	74 X 60 X 16	1881 X 1526 X 408	B6856PS	68 X 56
W746024-4HC-LK	W746024-6HC-LK	W746024-CHC-LK	W746024-AHC-LK	74 X 60 X 24	1881 X 1526 X 611	B6856PS	68 X 56
W747212-4HC-LK	W747212-6HC-LK	W747212-CHC-LK	W747212-AHC-LK	74 X 72 X 12	1881 X 1830 X 306	B6868PS	68 X 68
W747216-4HC-LK	W747216-6HC-LK	W747216-CHC-LK	W747216-AHC-LK	74 X 72 X 16	1881 X 1830 X 408	B6868PS	68 X 68
W747220-4HC-LK	W747220-6HC-LK	W747220-CHC-LK	W747220-AHC-LK	74 X 72 X 20	1881 X 1830 X 510	B6868PS	68 X 68
W747224-4HC-LK	W747224-6HC-LK	W747224-CHC-LK	W747224-AHC-LK	74 X 72 X 24	1881 X 1830 X 611	B6868PS	68 X 68

Two Door Type 12

Stainless Steel 304 Part #	Stainless Steel 316 Part #	Carbon Steel Part #	Aluminum Part #	Dimensions (in)	Dimensions (mm)	Panel Part #	Panel Size A x B (in)
W544208-4H3-LK	W544208-6H3-LK	W544208-CH3-LK	W544208-AH3-LK	54 x 42 x 8	1372 x 1067 x 203	B5139PS	51 x 39
W604812-4H3-LK	W604812-6H3-LK	W604812-CH3-LK	W604812-AH3-LK	60 x 48 x 12	1524 x 1219 x 306	B5745PS	57 x 45
W604820-4H3-LK	W604820-6H3-LK	W604820-CH3-LK	W604820-AH3-LK	60 x 48 x 20	1524 x 1219 x 510	B5745PS	57 x 45
W606008-4H3-LK	W606008-6H3-LK	W606008-CH3-LK	W606008-AH3-LK	60 x 60 x 8	1524 x 1524 x 203	B5757PS	57 x 57
W606010-4H3-LK	W606010-6H3-LK	W606010-CH3-LK	W606010-AH3-LK	60 x 60 x 10	1524 x 1524 x 256	B5757PS	57 x 57
W606012-4H3-LK	W606012-6H3-LK	W606012-CH3-LK	W606012-AH3-LK	60 x 60 x 16	1524 x 1524 x 408	B5757PS	57 x 57
W724816-4H3-LK	W724816-6H3-LK	W724816-CH3-LK	W724816-AH3-LK	72 x 48 x 16	1829 x 1219 x 408	B6945PS	69 x 45
W726012-4H3-LK	W726012-6H3-LK	W726012-CH3-LK	W726012-AH3-LK	72 x 60 x 12	1829 x 1524 x 306	B6957PS	69 x 57
W726016-4H3-LK	W726016-6H3-LK	W726016-CH3-LK	W726016-AH3-LK	72 x 60 x 16	1829 x 1524 x 408	B6957PS	69 x 57
W726020-4H3-LK	W726020-6H3-LK	W726020-CH3-LK	W726020-AH3-LK	72 x 60 x 20	1829 x 1524 x 510	B6957PS	69 x 57
W727216-4H3-LK	W727216-6H3-LK	W727216-CH3-LK	W727216-AH3-LK	72 x 72 x 16	1829 x 1829 x 408	B6969PS	69 x 69

*Panel part numbers are for reference only and do not imply that panel is included with enclosure. See enclosure product pages for details.

JIC ENCLOSURES

JIC Enclosures are NEMA rated to protect against dust, dirt, oil and water. These Junction Boxes have multiple hinge and clamp configurations to choose from.

POPULAR APPLICATIONS

- Highway Lighting Systems
- Breweries & Dairies
- General electrical contracting



Screw Cover Type 12



Standard Specifications

- Seams continuously welded and ground smooth
- Oil resistant gasket
- Captivated screws threaded into sealed wells for liquid-tight seal
- Mounting flange on top and bottom
- Weld nuts for mounting panels
- Grounding stud on door

PART NUMBERS ON PAGE 67

Finish

All enclosures can be formed out of Stainless Steel, Aluminum, or Carbon Steel

- 16 gauge, 304 or 316 Stainless Steel or Carbon Steel
- 0.080" 5052 Aluminum
- Brushed & blended finish for stainless steel and aluminum enclosures
- ANSI 61 gray powder coating inside and out for carbon steel enclosures



CSA - UL/cUL Listed, IEC 60529, IP52

Popular Add-Ons



Sub Panels



Swing Out Panels



Window Kits

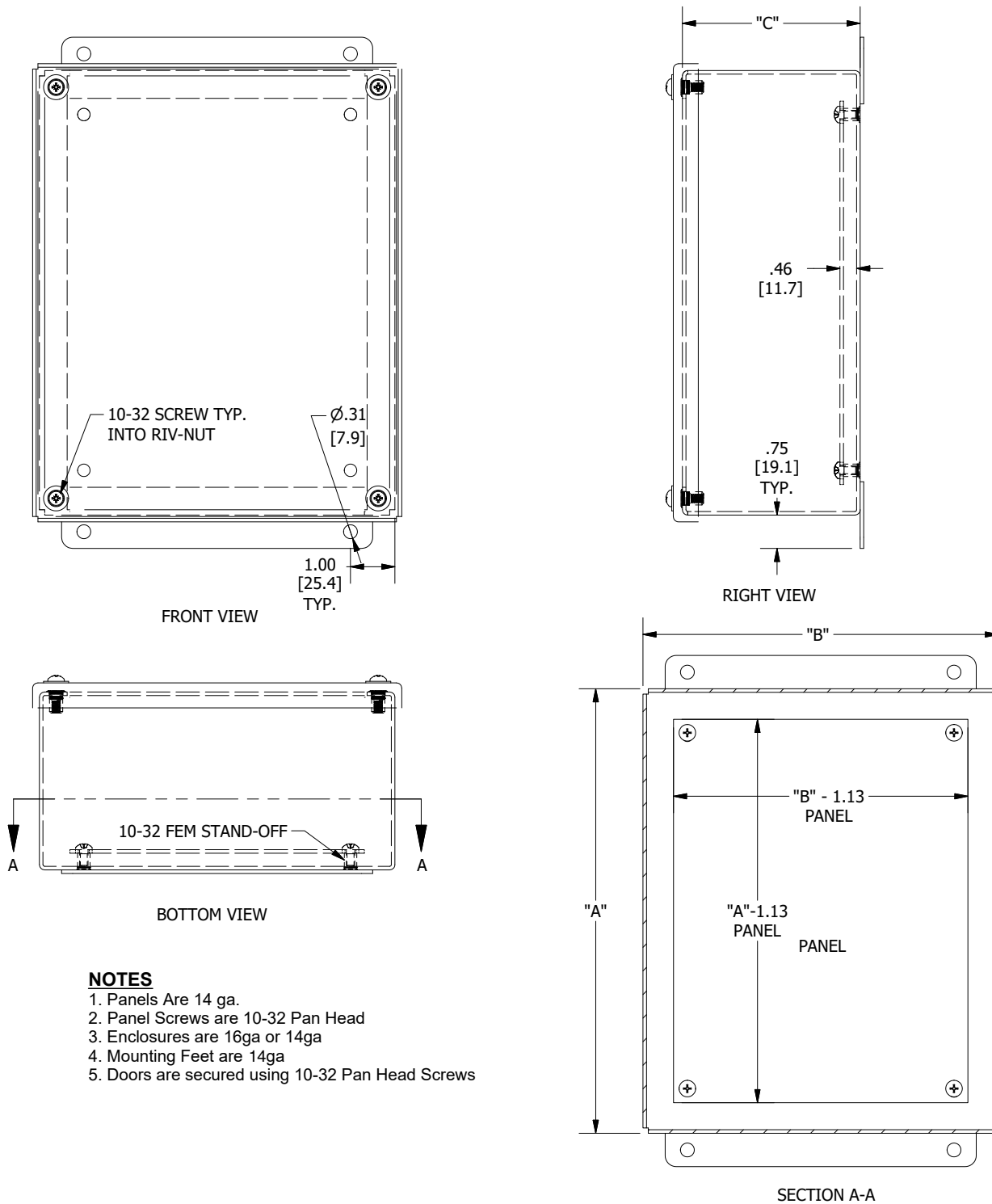


Louvers



Knockouts/Cutouts

Screw Cover Type 12



For more information and detailed drawing files, visit www.emfcompany.com

Clamp Cover Type 4



Standard Specifications

- Seams continuously welded and ground smooth
- Oil resistant gasket
- Removable cover
- Screw door clamps
- Mounting flange on top and bottom
- Weld nuts for mounting panels
- Grounding stud on door

PART NUMBERS ON PAGE 68



CSA - UL/cUL Listed, IEC 60529, IP66

Finish

All enclosures can be formed out of Stainless Steel, Aluminum, or Carbon Steel

- 16 gauge, 304 or 316 Stainless Steel or Carbon Steel
- 0.080" 5052 Aluminum
- Brushed & blended finish for stainless steel and aluminum enclosures
- ANSI 61 gray powder coating inside and out for Steel enclosures

Popular Add-Ons



Sub Panels



Swing Out Panels



Window Kits

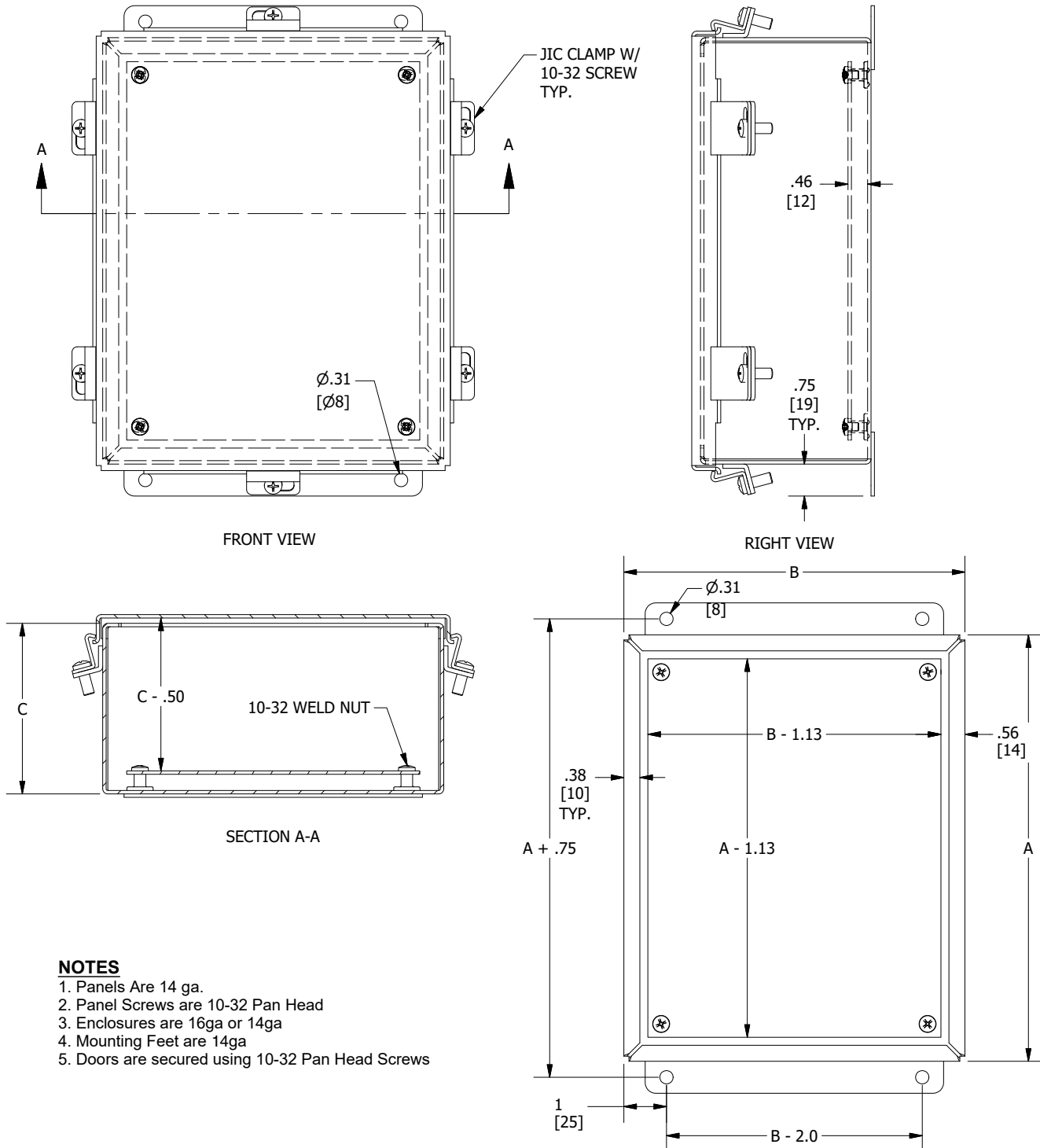


Alternative
Clamps



Knockouts/Cutouts

Clamp Cover Type 4



For more information and detailed drawing files, visit www.emfcompany.com

Continuous Hinge Clamp Cover Type 4/4X



Standard Specifications

- Seams continuously welded and ground smooth
- Oil resistant gasket
- Continuous hinge with stainless steel pin (Stainless Steel Hinge on SS Models)
- Screw door clamps
- Mounting flange on top and bottom
- Weld nuts for mounting panels
- Grounding stud on door

PART NUMBERS ON PAGE 68



CSA - UL/cUL Listed, IEC 60529, IP66

Finish

All enclosures can be formed out of Stainless Steel, Aluminum, or Carbon Steel

- 16 gauge, 304 or 316 Stainless Steel or Carbon Steel
- 0.080" 5052 Aluminum
- Brushed & blended finish for stainless steel and aluminum enclosures
- ANSI 61 gray powder coating inside and out for carbon steel enclosures

