AM Series boxes are designed to insulate and protect controls and components in both indoor and outdoor applications and are especially well suited for high temperature or corrosive environments. They feature flat covers with a variety of latching options that allow you to provide the level of security and ease of access needed for each application.

The AM Series offers a wide variety of sizes and configurations including small junction boxes; inline pushbutton enclosures in one, two, or three-hole configurations and two hole sizes; and standard JIC size enclosures.
AM Series Features & Benefits

- Molded ULTRAGUARD® fiberglass reinforced polyester (FRP) material construction for durability
- Continuous 316 stainless steel hinge
- Formed-In-Place (FIP) polyurethane gasket system
- Matching flat cover
- 316 stainless steel hardware and mounting feet
- Mounting panel inserts for optional back panel
- UV stabilized for outdoor use

AM Series Specifications

- Non-corrosive
- Non-conductive
- Standard RAL 7035 light gray color
- Temperature-resistant
- Fire-resistant
- Rated NEMA 1, 2, 3, 3R, 4, 4X, 12, 13
- UL® listed
- CSA certified
- Compliant with RoHS directive

Accessories

- Back panels available in painted carbon steel, aluminum, fiberglass, or galvannealed steel
- ULTRAPLUG® hole plugs
- Pole mount kits
- HMI cover kits
- Inspection windows
- UV resistant polycarbonate viewing 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 matching
- Hinge installed on short side
- EMI/RFI shielding
- Factory-supplied silk screening

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

www.alliedmoulded.com
AM Series
SMALL JUNCTION BOXES

Cover Type
Solid/Opaque

Closure Type
Lift-Off Screw Cover

Application
Designed for use as electrical junction boxes, terminal wiring boxes, instrumentation housings, and electrical control enclosures

- Especially well suited for high temperature or corrosive environments
- Protects from dirt, dust, oil and water
- For use with industrial control 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
- Rugged, molded ULTRAGUARD® fiberglass reinforced polyester material construction with reinforced corners
- Two sizes: 7"x4"x3" and 9"x4"x3"
- 316 stainless steel captive cover screws
- Formed-In-Place (FIP) polyurethane gasket system encased in continuous channel
- 316 stainless steel wall mounting feet with 10-32 stainless steel screws included
- #10-32 threaded brass inserts for optional back panel installation
- UV stabilized for outdoor use

Accessories & Modifications
- Optional back panels
- Custom holes & cutouts
- Custom size polycarbonate viewing windows
- Molded-in color matching
- EMI/RFI shielding
- Factory-supplied silk screening
**Part No.** | **Overall** | **Inside** | **Panel Sizes** | **Panel Sizes** |
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<thead>
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<td>210mm</td>
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*Nom. Wall Thickness: .125 (3.2mm)*

All dimensions are in inches unless otherwise noted.

Data subject to change without notice.

*Available with or without stainless steel mounting feet. Suffix “SF” denotes box without mounting feet.

Additional back panels found on page 128.
AM Series
PUSHBUTTON ENCLOSURES

Cover Type
Solid/Opaque

Closure Type
Inline Lift-Off Screw Cover

Application
Designed to insulate and house pushbuttons and switches in applications that require a human-machine interface

- Especially well suited for high temperature or corrosive environments
- Protects from dirt, dust, oil and water
- For use with industrial control 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
- Rugged, molded ULTRAGUARD® fiberglass reinforced polyester material construction with reinforced corners
- Available with either 30.5mm or 22.5mm holes
- 316 stainless steel captive cover screws
- Formed-In-Place (FIP) polyurethane gasket system encased in continuous channel
- Grounding strap included
- UV stabilized for outdoor use

Accessories & Modifications
- Molded-in color matching
- EMI/RFI shielding
- Factory-supplied silk screening
All dimensions are in inches unless otherwise noted

Data subject to change without notice

Note: Mounting feet are not included as standard.

