Allied Moulded Empire series wall mount enclosures may be used where contractors are looking for an enclosure that is lighter in weight for easier installation and simple-to-access cabinet doors for easier service capability. Units feature optional 3-point latching cabinet doors or twist latches for convenience.

Designed for large cabinet installations for major industrial and communication applications, our freestanding Empire series cabinets are available in single and double door sizes, and feature a lockable 3-point latching door handle system, while maintaining a NEMA 4X rating.
Empire Series Features & Benefits

- Gel coat fiberglass reinforced polyester (FRP) material construction for durability
- Continuous 316 stainless steel hinge
- Flexible, self-gripping gasket compresses over flange for tight seal
- Wall mount units come with two latching options to meet NEMA Type 4X requirements:
  - 316 stainless steel twist latches with padlock hasp
  - Padlockable 3-point latching handles
- Freestanding units have padlockable 3-point latching handles which meet NEMA Type 4X requirements

Empire Series Specifications

- Non-corrosive
- Non-conductive
- Standard RAL 7035 light gray color
- Lightweight vs. stainless steel
- Temperature-resistant
- Fire-resistant
- Rated NEMA 1, 4, and 4X
- UL® listed
- CSA certified
- Compliant with RoHS directive

Accessories

- Optional white painted carbon steel back panels
- ULTRAPLUG® hole plugs
- Pole mount kits
- HMI cover kits
- Inspection Windows

Modifications

We are pleased to modify any of our standard products to fit your needs with:

- Custom holes and cutouts
- Custom size polycarbonate viewing windows
- Molded-in color matches
- EMI/RFI shielding
- Factory-supplied silk screening
- Mounting strut

For complete details on factory modifications including a modification request form, see pages 142-144.

www.alliedmoulded.com
Empire Series
WALL MOUNT ENCLOSURES

Cover Type
Solid/Opaque

Closure Type
Twist Latch Hinged Cover

Application
Designed to insulate and house electrical and electronic controls, instruments or components for indoor and outdoor applications
- Especially well suited for high temperature or corrosive environments
- Protects from dirt, dust, oil, and water

Standards
- UL 50 and UL 50E Types 1, 4, and 4X
- CSA C22.2 No. 94 Types 1, 4, and 4X
- Complies with:
  - NEMA Types 1, 4, and 4X
  - IEC 60529 Type IP66
  - RoHS directive

Construction
- Durable, corrosion resistant gel-coat fiberglass material construction
- Resin Transfer Molded (RTM) doors and box construction
- Molded-in mounting flanges
- Soft, self-gripping EPDM gasket, compresses over flange for tight seal
- 316 stainless steel twist latches with padlock hasp (0.375" dia.)
- Heavy-duty continuous 316 stainless steel hinge
- Fiberglass material has UV inhibitors which provide idea protection from outdoor weathering

Accessories & Modifications
- Optional painted carbon steel back panels
- Custom size polycarbonate viewing windows
- HMI cover kits
- Inspection windows
- Optional print pocket
### Technical Index

#### Empyre Series

**Part No.**

<table>
<thead>
<tr>
<th>Box Size At Top</th>
<th>Overall Box Dimensions</th>
<th>Usable Depth</th>
<th>Flange Mount</th>
<th>Opening Height</th>
<th>Panel Studs</th>
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**All dimensions are in inches unless otherwise noted**

**Data subject to change without notice**
Empire Series
WALL MOUNT ENCLOSURES

Cover Type
Solid/Opaque

Closure Type
3-Point Latch Hinged Cover

Application
Designed to insulate and house electrical and electronic controls, instruments or components for indoor and outdoor applications
- Especially well suited for high temperature or corrosive environments
- Protects from dirt, dust, oil, and water

Standards
- UL 50 and UL 50E Types 1, 4, and 4X
- CSA C22.2 No. 94 Types 1, 4, and 4X
- Complies with:
  - NEMA Types 1, 4, and 4X
  - IEC 60529 Type IP66
  - RoHS directive

Construction
- Durable, corrosion resistant gel-coat fiberglass material construction
- Resin Transfer Molded (RTM) doors and box construction
- Molded-in mounting flanges
- Soft, self-gripping EPDM gasket, compresses over flange for tight seal
- 316 stainless steel 3-point latching handle with padlock provision
- Heavy-duty continuous 316 stainless steel hinge
- Fiberglass material has UV inhibitors which provide idea protection from outdoor weathering

Accessories & Modifications
- Optional painted carbon steel back panels
- Custom size polycarbonate viewing windows
- HMI cover kits
- Inspection windows
- Optional print pocket
### EMPIRE SERIES

#### STANDARDS

- POLYLINE®
- ULTRAGUARD®
- FIBERGLASS

#### ACCESSORIES

- AM SERIES
- AM-R
- AMHD-R
- MODS

#### POLYLINE®

- ULTRALINE®
- EMPIRE
- ACCESSORIES

#### TECHNICAL INDEX

- CONTINUOUS 316 STAINLESS STEEL PIANO HINGE
- OPENING (AT TOP)
- Z x .50 (12.7mm)
- HEIGHT OPENING (AT TOP)
- S x .50 (12.7mm)
- WIDTH
- E
- H
- L
- Ht.
- Wid.
- Studs
- S
- Z
- P/N

### Table:

<table>
<thead>
<tr>
<th>Part No.</th>
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All dimensions are in inches unless otherwise noted. Data subject to change without notice.