Popular Add-Ons



Sub Panels



Swing Out Panels



Window Kits

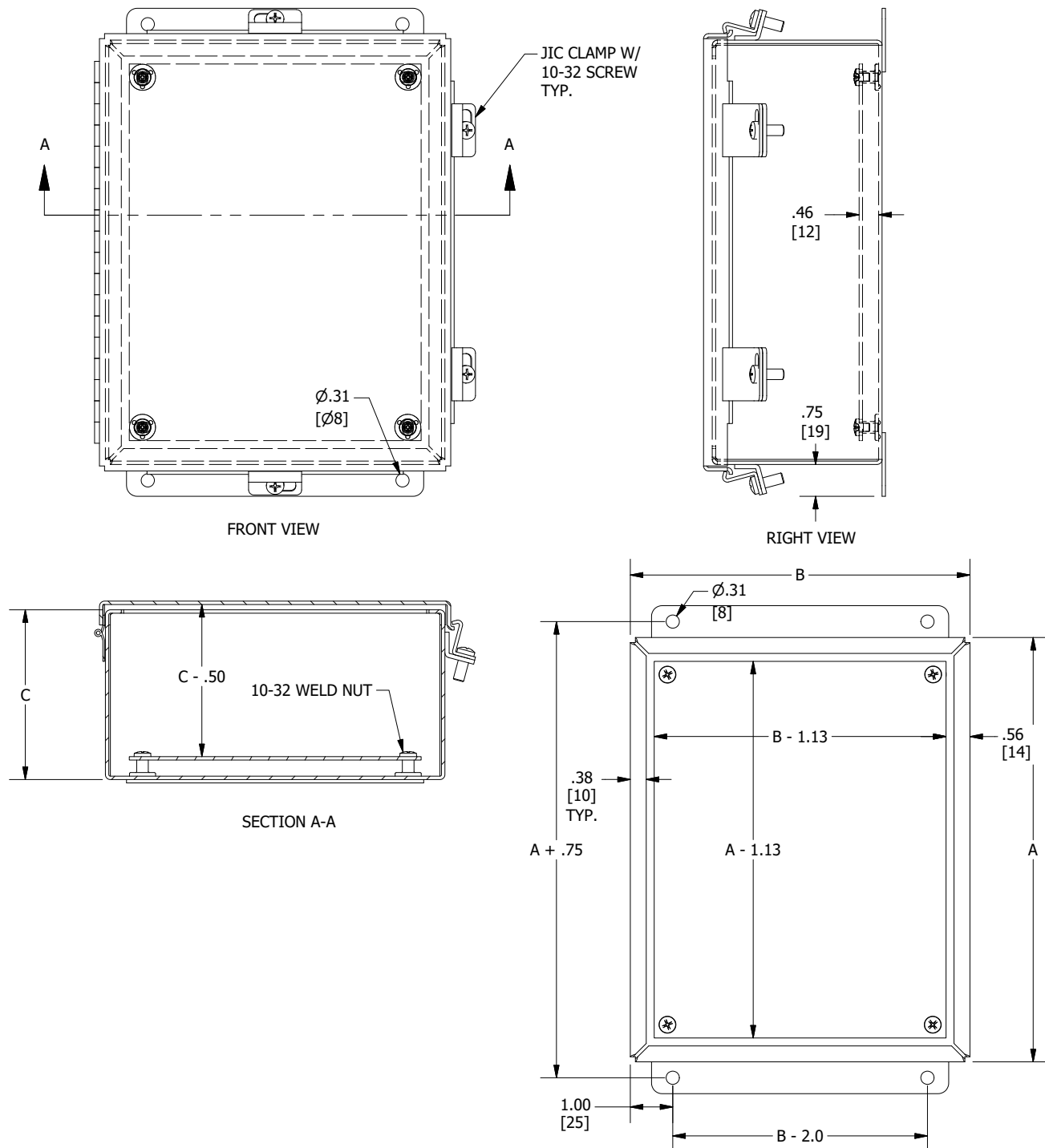


Alternative
Clamps



Knockouts/Cutouts

Continuous Hinge Clamp Cover Type 4/4X



For more information and detailed drawing files, visit www.emfcompany.com

Continuous Hinge Clamp Cover Type 12



Standard Specifications

- Seams continuously welded and ground smooth
- Oil resistant gasket
- Continuous hinge with stainless steel pin (Stainless Steel hinge on SS models)
- Screw door clamps
- Mounting flange on top and bottom
- Weld nuts for mounting panels
- Grounding stud on door

PART NUMBERS ON PAGE 68



CSA - UL/cUL Listed, IEC 60529, IP52

Finish

All enclosures can be formed out of Stainless Steel, Aluminum, or Carbon Steel

- 16 gauge, 304 or 316 Stainless Steel or Carbon Steel
- 0.080" 5052 Aluminum
- Brushed & blended finish for stainless steel and aluminum enclosures
- ANSI 61 gray powder coating inside and out for carbon steel enclosures

Popular Add-Ons



Sub Panels



Swing Out Panels



Window Kits

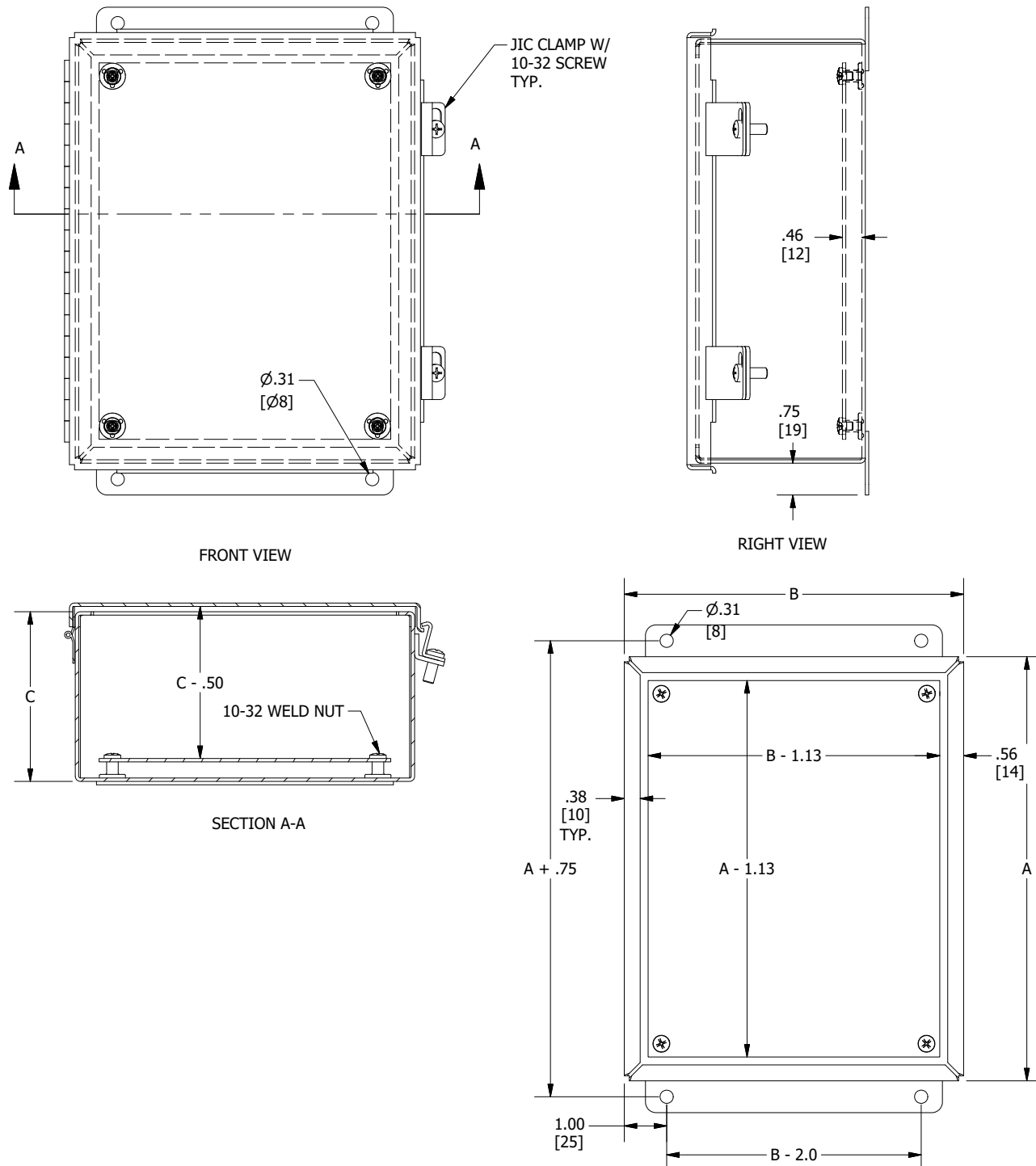


Alternative
Clamps



Knockouts/Cutouts

Continuous Hinge Clamp Cover Type 12



For more information and detailed drawing files, visit www.emfcompany.com

Lift Off Hinge Type 12



Standard Specifications

- Seams continuously welded and ground smooth
- Oil resistant gasket
- Lift-Off hinges
- Screw door clamps
- Cover held on with jack chain
- Mounting flange on top and bottom
- Weld nuts for mounting panels
- Grounding stud on door

PART NUMBERS ON PAGE 67



CSA - UL/cUL Listed, IEC 60529, IP52

Finish

All enclosures can be formed out of Stainless Steel, Aluminum, or Carbon Steel

- 16 gauge, 304 or 316 Stainless Steel or Carbon Steel
- 0.080" 5052 Aluminum
- Brushed & blended finish for stainless steel and aluminum enclosures
- ANSI 61 gray powder coating inside and out for carbon steel enclosures

Popular Add-Ons



Sub Panels



Swing Out Panels



Window Kits

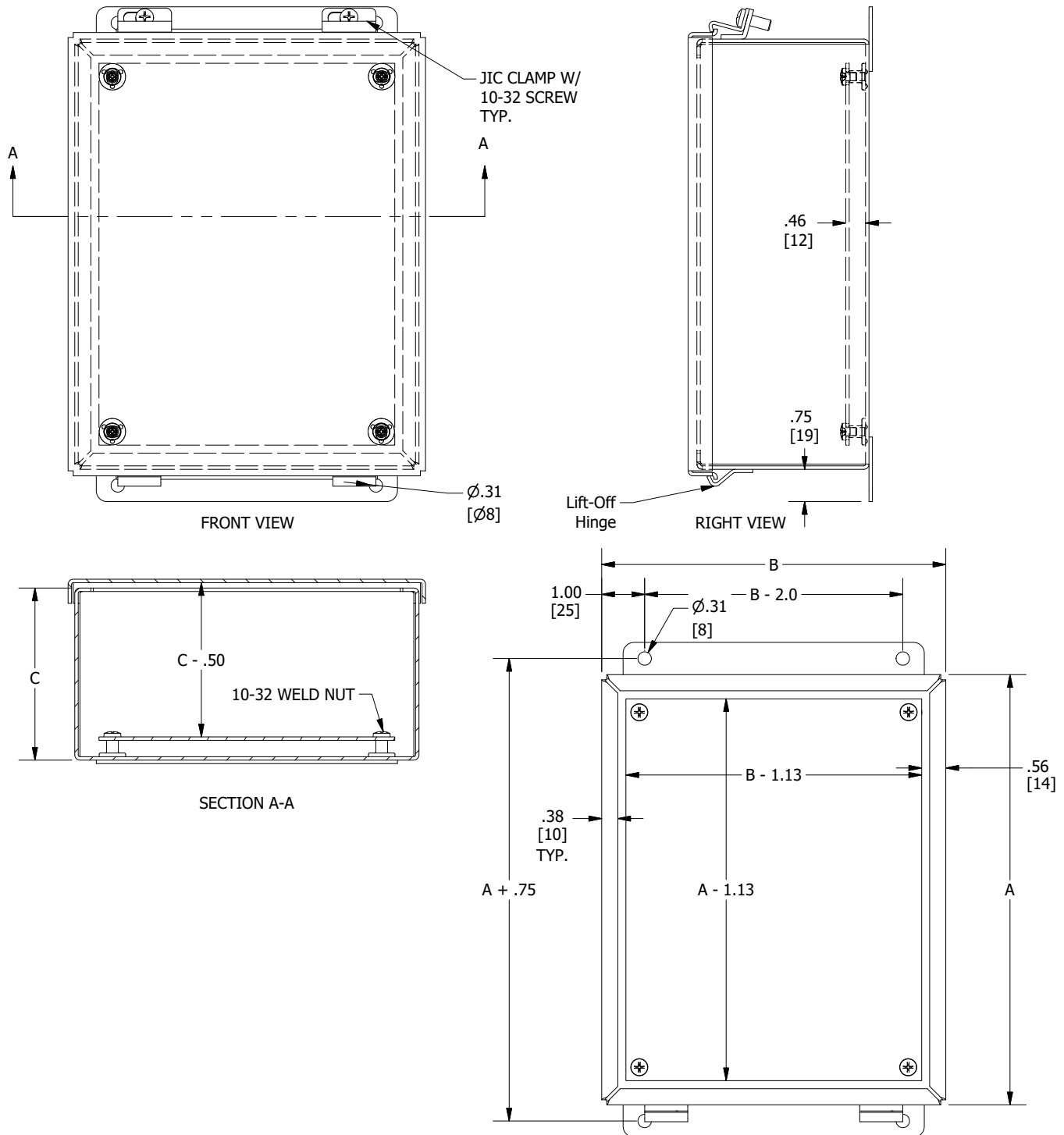


Alternative
Clamps



Knockouts/Cutouts

Lift Off Hinge Type 12



For more information and detailed drawing files, visit www.emfcompany.com

Extra Large Continuous Hinge Type 12



PART NUMBERS ON PAGE 69



CSA - UL/cUL Listed, IEC 60529, IP52

Standard Specifications

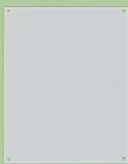
- Seams continuously welded and ground smooth
- Oil resistant gasket
- Continuous hinge with stainless steel pin (Stainless Steel Hinge on SS Models)
- Door clamps
- Mounting tabs on top and bottom
- 3/8-16 Collar studs for mounting panels
- Grounding stud on door
- Stiffener or thicker gauge material may apply to larger enclosures

Finish

All enclosures can be formed out of Stainless Steel, Aluminum, or Carbon Steel

- 16 gauge, 304 or 316 Stainless Steel or Carbon Steel
- 0.080" 5052 Aluminum
- Brushed & blended finish for stainless steel and aluminum enclosures
- ANSI 61 gray powder coating inside and out for carbon steel enclosures