*Nom. Wall Thickness: .125 (3.2mm)
AM Series
PUSHBUTTON ENCLOSURES

Cover Type
Flat Solid/Opaque

Closure Type
Multi-Hole Lift-Off Screw Cover

Application
Designed to insulate and house pushbuttons and switches in applications that require a human-machine interface

- Especially well suited for high temperature or corrosive environments
- Protects from dirt, dust, oil and water
- For use with industrial control 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
• Constructed to requirements of CSA Enc. 5 based on standard component cutout
• Strong, molded ULTRAGUARD® fiberglass reinforced polyester material construction with matching flat cover
• 316 stainless steel captive cover screws
• Formed-In-Place (FIP) polyurethane gasket system encased in continuous channel
• 316 stainless steel wall mounting feet with 10-32 threaded brass inserts for optional back panel installation
• Standard 30.5mm hole size
• UV stabilized for outdoor use

Accessories & Modifications
• Optional back panels
• Molded-in color matching
• EMI/RFI shielding
• Factory-supplied silk screening
• Optional 22.5mm holes (add "22" suffix to part number)
**Part No.** | **Box Size** | **Usable Depth** | **Panel Boss Centers** | **Panel Sizes** | **Foot Mount Centers** | **Cover Size** | **No. of Holes** | X | Y
---|---|---|---|---|---|---|---|---|---
AM664P4 | 6.10 6.10 | 4.18 3.76 | 10.25 10.25 | 4.81 4.81 | PL66 PLA66 | 5.01 7.32 | 7.69 7.69 | 4 | 2.72 2.72
 AM664P6 | 8.00 8.13 | 4.14 3.71 | 6.25 6.25 | 6.75 6.88 | PL86 PLA86 | 5.02 9.20 | 9.59 7.71 | 6 | 2.72 2.55

All dimensions are in inches unless otherwise noted
Enclosure base part numbers come standard with 4 separately bagged feet (ex. AM664P4)
Additional back panels found on page 128

Note: To order product with 22.5mm holes, please add “22” suffix to part number (e.g., AM664HP422) and contact customer service for lead times.

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**Pushbutton Arrangements**

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**Data subject to change without notice**
AM Series
PUSHBUTTON ENCLOSURES

Cover Type
Flat Solid/Opaque

Closure Type
Multi-Hole Hinged Screw Cover

Application
Designed to insulate and house pushbuttons and switches in applications that require a human-machine interface
- Especially well suited for high temperature or corrosive environments
- Protects from dirt, dust, oil and water
- For use with industrial control 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
- Constructed to requirements of CSA Enc. 5 based on standard component cutout
- Strong, molded ULTRAGUARD® fiberglass reinforced polyester material construction with matching flat cover
- 316 stainless steel captive cover screws
- Formed-In-Place (FIP) polyurethane gasket system encased in continuous channel
- 316 stainless steel wall mounting feet with 10-32 threaded brass inserts for optional back panel installation
- Standard 30.5mm hole size
- UV stabilized for outdoor use

Accessories & Modifications
- Optional back panels
- Molded-in color matching
- EMI/RFI shielding
- Factory-supplied silk screening
- Optional 22.5mm holes (add "22" suffix to part number)
Note: To order product with 22.5mm holes, please add “22” suffix to part number (e.g., AM664HP422) and contact customer service for lead times.

<table>
<thead>
<tr>
<th>Part No.</th>
<th>Box Size</th>
<th>Usable Depth</th>
<th>Panel Boss Centers</th>
<th>Panel Sizes</th>
<th>Foot Mount Centers</th>
<th>Cover Size</th>
<th>No. of Holes</th>
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<td>8.25</td>
<td>10.75</td>
<td>4.88</td>
<td>7.69</td>
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</table>

All dimensions are in inches unless otherwise noted.

Enclosure base part numbers come standard with 4 separately bagged feet (ex. AM664HP4).

Additional back panels found on page 128.