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NCM... 3.88 (mm) WALL THICKNESS

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RoHS COMPLIANT CUL US C US CE
Empire Series
WALL MOUNT ENCLOSURES

Cover Type
Solid/Opaque / Viewing Window

Closure Type
Twist Latch Hinged Cover
3-Point Latch Hinged Cover

Application
Designed to insulate and house electrical and electronic controls, instruments or components for indoor and outdoor applications
- Especially well suited for high temperature or corrosive environments
- Protects from dirt, dust, oil, and water
- Window unit provides viewing area for instrumentation or equipment

Standards
- UL 50 and UL 50E Types 1, 2, 3, 3R, 4, 4X, 12 and 13
- CSA C22.2 No. 94 Types 1, 2, 3, 3R, 4, 4X, 12 and 13
- Complies with:
  - NEMA Types 1, 2, 3, 3R, 4, 4X, 12 and 13
  - IEC 60529 Type IP66
  - RoHS directive

Construction
- Compression-molded cover and two piece box from ULTRAGUARD® material in standard light gray RAL 7035 color
- Optional 316 stainless steel twist latches (T) or 316 stainless steel 3-point latching handle (3PT)
- Formed-In-Place (FIP) polyurethane gasket system provides sealing means to meet IP66/NEMA 4X rating
- Integral mounting flange is compression molded in fiberglass material
- 3/8-16 threaded brass inserts are molded in for optional back panel
- 3/8-6 x .75 combo head, carbon steel plated screws are included with each enclosure for use with the optional back panel
- Heavy-duty, continuous 316 stainless steel hinge
- Optional UV-resistant polycarbonate viewing window (W)
- UL 50 and UL 50E Types 1, 2, 3, 3R, 4, 4X, 12 and 13
- CSA C22.2 No. 94 Types 1, 2, 3, 3R, 4, 4X, 12 and 13
- Complies with:
  - NEMA Types 1, 2, 3, 3R, 4, 4X, 12 and 13
  - IEC 60529 Type IP66
  - RoHS directive

Accessories & Modifications
- Optional painted carbon steel back panels
- Custom size polycarbonate viewing windows
- HMI cover kits
- Inspection windows
- Optional print pocket
Solid/Opaque

<table>
<thead>
<tr>
<th>Part No.</th>
<th>Box Size At Top</th>
<th>Overall Box Dimensions</th>
<th>Usable Depth</th>
<th>Flange Mount</th>
<th>Opening</th>
<th>Panel Studs</th>
<th>Panel Size</th>
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All dimensions are in inches unless otherwise noted

Viewing Window

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<th>Usable Depth</th>
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All dimensions are in inches unless otherwise noted

Data subject to change without notice
Empire Series
FREE STANDING SINGLE DOOR

Cover Type
Solid/Opaque

Closure Type
3-Point Latch Hinged Cover

Application
Designed to insulate and house electrical and electronic controls, instruments or components for indoor and outdoor applications
- Especially well suited for high temperature or corrosive environments
- Protects from dirt, dust, oil, and water

Standards
- UL 50 and UL 50E Types 1, 4, and 4X
- CSA C22.2 No. 94 Types 1, 4, and 4X
- Complies with:
  • NEMA Types 1, 4, and 4X
  • IEC 60529 Type IP66
  • RoHS directive

Construction
- Durable, corrosion resistant gel-coat fiberglass material construction
- Resin Transfer Molded (RTM) doors and box construction
- Soft, self-gripping EPDM gasket, compresses over flange for tight seal
- One 316 stainless steel 3-point latching handle with padlock provision
- Heavy-duty continuous 316 stainless steel hinge
- Fiberglass material has UV inhibitors which provide idea protection from outdoor weathering
- Heavy duty lifting eye bolts

Accessories & Modifications
- Optional painted carbon steel back panels
- Custom size polycarbonate viewing windows
- HMI cover kits
- Inspection windows
- Optional print pocket
Optional Carbon Steel Back Panel

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All dimensions are in inches unless otherwise noted

Data subject to change without notice
Empire Series
FREE STANDING DOUBLE DOOR

Cover Type
Solid/Opaque

Closure Type
3-Point Latch Hinged Cover

Application
Designed to insulate and house electrical and electronic controls, instruments or components for indoor and outdoor applications

- Especially well suited for high temperature or corrosive environments
- Protects from dirt, dust, oil, and water

Standards
- UL 50 and UL 50E Types 1, 4, and 4X
- CSA C22.2 No. 94 Types 1, 4, and 4X
- Complies with:
  - NEMA Types 1, 4, and 4X
  - IEC 60529 Type IP66
  - RoHS directive

Construction
- Durable, corrosion resistant gel-coat fiberglass material construction
- Resin Transfer Molded (RTM) doors and hand-layup box construction
- Soft, self-gripping EPDM gasket, compresses over flange for tight seal
- Two 316 stainless steel 3-point latching handles with padlock provision
- Heavy-duty continuous 316 stainless steel hinge
- Fiberglass material has UV inhibitors which provide idea protection from outdoor weathering
- Heavy duty lifting eye bolts

Accessories & Modifications
- Optional painted carbon steel back panels
- Custom size polycarbonate viewing windows
- HMI cover kits
- Inspection windows
- Optional print pocket
Optional Carbon Steel Back Panel

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*Note: Consists of two separate panels

All dimensions are in inches unless otherwise noted

Data subject to change without notice