Popular Add-Ons



Sub Panels



Swing Out Panels



Window Kits

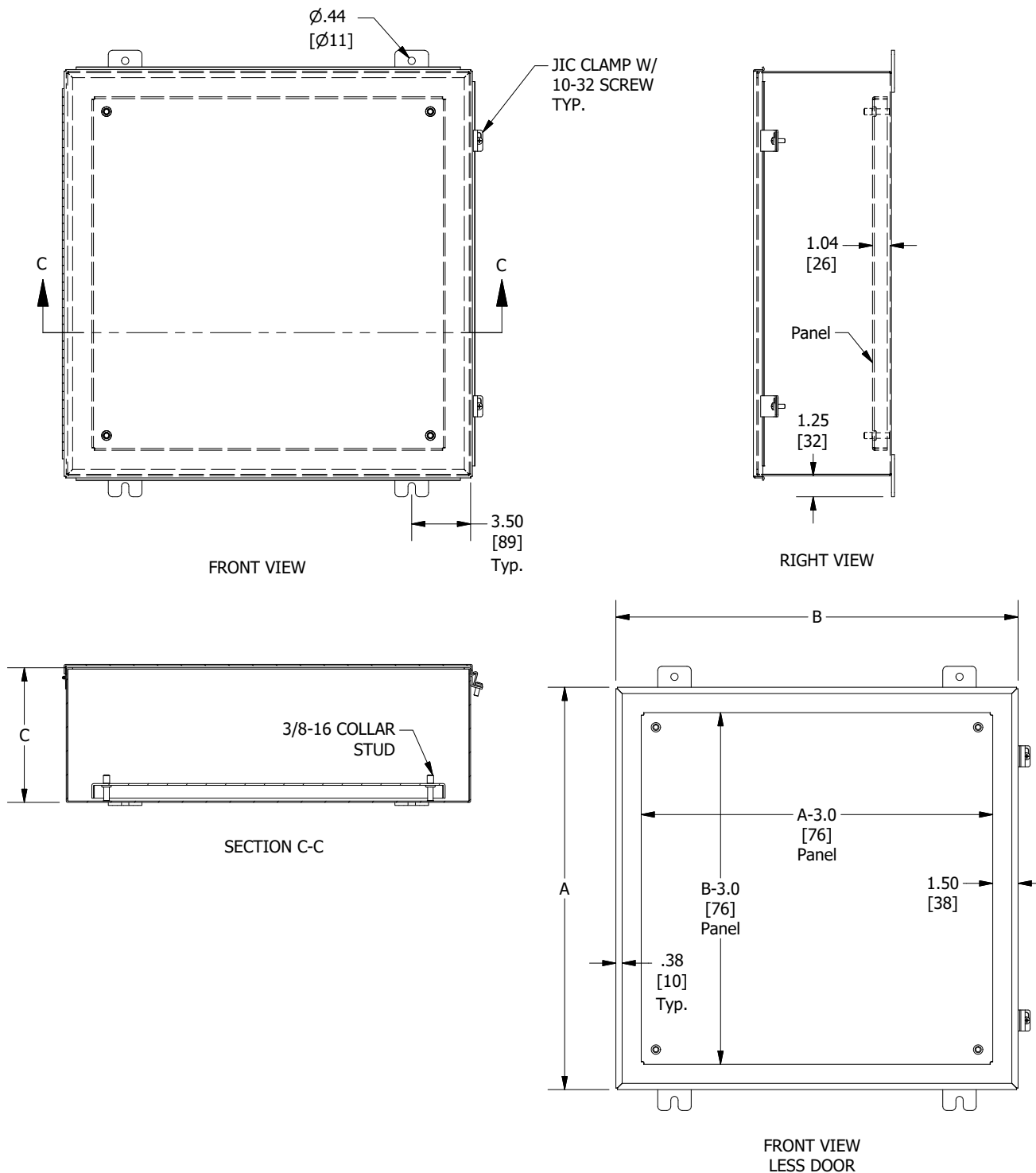


Alternative
Clamps



Knockouts/Cutouts

Extra Large Continuous Hinge Type 12



For more information and detailed drawing files, visit www.emfcompany.com

Popular Standard Enclosures

Additional & Custom sizing available
contact factory for details

Screw Cover Type 12

Stainless Steel 304 Part #	Stainless Steel 316 Part #	Carbon Steel Part #	Aluminum Part #	Dimensions (in)	Dimensions (mm)
B040403-4XS-WF	B040403-6XS-WF	B040403-CXS-WF	B040403-AXS-WF	4 x 4 x 3	101 x 101 x 76
B040404-4XS-WF	B040404-6XS-WF	B040404-CXS-WF	B040404-AXS-WF	4 x 4 x 4	101 x 101 x 101
B060403-4XS-WF	B060403-6XS-WF	B060403-CXS-WF	B060403-AXS-WF	6 x 4 x 3	152 x 101 x 76
B060404-4XS-WF	B060404-6XS-WF	B060404-CXS-WF	B060404-AXS-WF	6 x 4 x 4	152 x 101 x 101
B060604-4XS-WF	B060604-6XS-WF	B060604-CXS-WF	B060604-AXS-WF	6 x 6 x 4	152 x 152 x 101
B080606-4XS-WF	B080606-6XS-WF	B080606-CXS-WF	B080606-AXS-WF	8 x 6 x 6	203 x 152 x 152
B080804-4XS-WF	B080804-6XS-WF	B080804-CXS-WF	B080804-AXS-WF	8 x 8 x 4	203 x 203 x 101
B100804-4XS-WF	B100804-6XS-WF	B100804-CXS-WF	B100804-AXS-WF	10 x 8 x 4	254 x 203 x 101
B100806-4XS-WF	B100806-6XS-WF	B100806-CXS-WF	B100806-AXS-WF	10 x 8 x 6	254 x 203 x 152
B101004-4XS-WF	B101004-6XS-WF	B101004-CXS-WF	B101004-AXS-WF	10 x 10 x 4	254 x 254 x 101
B101006-4XS-WF	B101006-6XS-WF	B101006-CXS-WF	B101006-AXS-WF	10 x 10 x 6	254 x 254 x 152
B121005-4XS-WF	B121005-6XS-WF	B121005-CXS-WF	B121005-AXS-WF	12 x 10 x 5	304 x 254 x 127
B121206-4XS-WF	B121206-6XS-WF	B121206-CXS-WF	B121206-AXS-WF	12 x 12 x 6	304 x 304 x 152
B141206-4XS-WF	B141206-6XS-WF	B141206-CXS-WF	B141206-AXS-WF	14 x 12 x 6	355 x 304 x 152
B161406-4XS-WF	B161406-6XS-WF	B161406-CXS-WF	B161406-AXS-WF	16 x 14 x 6	406 x 355 x 152

Lift Off Hinge Type 12

Stainless Steel 304 Part #	Stainless Steel 316 Part #	Carbon Steel Part #	Aluminum Part #	Dimensions (in)	Dimensions (mm)
B040403-4LJ-WF	B040403-6LJ-WF	B040403-CLJ-WF	B040403-ALJ-WF	4 x 4 x 3	101 x 101 x 76
B040404-4LJ-WF	B040404-6LJ-WF	B040404-CLJ-WF	B040404-ALJ-WF	4 x 4 x 4	101 x 101 x 101
B060403-4LJ-WF	B060403-6LJ-WF	B060403-CLJ-WF	B060403-ALJ-WF	6 x 4 x 3	152 x 101 x 76
B060404-4LJ-WF	B060404-6LJ-WF	B060404-CLJ-WF	B060404-ALJ-WF	6 x 4 x 4	152 x 101 x 101
B060604-4LJ-WF	B060604-6LJ-WF	B060604-CLJ-WF	B060604-ALJ-WF	6 x 6 x 4	152 x 152 x 101
B080403-4LJ-WF	B080403-6LJ-WF	B080403-CLJ-WF	B080403-ALJ-WF	8 x 4 x 4	203 x 101 x 88
B100804-4LJ-WF	B100804-6LJ-WF	B100804-CLJ-WF	B100804-ALJ-WF	10 x 8 x 4	254 x 203 x 101
B121005-4LJ-WF	B121005-6LJ-WF	B121005-CLJ-WF	B121005-ALJ-WF	12 x 10 x 5	304 x 254 x 127
B141206-4LJ-WF	B141206-6LJ-WF	B141206-CLJ-WF	B141206-ALJ-WF	14 x 12 x 6	355 x 304 x 152
B161406-4LJ-WF	B161406-6LJ-WF	B161406-CLJ-WF	B161406-ALJ-WF	16 x 14 x 6	406 x 355 x 152

Popular Standard Enclosures

Additional & Custom sizing available
contact factory for details

Clamp Cover Type 4

Stainless Steel 304 Part #	Stainless Steel 316 Part #	Carbon Steel Part #	Aluminum Part #	Dimensions (in)	Dimensions (mm)
B040403-4XJ-WF	B040403-6XJ-WF	B040403-CXJ-WF	B040403-AXJ-WF	4 x 4 x 3	101 x 101 x 76
B060403-4XJ-WF	B060403-6XJ-WF	B060403-CXJ-WF	B060403-AXJ-WF	6 x 4 x 3	152 x 101 x 76
B060604-4XJ-WF	B060604-6XJ-WF	B060604-CXJ-WF	B060604-AXJ-WF	6 x 6 x 4	152 x 152 x 101
B080603-4XJ-WF	B080603-6XJ-WF	B080603-CXJ-WF	B080603-AXJ-WF	8 x 6 x 3	203 x 152 x 88
B100804-4XJ-WF	B100804-6XJ-WF	B100804-CXJ-WF	B100804-AXJ-WF	10 x 8 x 4	254 x 203 x 101
B121005-4XJ-WF	B121005-6XJ-WF	B121005-CXJ-WF	B121005-AXJ-WF	12 x 10 x 5	304 x 254 x 127
B141206-4XJ-WF	B141206-6XJ-WF	B141206-CXJ-WF	B141206-AXJ-WF	14 x 12 x 6	355 x 304 x 152
B161406-4XJ-WF	B161406-6XJ-WF	B161406-CXJ-WF	B161406-AXJ-WF	16 x 14 x 6	406 x 355 x 152

Continuous Hinge Type 4/4X

Stainless Steel 304 Part #	Stainless Steel 316 Part #	Carbon Steel Part #	Aluminum Part #	Dimensions (in)	Dimensions (mm)
B040403-4HJ-WF	B040403-6HJ-WF	B040403-CHJ-WF	B040403-AHJ-WF	4 x 4 x 3	101 x 101 x 76
B060604-4HJ-WF	B060604-6HJ-WF	B060604-CHJ-WF	B060604-AHJ-WF	6 x 6 x 4	152 x 152 x 101
B080604-4HJ-WF	B080604-6HJ-WF	B080604-CHJ-WF	B080604-AHJ-WF	8 x 6 x 4	203 x 152 x 101
B100804-4HJ-WF	B100804-6HJ-WF	B100804-CHJ-WF	B100804-AHJ-WF	10 x 8 x 4	254 x 203 x 101
B121006-4HJ-WF	B121006-6HJ-WF	B121006-CHJ-WF	B121006-AHJ-WF	12 x 10 x 6	304 x 254 x 152
B121206-4HJ-WF	B121206-6HJ-WF	B121206-CHJ-WF	B121206-AHJ-WF	12 x 12 x 6	304 x 304 x 152
B141206-4HJ-WF	B141206-6HJ-WF	B141206-CHJ-WF	B141206-AHJ-WF	14 x 12 x 6	355 x 304 x 152
B161406-4HJ-WF	B161406-6HJ-WF	B161406-CHJ-WF	B161406-AHJ-WF	16 x 14 x 6	406 x 355 x 152

Continuous Hinge Type 12

Stainless Steel 304 Part #	Stainless Steel 316 Part #	Carbon Steel Part #	Aluminum Part #	Dimensions (in)	Dimensions (mm)
B040403-4HJ-WF	B040403-6HJ-WF	B040403-CHJ-WF	B040403-AHJ-WF	4 x 4 x 3	101 x 101 x 76
B040404-4HJ-WF	B040404-6HJ-WF	B040404-CHJ-WF	B040404-AHJ-WF	4 x 4 x 4	101 x 101 x 101
B060403-4HJ-WF	B060403-6HJ-WF	B060403-CHJ-WF	B060403-AHJ-WF	6 x 4 x 3	152 x 101 x 76
B060604-4HJ-WF	B060604-6HJ-WF	B060604-CHJ-WF	B060604-AHJ-WF	6 x 6 x 4	152 x 152 x 101
B080604-4HJ-WF	B080604-6HJ-WF	B080604-CHJ-WF	B080604-AHJ-WF	8 x 6 x 4	152 x 152 x 101
B100804-4HJ-WF	B100804-6HJ-WF	B100804-CHJ-WF	B100804-AHJ-WF	10 x 8 x 4	254 x 203 x 101
B121006-4HJ-WF	B121006-6HJ-WF	B121006-CHJ-WF	B121006-AHJ-WF	12 x 10 x 6	304 x 254 x 152
B141206-4HJ-WF	B141206-6HJ-WF	B141206-CHJ-WF	B141206-AHJ-WF	14 x 12 x 6	355 x 304 x 152
B161406-4HJ-WF	B161406-6HJ-WF	B161406-CHJ-WF	B161406-AHJ-WF	16 x 14 x 6	406 x 355 x 152
B161408-4HJ-WF	B161408-6HJ-WF	B161408-CHJ-WF	B161408-AHJ-WF	16 x 14 x 8	406 x 355 x 203

Popular Standard Enclosures

Additional & Custom sizing available
contact factory for details

Extra Large Continuous Hinge Type 12

Stainless Steel 304 Part #	Stainless Steel 316 Part #	Carbon Steel Part #	Aluminum Part #	Dimensions (in)	Dimensions (mm)
B201607-4HJ-WT	B201607-6HJ-WT	B201607-CHJ-WT	B201607-AHJ-WT	20 x 16 x 7	508 x 406 x 177
B202007-4HJ-WT	B202007-6HJ-WT	B202007-CHJ-WT	B202007-AHJ-WT	20 x 20 x 7	508 x 508 x 177
B242007-4HJ-WT	B242007-6HJ-WT	B242007-CHJ-WT	B242007-AHJ-WT	24 x 20 x 7	609 x 508 x 177
B242407-4HJ-WT	B242407-6HJ-WT	B242407-CHJ-WT	B242407-AHJ-WT	24 x 24 x 7	609 x 609 x 177
B302007-4HJ-WT	B302007-6HJ-WT	B302007-CHJ-WT	B302007-AHJ-WT	30 x 20 x 7	762 x 508 x 177
B302407-4HJ-WT	B302407-6HJ-WT	B302407-CHJ-WT	B302407-AHJ-WT	30 x 24 x 7	762 x 609 x 177
B362407-4HJ-WT	B362407-6HJ-WT	B362407-CHJ-WT	B362407-AHJ-WT	36 x 24 x 7	914 x 609 x 177
B201609-4HJ-WT	B201609-6HJ-WT	B201609-CHJ-WT	B201609-AHJ-WT	20 x 16 x 9	508 x 406 x 228
B202009-4HJ-WT	B202009-6HJ-WT	B202009-CHJ-WT	B202009-AHJ-WT	20 x 20 x 9	508 x 508 x 228
B242009-4HJ-WT	B242009-6HJ-WT	B242009-CHJ-WT	B242009-AHJ-WT	24 x 20 x 9	609 x 508 x 228
B242409-4HJ-WT	B242409-6HJ-WT	B242409-CHJ-WT	B242409-AHJ-WT	24 x 24 x 9	609 x 609 x 228
B302009-4HJ-WT	B302009-6HJ-WT	B302009-CHJ-WT	B302009-AHJ-WT	30 x 20 x 9	762 x 508 x 228
B302409-4HJ-WT	B302409-6HJ-WT	B302409-CHJ-WT	B302409-AHJ-WT	30 x 24 x 9	762 x 609 x 228
B362409-4HJ-WT	B362409-6HJ-WT	B362409-CHJ-WT	B362409-AHJ-WT	36 x 24 x 9	914 x 609 x 228
B363009-4HJ-WT	B363009-6HJ-WT	B363009-CHJ-WT	B363009-AHJ-WT	36 x 30 x 9	914 x 762 x 228
B423009-4HJ-WT	B423009-6HJ-WT	B423009-CHJ-WT	B423009-AHJ-WT	42 x 30 x 9	1066 x 762 x 228
B423609-4HJ-WT	B423609-6HJ-WT	B423609-CHJ-WT	B423609-AHJ-WT	42 x 36 x 9	1066 x 914 x 228
B242411-4HJ-WT	B242411-6HJ-WT	B242411-CHJ-WT	B242411-AHJ-WT	24 x 24 x 11	609 x 609 x 279
B362411-4HJ-WT	B362411-6HJ-WT	B362411-CHJ-WT	B362411-AHJ-WT	36 x 24 x 11	914 x 609 x 279
B483611-4HJ-WT	B483611-6HJ-WT	B483611-CHJ-WT	B483611-AHJ-WT	48 x 36 x 11	1219 x 914 x 279
B302413-4HJ-WT	B302413-6HJ-WT	B302413-CHJ-WT	B302413-AHJ-WT	30 x 24 x 13	762 x 609 x 330
B363013-4HJ-WT	B363013-6HJ-WT	B363013-CHJ-WT	B363013-AHJ-WT	36 x 30 x 13	914 x 762 x 330



CONSOLE ENCLOSURES

Console enclosures lift controls to a comfortable eye level for viewing and programming. Optional tops and desks can be added for instrument spacing.