Data subject to change without notice.
AM Series
JIC SIZE JUNCTION BOXES

Cover Type
Flat Solid/Opaque

Closure Type
Lift-Off Screw Cover

Construction
- Strong, molded ULTRAGUARD® fiberglass reinforced polyester material construction with matching flat cover
- 316 stainless steel captive cover screws
- Formed-In-Place (FIP) polyurethane gasket system encased in continuous channel
- 316 stainless steel wall mounting feet with 10-32 stainless steel screws included
- #10-32 threaded brass inserts for optional back panel installation
- JIC sizes
- ULTRAGUARD® fiberglass material is easily punched, drilled, or sawed
- UV stabilized for outdoor use

Application
Designed to insulate and protect controls and components in both indoor and outdoor applications often found in oil refineries, waste water treatment equipment, chemical plants, and many other applications
- Especially well suited for high temperature or corrosive environments
- Protects from dirt, dust, oil and water
- For use with industrial control equipment

Standards
- UL 50 and UL 50E Types 1, 2, 3, 3R, 4, 4X, (6P for sizes 6”x6” up through 14”x12”), 12 and 13
- CSA C22.2 No. 94 Types 1, 2, 3, 3R, 4, 4X, (6P for sizes 6”x6” up through 14”x12”), 12 and 13
- Complies with:
  - NEMA Types 1, 2, 3, 3R, 4, 4X, (6P for sizes 6”x6” up through 14”x12”), 12 and 13
  - IEC 60529 Type IP66 and units rated 6P are IP68 submersible up to 24 hours at a depth of 6 feet (1.8 meters)
  - RoHS directive

Accessories & Modifications
- Optional back panels
- Custom holes and cutouts
- Custom size polycarbonate viewing windows
- Molded-in color matching
- EMI/RFI shielding
- Factory-supplied silk screening
### AM SERIES

**ULTRAGUARD® FIBERGLASS**

- **AM SERIES**
- **AM-R**
- **CONTROL**
- **ULTRALINE®**
- **EMPIRE**
- **ACCESSORIES**

#### Technical Index

- **AMHD-R**
- **MODS**

#### Nominal 1/8" (3mm) wall thickness

Note: Cover removed for clarity

All dimensions are in inches unless otherwise noted.

Sizes 6" x 6" up through 14" x 12" are rated 6P (IP68).

Enclosure base part numbers come standard with 4 separately bagged feet (ex. AM664).

Additional back panels found on page 128.

---

**Part No.** | **Box Size** | **Usable Depth** | **Panel Boss Centers** | **Panel Sizes** | **Foot Mount Centers** | **Cover Size** |
---|---|---|---|---|---|---|
AM664 | 6.10 x 6.10 | 4.18 | 3.76 | 4.25 | 4.25 | 4.81 x 4.81 | PL06 PLA06 |
AM864 | 8.00 x 8.00 | 4.14 | 3.71 | 6.25 | 4.25 | 6.75 x 4.88 | PL08 PLA08 |
AM1206 | 12.14 x 12.14 | 6.13 | 5.68 | 10.25 | 8.25 | 10.75 x 8.88 | PL120 PLA120 |
AM1224 | 12.14 x 12.14 | 4.13 | 3.73 | 10.25 | 10.25 | 10.75 x 10.75 | PL122 PLA122 |
AM1226 | 12.14 x 12.14 | 6.13 | 5.73 | 10.25 | 10.25 | 10.75 x 10.75 | PL122 PLA122 |
AM1426 | 14.14 x 14.26 | 6.13 | 5.71 | 12.25 | 10.25 | 12.75 x 10.88 | PL142 PLA142 |
AM2068 | 20.00 x 16.00 | 8.13 | 7.68 | 17.81 | 13.81 | 18.44 x 14.44 | P206 PA206 |

Box Sizes: 6.10, 8.00, 10.14, 12.14, 14.14, 16.27, 18.40, 20.00

Usable Depths: 4.18, 4.14, 4.13, 5.68, 5.71, 7.68, 7.69, 7.88

Panel Boss Centers: 3.76, 3.71, 3.68, 5.68, 5.71, 7.68, 7.69, 7.88

Panel Sizes: 4.25, 4.25, 6.25, 6.25, 8.25, 8.25, 10.25, 10.25

Foot Mount Centers: 4.81, 4.81, 6.75, 6.75, 8.75, 8.75, 10.75, 10.75

Cover Sizes: 4.25, 4.25, 6.75, 6.75, 8.75, 8.75, 10.75, 10.75

Sizes 6" x 6" up through 14" x 12" are rated 6P (IP68).