POPULAR APPLICATIONS

- Conveyor Systems
- Weapon / Supply Systems for military use
- Crane Control Systems
- Water Treatment
- System Integrators



EC Modular Console Type 4/12



PART NUMBERS ON PAGE 81



CSA - UL/cUL Listed, IEC 60529, IP66/52

Standard Specifications

- 14 gauge steel, 304 or 316 stainless steel, or 0.08 5052 aluminum
- Seams continuously welded and ground smooth
- Oil resistant gasketed doors
- Continuous hinge with stainless steel pin (Stainless Steel Hinge on SS models)
- Three-point keyed locking latches on lower doors
- Captivated screws hold control panel secure in closed position
- Cable stop holds control panel door open at 90 degrees
- Unistrut rails for mounting panels or rack angles
- Grounding studs on lower door
- Desks and tops can be ordered separately or assembled as complete unit
- One and two door configurations available

Finish

All enclosures can be formed out of Stainless Steel, Aluminum, or Carbon Steel

- Brushed & blended finish for stainless steel and aluminum enclosures
- ANSI 61 gray powder coating inside and out for carbon steel enclosures
- Ask about custom powder coat color options!

Popular Add-Ons



Sub Panels



Alternative
Handles



Print Pockets



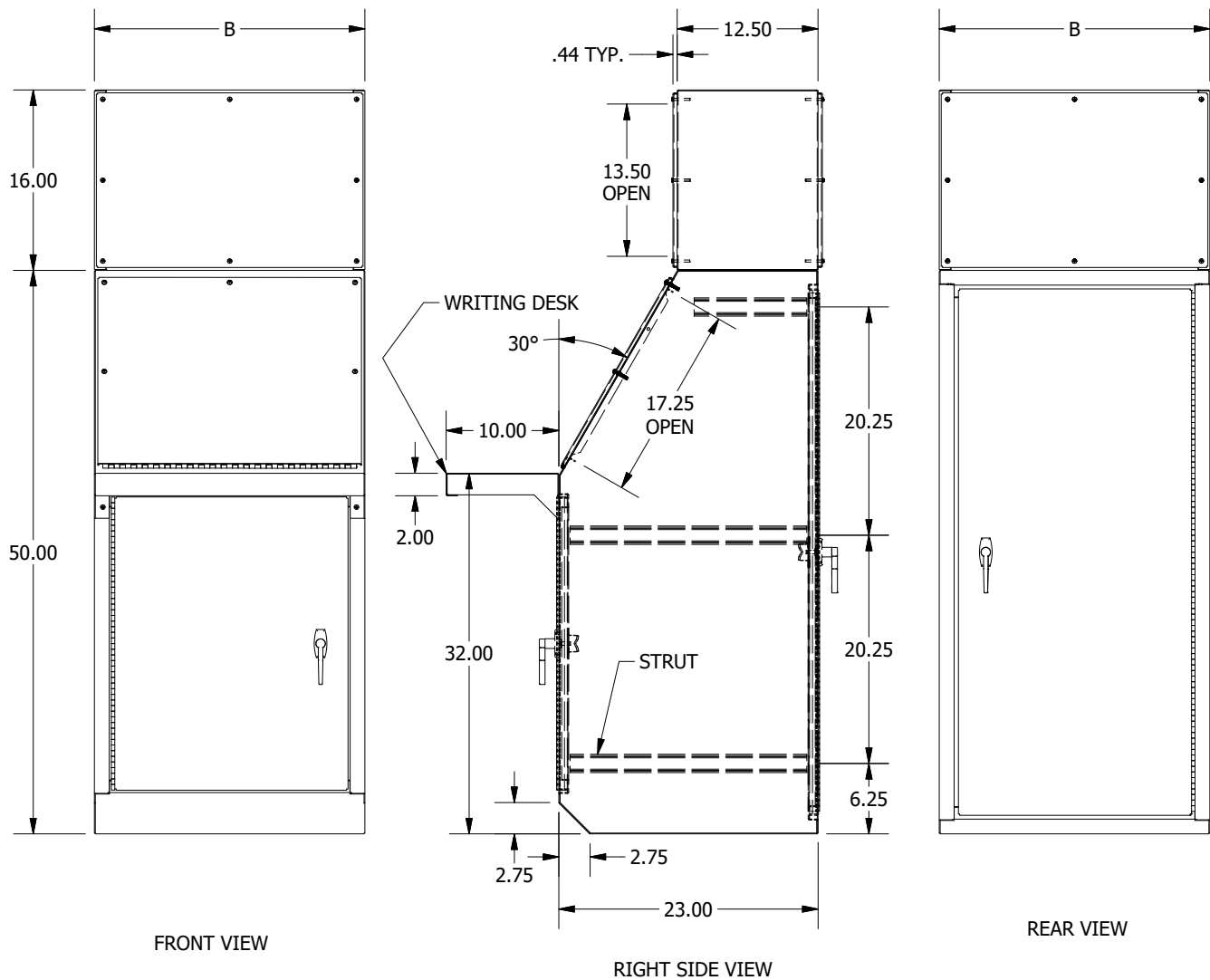
Louvers



Caster Kits

EC Modular Console

Type 4/12



SINGLE DOOR EC SERIES CONSOLE

For more information and detailed drawing files, visit www.emfcompany.com.

OTC Modular Console Type 4/12



PART NUMBERS ON PAGE 81



CSA - UL/cUL Listed, IEC 60529, IP66/52

Standard Specifications

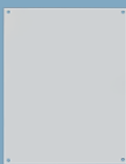
- 14 gauge steel, 304 or 316 stainless steel, or 0.08 5052 aluminum
- Seams continuously welded and ground smooth
- Oil resistant gasketed doors
- Continuous hinge with stainless steel sin (Stainless Steel Hinge on SS Models)
- Three-point keyed locking handle on lower doors
- Captivated screws hold control panel secure in closed position
- Cable stop holds control panel door open at 90°
- 3/8-16 Collar studs for mounting panels
- Grounding stud on lower door
- Desks and tops can be ordered separately or assembled as complete unit
- One and two door configurations available

Finish

All enclosures can be formed out of Stainless Steel, Aluminum, or Carbon Steel

- Brushed & blended finish for stainless steel and aluminum enclosures
- ANSI 61 gray powder coating inside and out for carbon steel enclosures
- Ask about custom powder coat color options!

Popular Add-Ons



Sub Panels



Alternative
Handles



Print Pockets

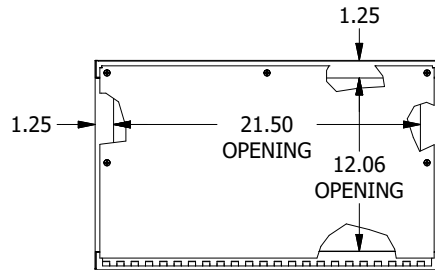


Louvers

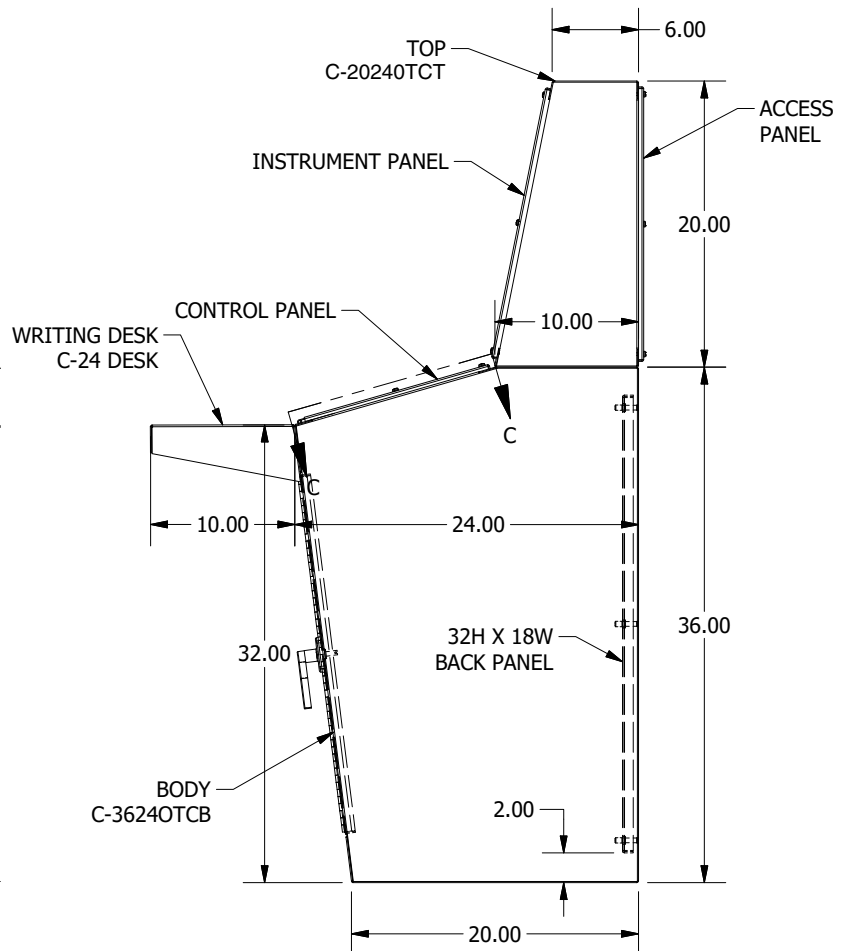
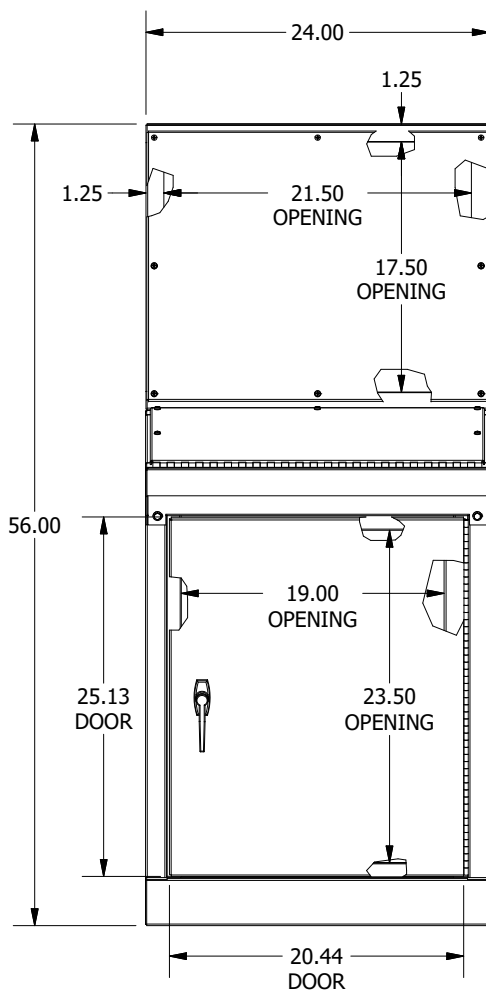


Caster Kits

OTC Modular Console Type 4/12



SECTION C-C
CONTROL PANEL VIEW



For more information and detailed drawing files, visit www.emfcompany.com

CAB Console Cabinet Type 4/12



PART NUMBERS ON PAGE 81



CSA - UL/cUL Listed, IEC 60529, IP66/52

Standard Specifications

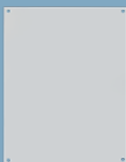
- 14 gauge steel, 304 or 316 stainless steel, or 0.08 5052 aluminum
- Seams continuously welded and ground smooth
- Oil resistant gasketed doors
- Continuous hinge with stainless steel pin (Stainless Steel Hinge on SS Models)
- Three point keyed locking handle on lower doors
- Captivated screws hold control panel secure in closed position
- Cable stop holds control panel door open at 90°
- 3/8-16 Collar studs for mounting panels
- Grounding stud on lower door
- One and two door configurations available

Finish

All enclosures can be formed out of Stainless Steel, Aluminum, or Carbon Steel

- Brushed & blended finish for stainless steel and aluminum enclosures
- ANSI 61 gray powder coating inside and out for carbon steel enclosures
- Ask about custom powder coat color options!

Popular Add-Ons



Sub Panels



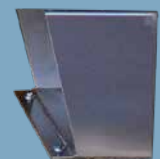
Alternative
Handles



Print Pockets

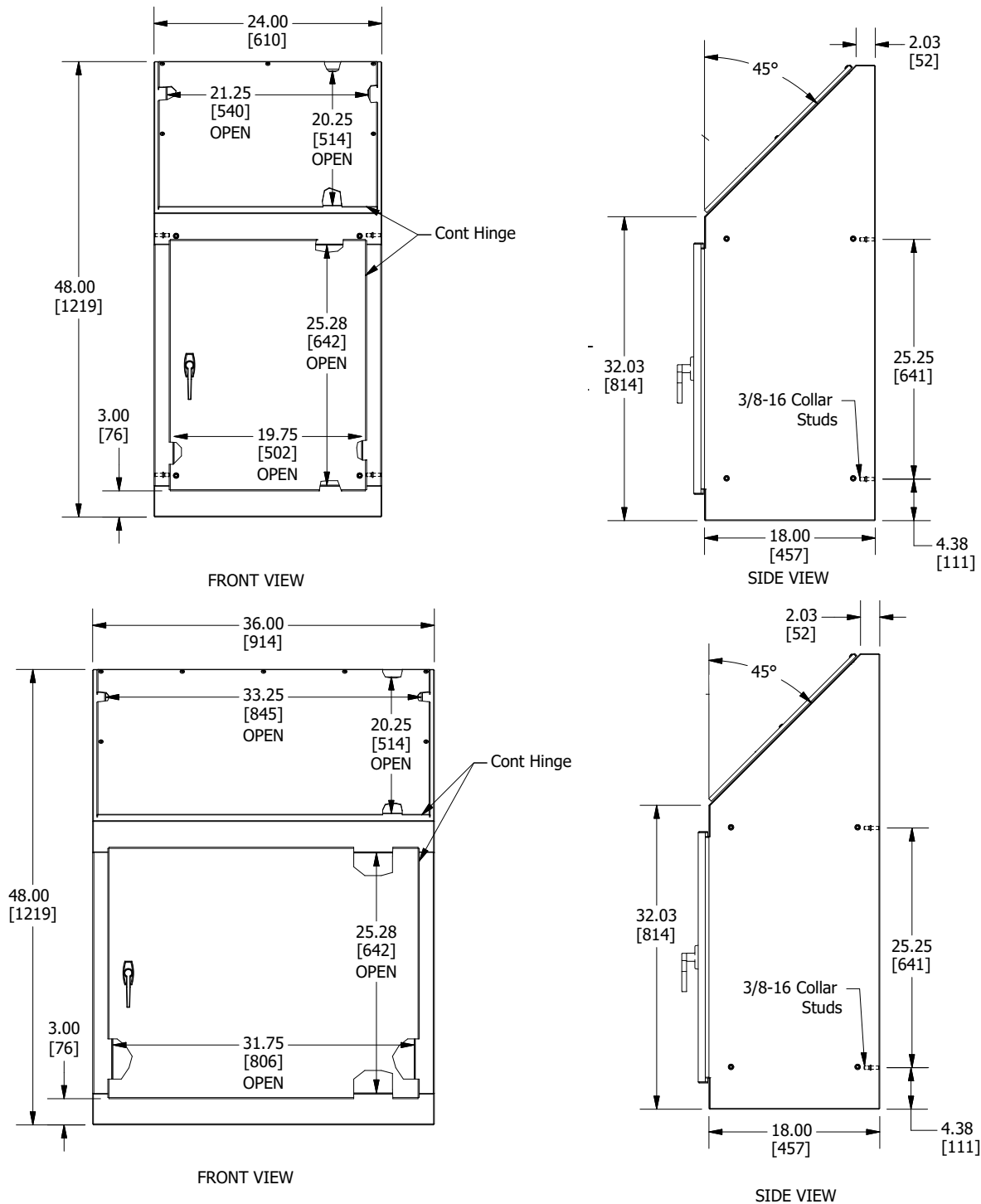


Louvers



Floor Stand Kit

CAB Console Cabinet Type 4/12



For more information and detailed drawing files, visit www.emfcompany.com

New Generation Console Type 12



Standard Specifications

- 14 gauge steel, 304 or 316 stainless steel
- Seams continuously welded and ground smooth
- Oil resistant gasketed doors
- Lift off hinges on lower doors
- Three-point keyed locking handle on lower doors
- Control panel surface is free of hardware for easy component installation
- Open bottom with sealing gland plates for easy floor mounting
- 3/8-16 Collar studs for mounting panels
- Grounding studs on lower door
- One and two door configurations available

PART NUMBERS ON PAGE 81



CSA - UL/cUL Listed, IEC 60529, IP52

Finish

*All enclosures can be formed out of
Stainless Steel, Aluminum, or Carbon Steel*

- Brushed & blended finish for stainless steel and aluminum enclosures
- ANSI 61 gray powder coating inside and out for carbon steel enclosures
- Ask about custom powder coat color options!

Popular Add-Ons



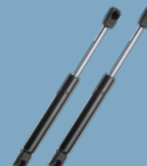
Sub Panels



Alternative
Handles



Print Pockets

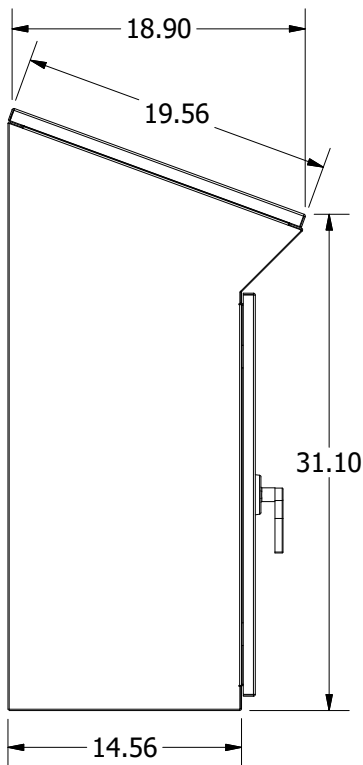


Door Stops &
Gas Shocks

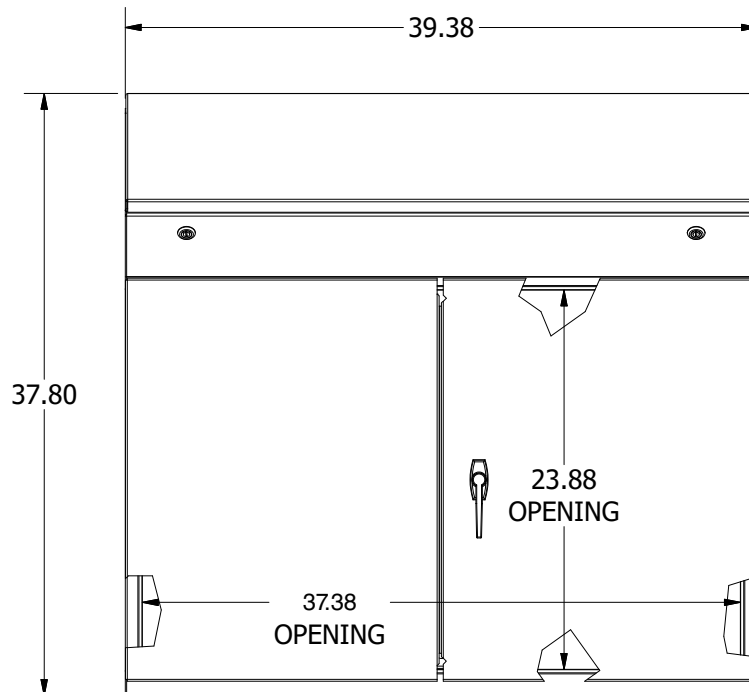


Plinths

New Generation Console Type 12



SIDE VIEW



FRONT VIEW

For more information and detailed drawing files, visit www.emfcompany.com

Consolet Type 12



Standard Specifications

- 14 gauge steel
- Seams continuously welded and ground smooth
- Oil resistant gasket
- Continuous hinge with stainless steel pin (Stainless Steel Hinges on SS Models)
- Captivated screws hold control panel door closed
- Can be mounted with slope top at 30° or 60°
- 3/8-16 Collar studs for mounting panels

PART NUMBERS ON PAGE 81



CSA - UL/cUL Listed, IEC 60529, IP52

Finish

All enclosures can be formed out of Stainless Steel, Aluminum, or Carbon Steel

- Brushed & blended finish for stainless steel and aluminum enclosures
- ANSI 61 gray powder coating inside and out for carbon steel enclosures
- Ask about custom powder coat color options!

Popular Add-Ons



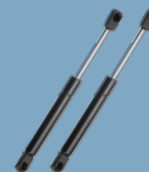
Sub Panels



Key Locking
Quarter Turn Latch



Knock Outs/
Cut Outs

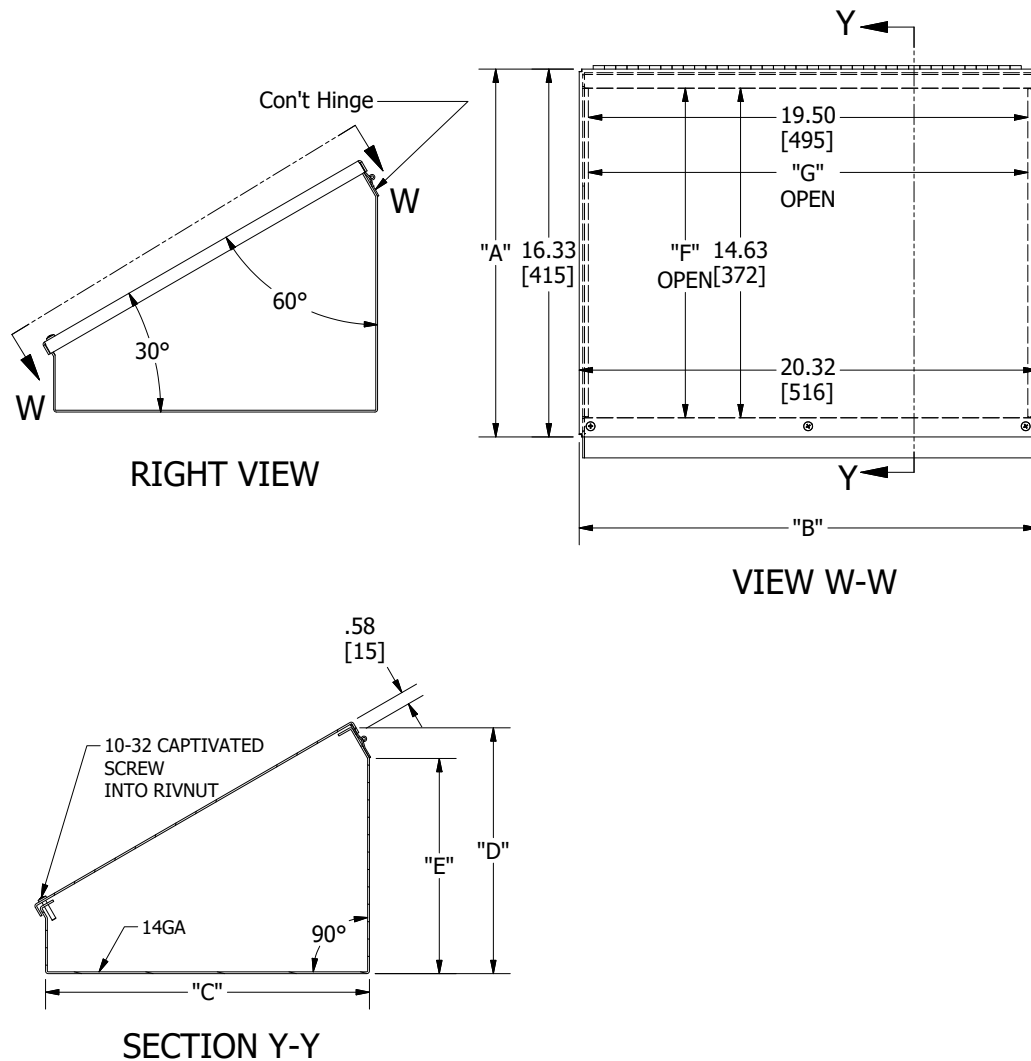


Door Stops &
Gas Shocks



Pedestals for
Floor Mounting

Consolet Type 12



For more information and detailed drawing files, visit www.emfcompany.com

Popular Standard Enclosures

EC Modular Console Type 4/12

Product Part #	Description
EC-XXXXBD	1 Door Console Body NEMA 12
EC-XXXXBD-2DR	2 Door Console Body NEMA 12
EC-XXXXN4BD	1 Door Console Body NEMA 4
EC-XXXXN42DBD	2 Door Console Body NEMA 4
EC-XXXXN4XSBD	1 Door Console Body NEMA 4X
EC-XXXXN4XS2DBD	2 Door Console Body NEMA 4X
EC-XXXXT	Console Top NEMA 12
EC-XXN4TOP	Console Top NEMA 4
EC-XXN4XSSTOP	Console Top NEMA 4X
EC-XXXXWN4DESK	EC Writing Desk NEMA 4

OTC Modular Console Type 4/12

Product Part #	Description
C-XXXXOTC	1 Door Console Body NEMA 12
C-XXXXOTC-2DR	2 Door Console Body NEMA 12
C-XXXXN4OTC	1 Door Console Body NEMA 4
C-XXXXXXN4OTC2D	2 Door Console Body NEMA 4
C-XXXXXXN4XSOTC	1 Door Console Body NEMA 4X
C-XXXXXXN4XS2OTC	2 Door Console Body NEMA 4X
C-XXXXOTCT	OTC Console Top NEMA 12
C-XXXXXXN4OTCT	OTC Console Top NEMA 4
C-XXN4OTCDESK	OTC Console Desk NEMA 4
C-XXXXXXN4XSOTCT	OTC Console Top NEMA 4X
C-XXN4XSOTCDESK	OTC Console Desk NEMA 4X

New Generation Type 12

Stainless Steel Part #	Carbon Steel Part #	Dimensions (in)	Dimensions (mm)	Shipping (lbs)
NGC-235	NGC-235	37 x 23 x 14	960 x 597 x 371	95
NGC-315	NGC-315	37 x 31 x 14	960 x 800 x 371	120
NGC-395	NGC-395	37 x 39 x 14	960 x 1000 x 371	145
NGC-475	NGC-475	37 x 47 x 14	960 x 1200 x 371	161

TIP: Modular consoles & consolets are built to your specifications. Part numbers on this page show the products and NEMA standards available. Dimensions are represented with "XX".

Additional options & custom sizing available contact factory for details.

CAB Console Cabinets Type 4/12

Product Part #	Description
C-XXXXCAB	1 Door Console NEMA 12
C-XXXXCAB-2DR	2 Door Console NEMA 12
C-XXXXN4CAB	1 Door Console NEMA 4
C-XXXXN4CAB2D	2 Door Console NEMA 4
C-XXXXN4XS2CAB	1 Door SS Console NEMA 4X
C-XXXXN4XS2CAB	2 Door SS Console NEMA 4X

Consolet Type 4/12

Product Part #	Description
C-XXXXOTC-SP	Custom Consolet NEMA 12
C-XXXXN4OTC-SP	Custom Consolet NEMA 4



DISCONNECT ENCLOSURES

EMF disconnect enclosures can be equipped with multiple major brand disconnect switches while maintaining required NEMA protection rating.