Enclosure base part numbers come standard with 4 separately bagged feet (ex. AM664).

Additional back panels found on page 128.

---

All dimensions are in inches unless otherwise noted.

Data subject to change without notice.
AM Series
JIC SIZE JUNCTION BOXES

Cover Type
Flat Viewing Window

Closure Type
Lift-Off Screw Cover

Application
Designed to insulate and protect controls and components in both indoor and outdoor applications often found in oil refineries, waste water treatment equipment, chemical plants, and many other applications

- Especially well suited for high temperature or corrosive environments
- Protects from dirt, dust, oil and water
- For use with industrial control equipment
- 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
- Strong, molded ULTRAGUARD® fiberglass reinforced polyester material construction with matching flat cover
- UV resistant polycarbonate viewing window
- 316 stainless steel captive cover screws
- Formed-In-Place (FIP) polyurethane gasket system encased in continuous channel
- 316 stainless steel wall mounting feet with 10-32 stainless steel screws included
- #10-32 threaded brass inserts for optional back panel installation
- JIC sizes
- ULTRAGUARD® fiberglass material is easily punched, drilled, or sawed
- UV stabilized for outdoor use

Accessories & Modifications
- Optional back panels
- Custom holes and cutouts
- Molded-in color matching
- EMI/RFI shielding
- Factory-supplied silk screening
### AM Series Panel Boss Centers

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<th>Part No.</th>
<th>Box Size</th>
<th>Usable Depth</th>
<th>Panel Boss Centers</th>
<th>Panel Sizes</th>
<th>Foot Mount Centers</th>
<th>Cover Size</th>
<th>Window Dimension (Height x Width)</th>
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All dimensions are in inches unless otherwise noted.

Enclosure base part numbers come standard with 4 separately bagged feet (ex. AM664W)

Additional back panels found on page 128

All dimensions are in inches unless otherwise noted.

Data subject to change without notice.
AM Series
JIC SIZE JUNCTION BOXES

Cover Type
Flat Solid/Opaque

Closure Type
Hinged Screw Cover

Application
Designed to insulate and protect controls and components in both indoor and outdoor applications often found in oil refineries, waste water treatment equipment, chemical plants, and many other applications
- Especially well suited for high temperature or corrosive environments
- Protects from dirt, dust, oil and water
- For use with industrial control 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
- Strong, molded ULTRAGUARD® fiberglass reinforced polyester material construction with matching flat cover
- 316 stainless steel captive cover screws
- Continuous 316 stainless steel hinge
- Formed-In-Place (FIP) polyurethane gasket system encased in continuous channel
- 316 stainless steel wall mounting feet with 10-32 stainless steel screws included
- #10-32 threaded brass inserts for optional back panel installation
- JIC sizes
- ULTRAGUARD® fiberglass material is easily punched, drilled, or sawed
- UV stabilized for outdoor use

Accessories & Modifications
- Optional back panels
- Custom holes and cutouts
- Custom size polycarbonate viewing windows
- Hinge installed on short side
- Molded-in color matching
- EMI/RFI shielding
- Factory-supplied silk screening
Note: Cover removed for clarity

Nominal 1/8" (3mm) wall thickness

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AM Series

JIC SIZE JUNCTION BOXES

Cover Type
Flat Viewing Window

Closure Type
Hinged Screw Cover

Application
Designed to insulate and protect controls and components in both indoor and outdoor applications often found in oil refineries, waste water treatment equipment, chemical plants, and many other applications

- Especially well suited for high temperature or corrosive environments
- Protects from dirt, dust, oil and water
- For use with industrial control equipment
- 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
- Strong, molded ULTRAGUARD® fiberglass reinforced polyester material construction with matching flat cover
- UV resistant polycarbonate viewing window
- 316 stainless steel captive cover screws
- Continuous 316 stainless steel hinge
- Formed-In-Place (FIP) polyurethane gasket system encased in continuous channel
- 316 stainless steel wall mounting feet with 10-32 stainless steel screws included
- #10-32 threaded brass inserts for optional back panel installation
- JIC sizes
- ULTRAGUARD® fiberglass material is easily punched, drilled, or sawed
- UV stabilized for outdoor use

Accessories & Modifications
- Optional back panels
- Custom holes and cutouts
- Hinge installed on short side
- Molded-in color matching
- EMI/RFI shielding
- Factory-supplied silk screening
### AM Series Technical Index

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All dimensions are in inches unless otherwise noted.
Enclosure base part numbers come standard with 4 separately bagged feet (ex. AM664HW)
Additional back panels found on page 128.

Data subject to change without notice.
## AM Series

### JIC SIZE JUNCTION BOXES

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### Application

Designed to insulate and protect controls and components in both indoor and outdoor applications often found in oil refineries, waste water treatment equipment, chemical plants, and many other applications.

- Especially well suited for high temperature or corrosive environments
- Protects from dirt, dust, oil and water
- For use with industrial control 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

- Strong, molded ULTRAGUARD® fiberglass reinforced polyester material construction with matching flat cover
- 316 stainless steel snap latches feature padlock hasp (.375” dia.)
- Continuous 316 stainless steel hinge
- Formed-In-Place (FIP) polyurethane gasket system encased in continuous channel
- 316 stainless steel wall mounting feet with 10-32 stainless steel screws included
- #10-32 threaded brass inserts for optional back panel installation
- JIC sizes
- ULTRAGUARD® fiberglass material is easily punched, drilled, or sawed
- UV stabilized for outdoor use

### Accessories & Modifications

- Optional back panels
- Custom holes and cutouts
- Custom size polycarbonate viewing windows
- Hinge installed on short side
- Molded-in color matching
- EMI/RFI shielding
- Factory-supplied silk screening
### LATCH LOCATIONS

**FOR USE ON:**
- 6x6x4
- 8x6x4
- 10x8x4, 6

**FOR USE ON:**
- 12x10x6 D=8.00 (203 mm)
- 12x12x4, 6 D=8.00 (203 mm)
- 14x12x6 D=8.54 (217 mm)
- 18x16x8 D=6.50 (165 mm)
- 20x16x8 D=10.52 (267 mm)

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**Nominal 1/8” (3mm) wall thickness**

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### Specifications Table

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<th>Box Size</th>
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**Note:** Cover removed for clarity

All dimensions are in inches unless otherwise noted

Enclosure base part numbers come standard with 4 separately bagged feet (ex. AM664L)

Additional back panels found on page 128

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**Data subject to change without notice**

RoHS Compliant CULus CE CE  C E  C E  CE
AM Series
JIC SIZE JUNCTION BOXES

Cover Type
Flat Viewing Window

Closure Type
Snap Latch Hinged Cover

Application
Designed to insulate and protect controls and components in both indoor and outdoor applications often found in oil refineries, waste water treatment equipment, chemical plants, and many other applications

- Especially well suited for high temperature or corrosive environments
- Protects from dirt, dust, oil and water
- For use with industrial control equipment
- 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
- Strong, molded ULTRAGUARD® fiberglass reinforced polyester material construction with matching flat cover
- UV resistant polycarbonate viewing window
- 316 stainless steel snap latches feature padlock hasp (.375" dia.)
- Continuous 316 stainless steel hinge
- Formed-In-Place (FIP) polyurethane gasket system encased in continuous channel
- 316 stainless steel wall mounting feet with 10-32 stainless steel screws included
- #10-32 threaded brass inserts for optional back panel installation
- JIC sizes
- ULTRAGUARD® fiberglass material is easily punched, drilled, or sawed
- UV stabilized for outdoor use