POPULAR APPLICATIONS

- Food Processing
- Pharmaceutical Manufacturing
- Material Unloader Systems



One Door Wall Mount Type 4/4X



CONTACT EMF FOR CUSTOM QUOTE



CSA - UL/cUL Listed, IEC 60529, IP66

Standard Specifications

- Seams continuously welded and ground smooth
- Hybrid sealing flange around all sides of door
- Oil resistant gasket
- Gasket retainer on steel enclosures
- Continuous hinge with stainless steel pin (Stainless Steel hinge on SS models)
- Stainless steel door clamps
- Mounting feet on top and bottom
- Collar studs for mounting panels
- Grounding stud on door
- Pivot posts and interlock bracket welded to door
- Precut holes for Disconnect Operating Mechanism

Finish

All enclosures can be formed out of Stainless Steel, Aluminum, or Carbon Steel

- 16 gauge, 304 or 316 Stainless Steel or Carbon Steel
- 0.080" 5052 Aluminum
- Brushed & blended finish for stainless steel and aluminum enclosures
- ANSI 61 gray powder coat outside, white powder coat inside for carbon steel enclosures

Popular Add-Ons



Sub Panels



Alternative
Clamps



Window Kits



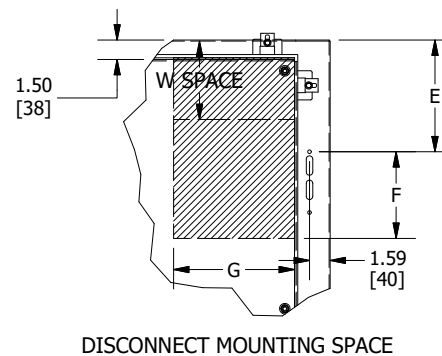
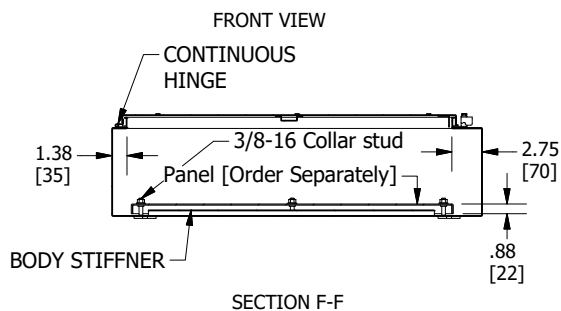
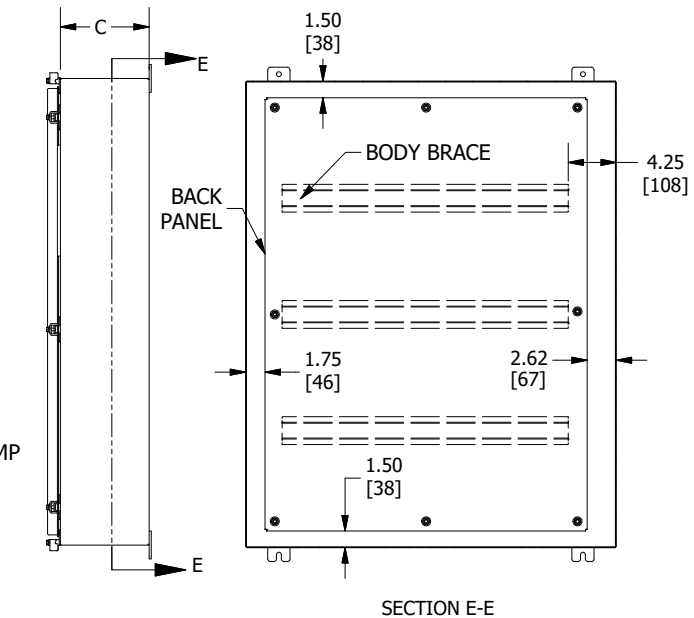
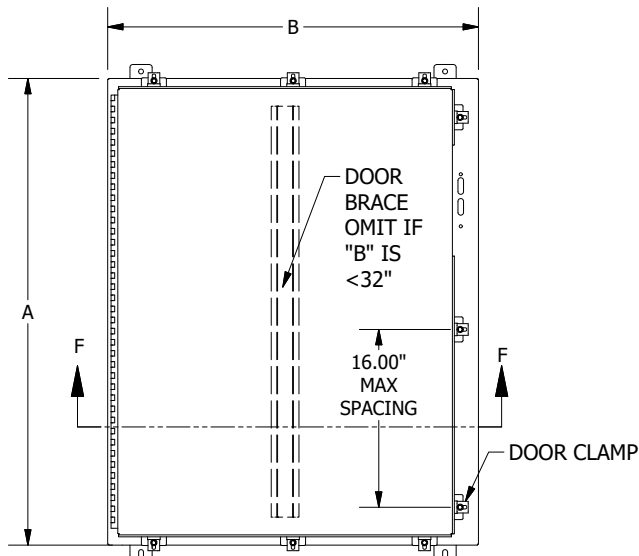
Louvers



Key Locking
Quarter Turn Latch

One Door Wall Mount

Type 4/4X



NOTE

1. "E" IS 8.62 [219] WHEN "C" IS 8.00 [203]
2. "E" IS 11.62 [219] WHEN "C" IS => 12.00 [203]
**3. VERIFY YOUR APPLICATION TO DETERMINE
IF WIRING SPACE IS ADEQUATE FOR "F", "G", "W"**

For more information and detailed drawing files, visit www.emfcompany.com.

One Door Wall Mount Type 12



Standard Specifications

- Seams continuously welded and ground smooth
- Hybrid sealing flange around all sides of door
- Oil resistant gasket
- Gasket retainer on steel enclosures
- Continuous hinge with stainless steel pin (Stainless Steel Hinge on SS models)
- Cut out for customer-supplied door latch
- Latch bar included
- Door handle included on “PL” models
- Mounting feet on top and bottom
- Collar studs for mounting panels
- Grounding stud on door
- Pivot posts and interlock bracket welded to door
- Precut holes for disconnect operating mechanism

CONTACT EMF FOR CUSTOM QUOTE



CSA - UL/cUL Listed, IEC 60529, IP52

Finish

All enclosures can be formed out of Stainless Steel, Aluminum, or Carbon Steel

- 16 gauge, 304 or 316 Stainless Steel or Carbon Steel
- 0.080" 5052 Aluminum
- Brushed & blended finish for stainless steel and aluminum enclosures
- ANSI 61 gray powder coat inside and out for carbon steel enclosures

Popular Add-Ons



Sub Panels



Alternative
Handles



Window Kits

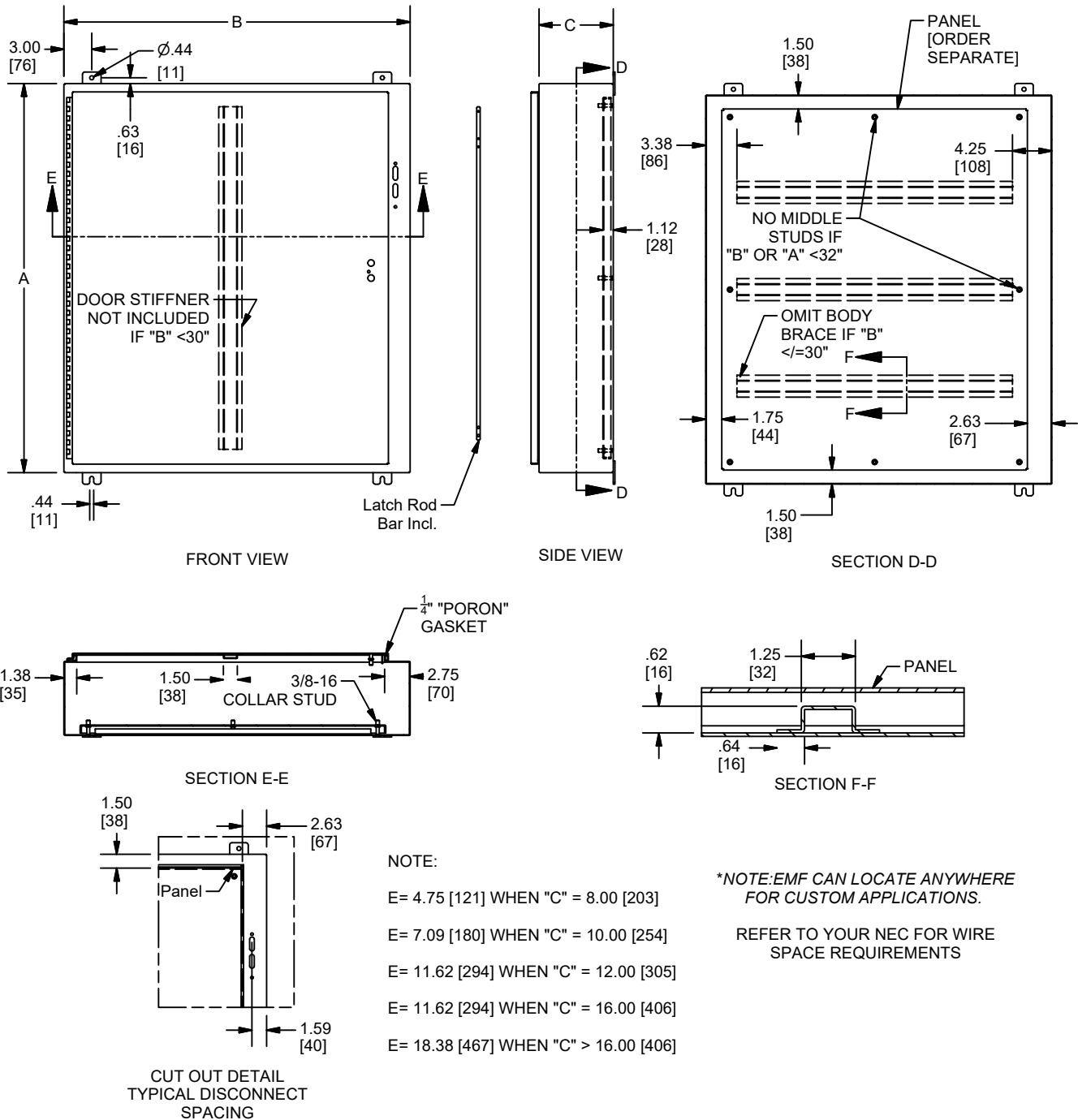


Louvers



Key Locking
Quarter Turn Latch

One Door Wall Mount Type 12



For more information and detailed drawing files, visit www.emfcompany.com

Two Door Floor Mount Type 4/4X



CONTACT EMF FOR CUSTOM QUOTE



CSA - UL/cUL Listed, IEC 60529, IP66

Standard Specifications

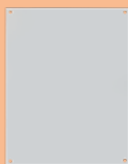
- Seams continuously welded and ground smooth
- Hybrid sealing flange around all sides of door
- Oil resistant gasket
- Gasket retainer on steel enclosures
- Continuous hinge with stainless steel pin (Stainless Steel Hinge on SS models)
- Heavy-duty three point locking handle
- Slotted quarter turn latches
- 15" legs with precut holes for floor mounting
- 3/8-16 Collar studs and panel supports for mounting panels
- Grounding stud on door
- 3/4" Heavy duty lifting eyes
- Stiffeners added for rigidity
- Removable center post
- Pivot posts and interlock bracket welded to door
- Precut holes for disconnect operating mechanism

Finish

All enclosures can be formed out of Stainless Steel, Aluminum, or Carbon Steel

- 12 gauge or 11 gauge
304 or 316 Stainless Steel or Carbon Steel
- 0.190" 5052 Aluminum
- Brushed & blended finish for stainless steel and aluminum enclosures
- ANSI 61 gray powder coat inside and out for carbon steel enclosures

Popular Add-Ons



Sub Panels



Alternative
Handles



Window Kits

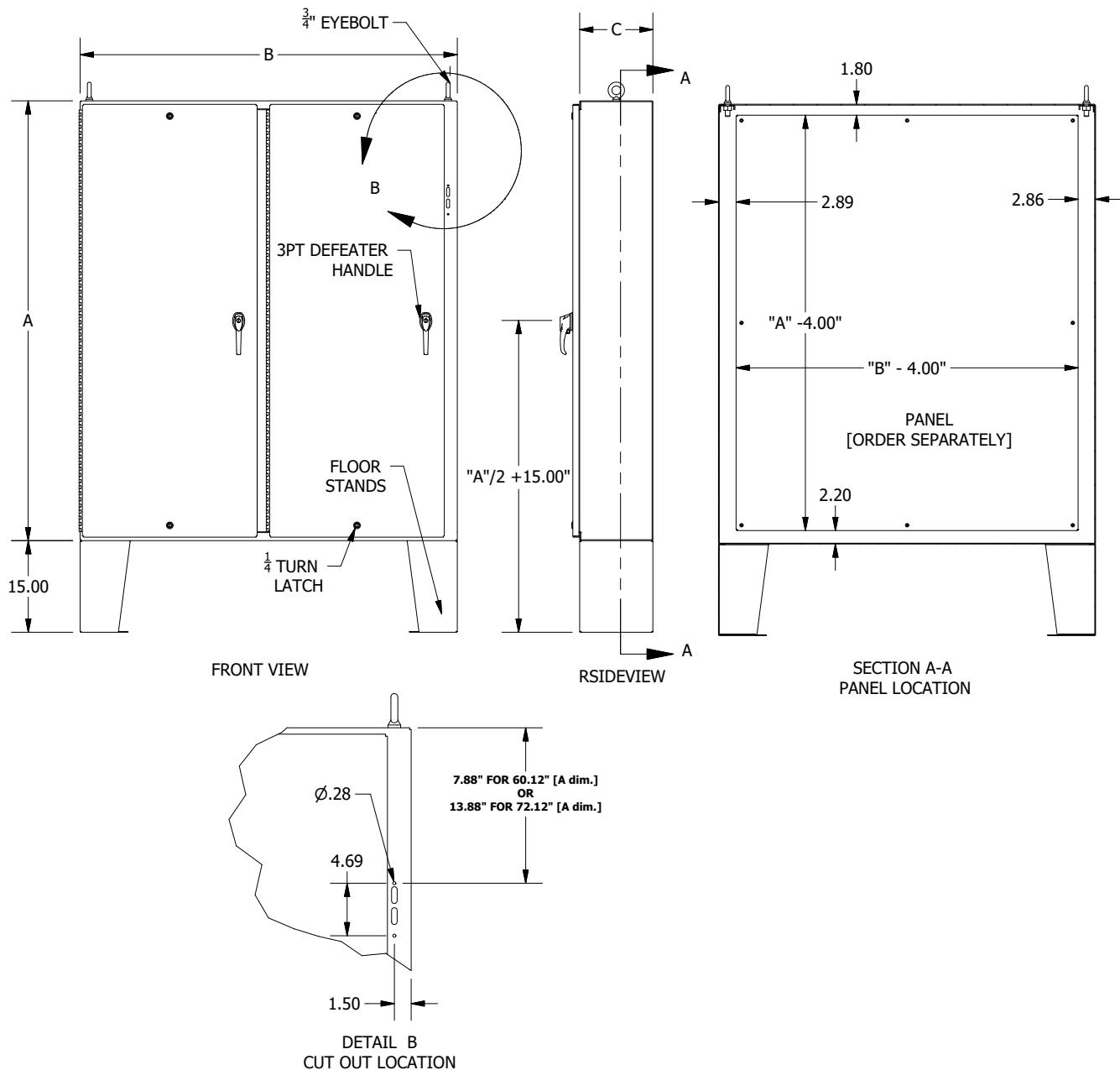


Louvers



Disconnect
Adapter Plates

Two Door Floor Mount Type 4/4X



For more information and detailed drawing files, visit www.emfcompany.com

Two Door Floor Mount Type 12



CONTACT EMF FOR CUSTOM QUOTE



CSA - UL/cUL Listed, IEC 60529, IP52

Standard Specifications

- Seams continuously welded and ground smooth
- Hybrid sealing flange around all sides of door
- Oil resistant gasket
- Gasket retainer on steel enclosures
- Continuous hinge with stainless steel pin (stainless steel hinge on SS models)
- Three-point latch handle
- 15" legs with precut holes for floor mounting
- 3/8-16 Collar studs and panel supports for mounting panels
- Grounding stud on door
- 3/4" Heavy duty lifting eyes
- Stiffeners added for rigidity
- Right flange or center post disconnect options
- Pivot posts and interlock bracket welded to door
- Precut holes for disconnect operating mechanism

Finish

*All enclosures can be formed out of
Stainless Steel, Aluminum, or Carbon Steel*

- 12 gauge or 11 gauge
304 or 316 Stainless Steel or Carbon Steel
- 0.190: 5052 Aluminum
- Brushed & blended finish for stainless steel and aluminum enclosures
- ANSI 61 gray powder coat inside and out for carbon steel enclosures

Popular Add-Ons



Sub Panels



Alternative
Handles



Window Kits

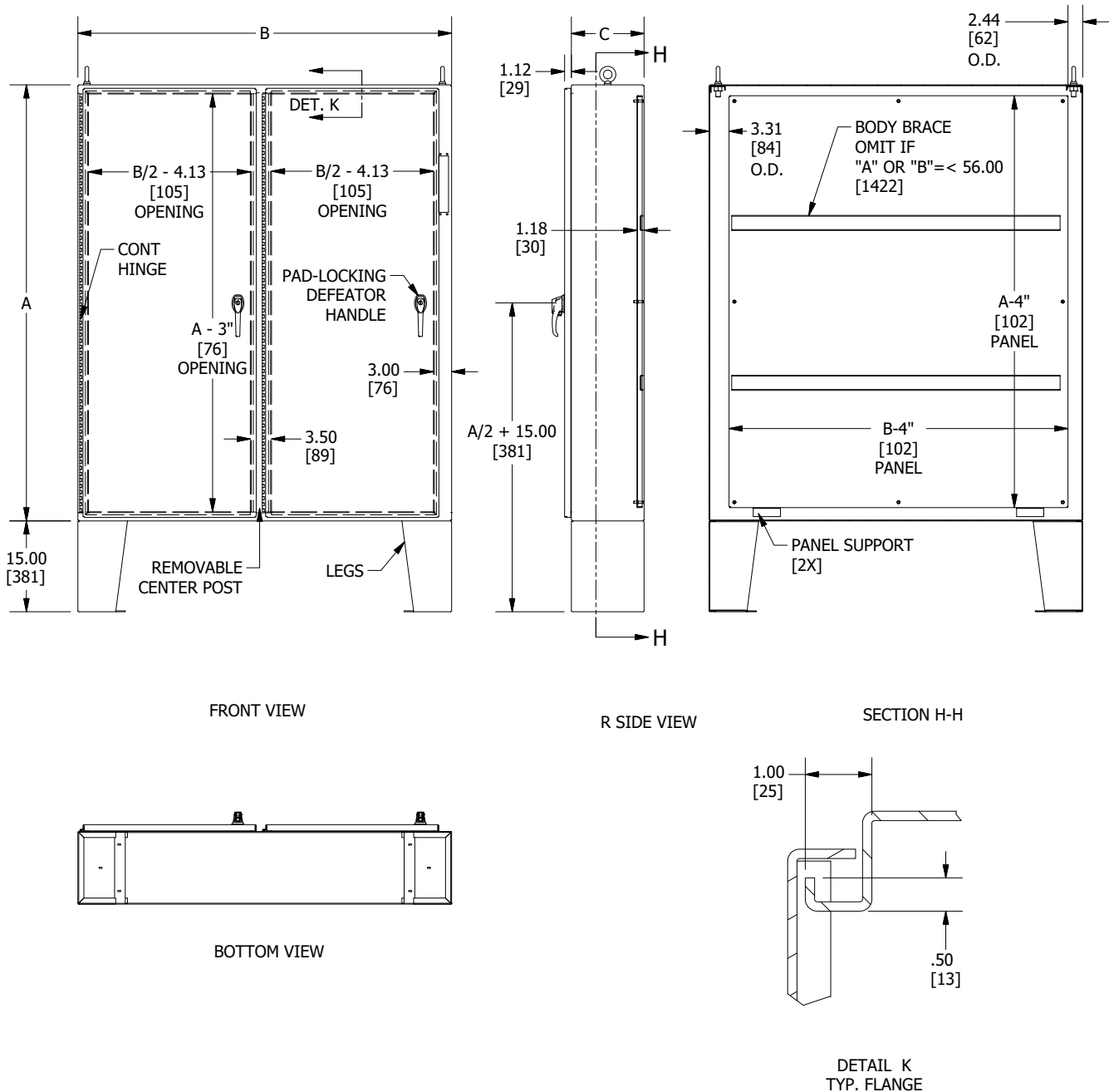


Louvers



Disconnect
Adapter Plates

Two Door Floor Mount Type 12



For more information and detailed drawing files, visit www.emfcompany.com

One Door Freestanding Type 12



CONTACT EMF FOR CUSTOM QUOTE



CSA - UL/cUL Listed, IEC 60529, IP52

Standard Specifications

- Seams continuously welded and ground smooth
- Hybrid sealing flange around all sides of door
- Oil resistant gasket
- Gasket retainer on steel enclosures
- Continuous hinge with stainless steel pin (Stainless Steel Hinge on SS models)
- Heavy-duty three point locking handle
- Pre-cut holes for floor mounting
- 3/8-16 Collar studs and panel supports for mounting panels – panel included
- Grounding stud on door
- 3/4" Heavy duty lifting eyes
- Stiffeners added for rigidity
- Removable center post
- Mechanical interlocks included
- Universal cut out on right flange for disconnect (operator adapter kit to be ordered separately)

Finish

*All enclosures can be formed out of
Stainless Steel, Aluminum, or Carbon Steel*

- 14 gauge or 12 gauge
304 or 316 Stainless Steel or Carbon Steel
- 0.125" 5052 Aluminum
- Brushed & blended finish for stainless steel and aluminum enclosures
- ANSI 61 gray powder coat inside and out for carbon steel enclosures

Popular Add-Ons



Sub Panels



Alternative
Handles



Window Kits

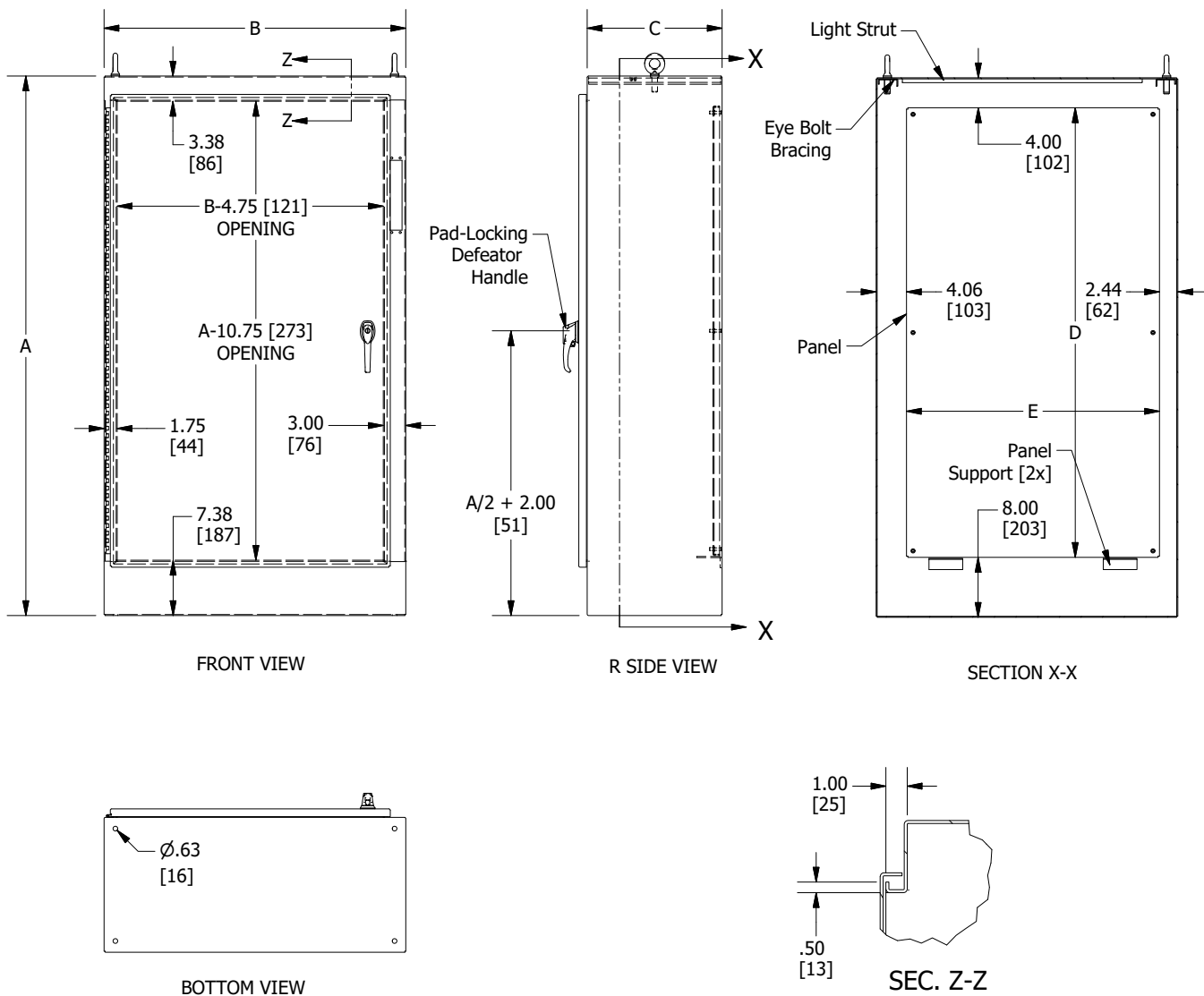


Louvers



Disconnect
Adapter Plates

One Door Freestanding Type 12



For more information and detailed drawing files, visit www.emfcompany.com

Multi Door Freestanding Type 12



Standard Specifications

- Seams continuously welded and ground smooth
- Hybrid sealing flange around all sides of door
- Oil resistant gasket
- Gasket retainer on steel enclosures
- Continuous hinge with stainless steel pin (Stainless Steel Hinge on SS models)
- Heavy-duty three point locking handle
- Pre-cut holes for floor mounting
- 3/8-16 Collar studs and panel supports for mounting panels – panel included
- Grounding stud on door
- 3/4" Heavy duty lifting eyes
- Stiffeners added for rigidity
- Removable center post
- Mechanical interlocks included
- Universal cut out on right flange for disconnect (operator adapter kit to be ordered separately)

CONTACT EMF FOR CUSTOM QUOTE



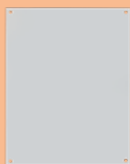
CSA - UL/cUL Listed, IEC 60529, IP52

Finish

*All enclosures can be formed out of
Stainless Steel, Aluminum, or Carbon Steel*

- 11 gauge 304 or 316 Stainless Steel or Carbon Steel
- 0.190" 5052 Aluminum
- Brushed & blended finish for stainless steel and aluminum enclosures
- ANSI 61 gray powder coat inside and out for carbon steel enclosures

Popular Add-Ons



Sub Panels



Alternative
Handles



Window Kits

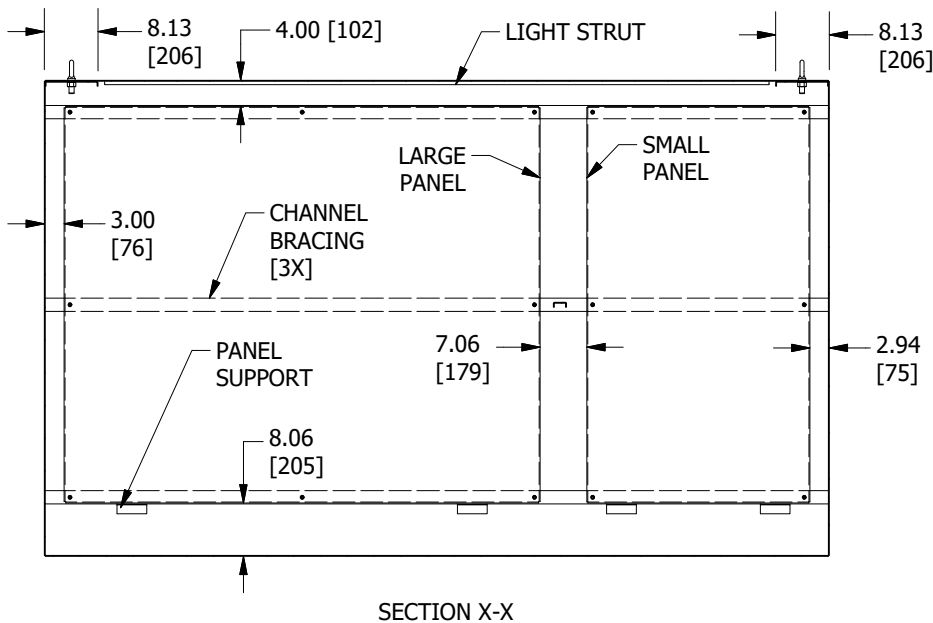
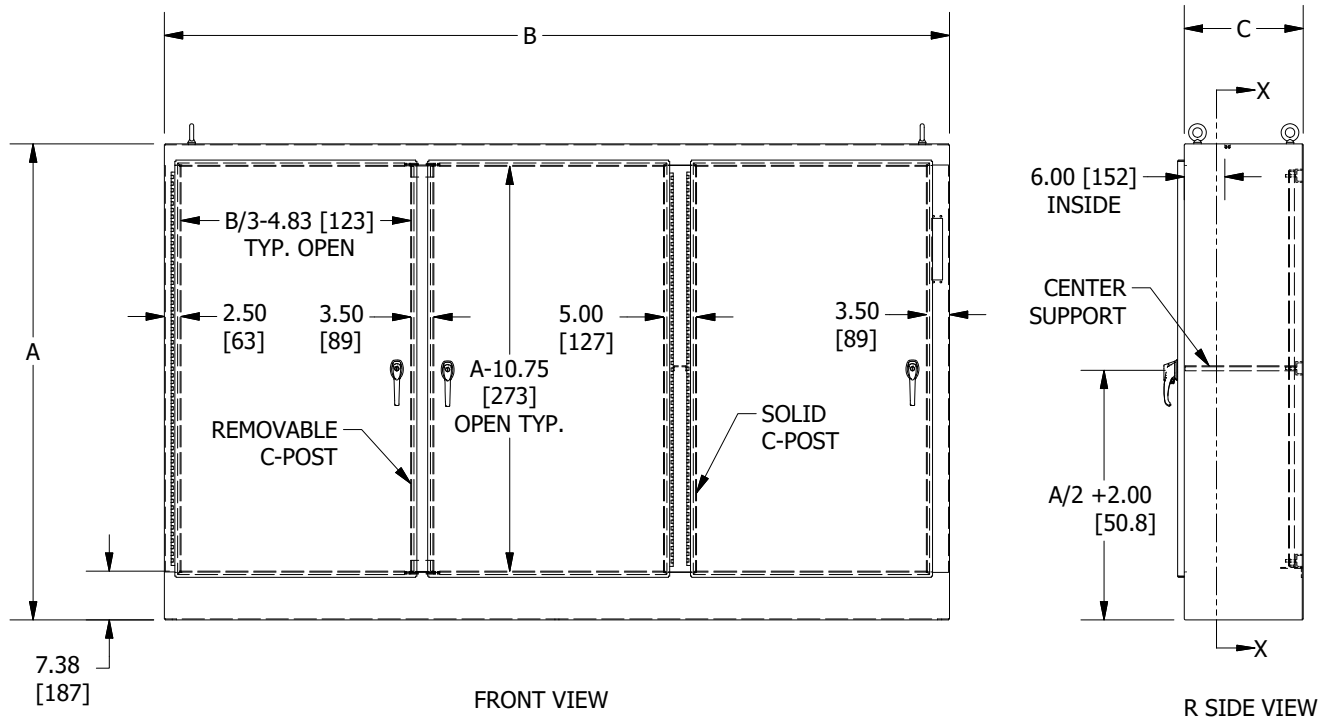


Louvers



Disconnect
Adapter Plates

Multi Door Freestanding Type 12



For more information and detailed drawing files, visit www.emfcompany.com

ENGRAVING & MACHINING

At EMF, custom machining is our specialty! We run multiple punch presses and laser cutting machines to offer a wide variety of capabilities. Machining services include custom cutouts, drilled hole patterns, knockouts, disconnect switch cutouts, punched louvers and more.

EMF also offers custom engraving on all stainless steel and painted steel enclosures. Laser engraving offers a precise, durable way to label controls or include a company logo. Contact factory for details and requirements.



DISCONNECT CUTOUTS

EMF has experience working with all major disconnect switch manufacturers and can provide custom cutouts to perfectly fit your chosen disconnect switch. We also offer blank disconnect cutouts along with cutout adapter plates for a more versatile enclosure solution.



Disconnect Adapter Plate



contact sales@emfcompany.com to receive a custom enclosure quote.




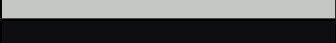




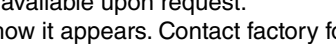
EMF offers multiple finishing options to provide a clean look and an additional layer of protection. Choose from a wide range of RAL colors for custom powder coating – available for any enclosure or custom panel.

Other finishing services include:

- Engraving
- Etching
- Plating
- Anodizing
- EMI-RFI shielding
- Passivation (stainless steel only)
- Other ANSI related requirements.



Powder Coat Color Options

COLOR DESCRIPTION	COLOR SWATCH	APPROXIMATE RAL EQUIVALENT
RED		RAL 3003
GRAY WHITE		RAL 9002
LIGHT IVORY		RAL 1015
LIGHT GRAY		RAL 7035
BLACK		RAL 9005
ANSI 61 GRAY		RAL 7042
YELLOW		RAL 1023
SIGNAL WHITE		RAL 9003
EMF WHITE		-

*Additional and custom options available upon request.

**Color may differ slightly from how it appears. Contact factory for powder coat spec sheet.

EMF Powder Coat Paint Characteristics

Powder Type	Part Names	60° Gloss	Cross Cut Adhesion	Mandrel Flexibility	Pencil Hardness	Impact Resistance
Standard	N/A	ASTM D-523	ASTM D3359	ASTM D522	ASTM D3363	ASTM 2794
ANSI 61 GRAY	POWDER 122	60-70	5B	1/8(in)	H-2H	100(in) / LBS
EMF WHITE	POWDER 170	85-95	5B	1/8(in)	H-2H	100(in) / LBS
RAL COLORS	TBA	55-65	5B	1/8(in)	H-2H	80(in) / LBS

contact sales@emfcompany.com to receive a custom enclosure quote.

PANELS

Complete your enclosure with our high strength, steel and stainless steel back panels or hinged swing panels. Panel provisions are built into every enclosure for easy installation and panels can be customized with machining or powder coating for your application.

EMF can provide:

- Back Panels
- Swing Panels
- Inner Doors
- Half Panels
- Side Panels



WINDOWS

Easily view controls while keeping them protected by adding a window to your enclosure! EMF can create hinged or fixed frame NEMA 4X rated windows up to 36" x 23". All windows are created using 0.25 inch thick Lexan and oil-resistant gasketing. Contact factory for details.



contact sales@emfcompany.com to receive a custom enclosure quote.

INSULATION & SHIELDS

Protect your components from extreme temperatures with a variety of add-ons including Insulation, Sun Shields, and ventilation accessories. These measures are an effective way to cut internal temperatures by 25-46% on single and multiple surface coverages. EMF offers multiple insulation depths to meet your enclosure size and needs.



OTHER ACCESSORIES

EMF takes great care in the hardware selections that make up your enclosure. We offer a wide variety of add-ons including latches, supports, temperature control options and more. Contact the factory for more information on any of our accessories.

EMF can provide:

- Back Panels
- Swing Panels
- Print Pockets
- Framed & Hinged Windows
- Gland Plates
- Light Struts
- Wire Management bars
- Louvers
- Inner Doors
- Casters
- Door Stops & Gas Shocks
- Drip Shields
- Sun Shields
- Floor Stands / Pedestals

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TERMS & CONDITIONS OF SALE

The Terms and Conditions of contained herein are the exclusive terms and conditions for the sale of products from The EMF Company™, a division of MUM Industries, Inc. ("EMF") to you, its Customer. Customer agrees that the terms and conditions stated herein and, to the extent not stated herein but contained on any EMF invoice, constitute the final, complete, exclusive expression of the agreement between EMF and Customer. In the event that any Customer form, purchase order or any other document submitted by Customer contains terms and conditions in addition to or different from the terms and conditions herein or from any EMF invoice, Customer agrees, by so submitting its purchase order or order form, by receiving an order acknowledgment or by accepting product produced by EMF, that such new or additional terms are rejected and that the language of the EMF terms and conditions control. Any and all new or additional terms contained on any Customer document (whether provided to EMF prior or subsequent to the delivery of these Terms and Conditions) are hereby expressly and completely rejected. Acceptance of Customer's order for product from EMF is expressly limited to these terms and conditions.

1. Orders become effective only when accepted and approved by EMF. EMF's acceptance is expressly made conditional on the Customer's assent to the terms and conditions contained herein and to the terms and conditions of any proposal issued by EMF to the Customer, and EMF agrees to furnish the product covered by the order only upon such terms and conditions. Any of the terms or provisions of the Customer's order which are inconsistent with the terms and provisions contained herein are not agreed to by EMF and shall not be binding on EMF and shall not be considered applicable to the sale or shipment of the products ordered.

2. There shall be a minimum order amount of \$50.00 exclusive of freight.

3. Orders, shipments, and terms of payment are subject to the approval of EMF's credit department. Invoices shall be rendered when the products are shipped. Terms of payment are net 30 days, unless otherwise agreed by EMF. Any sums not paid within the specified net terms are subject to a service charge of 1.5% per month. No discount will be allowed to any Customer having an overdue balance. Any discounts previously granted to any Customer that fails to pay any EMF invoice when due will be immediately forfeited and lost. Any discount forfeited or lost due to untimely payment of any invoice will be billed to Customer, which shall be immediately due and payable. Customer will pay all costs, collection agency commissions, expenses and all reasonable attorney fees incurred in the collection of any past due sums. By

submitting an order or taking receipt of EMF products, Customer consents to the exclusive jurisdiction of the state and federal courts located in the State of Texas. Customer shall be deemed to have accepted the products shipped by EMF within ten (10) days after delivery to Customer. After acceptance, Customer shall not be entitled to reject the products that are not in accordance with these terms and conditions. EMF reserves the right to refrain from performing any work on any of Customer's orders should any of Customer's account(s) or jobs with EMF be or become past due. Payments shall be made to EMF, 106 Regal Row, Dallas, TX 75247, or at such other address listed on the EMF invoice.

4. Products are sold FOB EMF's facility and title shall pass upon delivery to the carrier. EMF is not responsible for any loss or damage incurred in transit and any claim must be made by the Customer. EMF shall assist in the filing of any claim, at Customer's request.

5. Shipment dates are given based on current inventories and production plans. However, EMF shall not be responsible for any partial or total failure to deliver or for any delay incurred caused by accidents, delays in transportation, fires, explosions, floods, earthquakes, or other acts of nature, riots, strikes, or other causes beyond EMF's reasonable control.

6. Orders for non-standard products, such as modified product, are not cancelable and not returnable without EMF's prior consent. Should such consent be given, EMF reserves the right to recover all direct costs incurred as a result of the cancellation.

7. Returns of compliant products may be returned at Customer's request only upon the approval of EMF. Products must be in re-sellable condition and in their original packaging. No cash refunds will be provided for returned products. EMF will issue a credit memorandum for any authorized material return. Said credit memorandum will have no cash value and shall expire one (1) year after issuance. Authorized Returns not accompanied by a new order of greater or equal value shall be subject to a restocking fee of 25 percent of the original sale price.

8. EMF warrants that its products will be free from original defects in materials and workmanship for a period of one (1) year from date of shipment from its facility. This warranty is subject to receipt of written notification of a potential defect, provided by customer to EMF within the warranty period. This warranty applies when the EMF product is operated under the following conditions: 1) Compliance with all installation, maintenance, and operating instructions; 2) Use of the product is within its stated and designated purpose; and 3) The product

TERMS & CONDITIONS OF SALE

has not been further modified from its original design as shipped, abused damaged by freight or other accident, misapplied, mishandled, or otherwise misused or used in a manner not as intended.

EMF will, at its sole discretion, repair or replace any EMF product found to be defective under normal use and service within the stated warranty period, upon return of such parts at the customer's expense (as more fully described in "Return Policy" below). Any and all determination as to whether a product is defective shall be in EMF's sole and exclusive discretion. EMF will not be responsible for any incidental or consequential damages or for any damage caused by products which have been altered or modified. EMF's liability under this warranty is limited solely to replacement or repair of any EMF product confirmed by EMF to be defective.

EMF cannot and does not assume liability for defective product parts or components, or damage caused by defective product parts or components, that are not manufactured by EMF, even if such product parts and components are incorporated, contained or used in conjunction with any EMF product. Any parts or components manufactured by third parties that are incorporated, used or contained in EMF products are or may be separately warranted by the manufacturer of said parts or components. The warranty provided herein is limited in time and remedy to the actual warranty (if any) provided by the manufacturer of such parts or components, and EMF does not separately warrant the same.

NO EMPLOYEE, REPRESENTATIVE OR DISTRIBUTOR IS AUTHORIZED TO CHANGE THE FOREGOING WARRANTIES IN ANY WAY OR GRANT ANY OTHER WARRANTY ON BEHALF OF EMF. THE FOREGOING WARRANTIES ARE IN LIEU OF ALL OTHER WARRANTIES (INCLUDING ANY WARRANTY OF MERCHANTABILITY AND/OR FITNESS FOR A OR ANY PARTICULAR PURPOSE) AND NO REPRESENTATIONS, GUARANTEES, OR WARRANTIES, EXPRESS OR IMPLIED, ARE MADE BY EMF IN CONNECTION WITH THE MANUFACTURE OR SALE OF ITS PRODUCTS. THE LIABILITY OF EMF, WHETHER IN CONTRACT, TORT, UNDER ANY WARRANTY, OR OTHERWISE, SHALL NOT EXTEND BEYOND ITS OBLIGATION TO REPAIR OR REPLACE, AT ITS OPTION, ANY PRODUCT OR PART FOUND BY EMF TO BE DEFECTIVE IN MATERIAL OR WORKMANSHIP. EMF SHALL NOT BE LIABLE FOR COST OF REMOVAL OR INSTALLATION AND/OR SHALL NOT BE RESPONSIBLE FOR ANY DIRECT, INDIRECT, SPECIAL OR CONSEQUENTIAL DAMAGES OF ANY NATURE.

Whether based on any Warranty claim or otherwise,

EMF will not, in ANY event, be liable for any loss of profit, interruption of business or any other special, consequential or incidental damages suffered or sustained by Customer. EMF's total maximum liability to Customer in respect of the manufacture and sale of products is limited to the Warranty stated herein and, if any claim by Customer is based on a theory other than the Warranties, then the damages are limited to the total monies received by EMF from the Customer for the particular products described in Customer's order. The total maximum liability for scheduled orders that are drawn down against each month will be the monthly total of the effected order or the total value of the items effected whichever is the lesser.

9. Any assistance, suggestions, or technical advice given the Customer by EMF or any agent thereof, concerning dimensions, handling, installation, testing, storage, use or placement in service of any product is an accommodation for which EMF shall have no liability unless such liability expressly assumed by EMF in writing and signed by an officer of the company.

10. No employee, agent, or representative of EMF has the authority or power to add, waive, or amend these terms and conditions unless first authorized in writing by an officer of EMF. Any transaction with Customer shall be construed under the laws of the State of Texas. Waiver of EMF of any breach shall not thereafter be deemed a waiver of a subsequent breach of the same of any other provision hereof.