Accessories & Modifications
- Optional back panels
- Custom holes and cutouts
- Hinge installed on short side
- Molded-in color matching
- EMI/RFI shielding
- Factory-supplied silk screening
Note: Cover removed for clarity

Nominal 1/8" (3mm) wall thickness

LATCH LOCATIONS

FOR USE ON:
- 6x6x4
- BxHxW
- D=8.00 (203 mm)
- 12x12x6 D=8.00 (203 mm)
- 16x16x8 D=8.54 (217 mm)
- 18x16x8 D=6.50 (165 mm)
- 20x16x8 D=10.52 (267 mm)

Data subject to change without notice

Enclosure base part numbers come standard with 4 separately bagged feet (ex. AM664LW)
Additional back panels found on page 128

All dimensions are in inches unless otherwise noted
## AM Series
### JIC SIZE JUNCTION BOXES

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<th>Cover Type</th>
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<td>Closure Type</td>
<td>Twist Latch Hinged Cover</td>
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### Application
Designed to insulate and protect controls and components in both indoor and outdoor applications often found in oil refineries, waste water treatment equipment, chemical plants, and many other applications
- Especially well suited for high temperature or corrosive environments
- Protects from dirt, dust, oil and water
- For use with industrial control equipment

### Construction
- Strong, molded ULTRAGUARD® fiberglass reinforced polyester material construction with matching flat cover
- 316 stainless steel twist latches feature padlock hasp (.375" dia.)
- Continuous 316 stainless steel hinge
- Formed-In-Place (FIP) polyurethane gasket system encased in continuous channel
- 316 stainless steel wall mounting feet with 10-32 stainless steel screws included
- #10-32 threaded brass inserts for optional back panel installation
- JIC sizes
- ULTRAGUARD® fiberglass material is easily punched, drilled, or sawed
- UV stabilized for outdoor use

### 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

### Accessories & Modifications
- Optional back panels
- Custom holes and cutouts
- Custom size polycarbonate viewing windows
- Hinge installed on short side
- Molded-in color matching
- EMI/RFI shielding
- Factory-supplied silk screening
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<tr>
<th>Part No.</th>
<th>Box Size</th>
<th>Usable Depth</th>
<th>Panel Boss Centers</th>
<th>Panel Sizes</th>
<th>Foot Mount Centers</th>
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<td>311mm</td>
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All dimensions are in inches unless otherwise noted
Enclosure base part numbers come standard with 4 separately bagged feet (ex. AM664T)
Additional back panels found on page 128

Note: Cover removed for clarity
Nominal 1/8” (3mm) wall thickness

Data subject to change without notice
AM Series

JIC SIZE JUNCTION BOXES

Cover Type
Flat Viewing Window

Closure Type
Twist Latch Hinged Cover

Application
Designed to insulate and protect controls and components in both indoor and outdoor applications often found in oil refineries, waste water treatment equipment, chemical plants, and many other applications
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- Complies with:
  - NEMA Types 1, 2, 3, 3R, 4, 4X, 12 and 13
  - IEC 60529 Type IP66
  - RoHS directive

Construction
- Strong, molded ULTRAGUARD® fiberglass reinforced polyester material construction with matching flat cover
- UV resistant polycarbonate viewing window
- 316 stainless steel twist latches feature padlock hasp (.375" dia.)
- Continuous 316 stainless steel hinge
- Formed-In-Place (FIP) polyurethane gasket system encased in continuous channel
- 316 stainless steel wall mounting feet with 10-32 stainless steel screws included
- #10-32 threaded brass inserts for optional back panel installation
- JIC sizes
- ULTRAGUARD® fiberglass material is easily punched, drilled, or sawed
- UV stabilized for outdoor use

Accessories & Modifications
- Optional back panels
- Custom holes and cutouts
- Hinge installed on short side
- Molded-in color matching
- EMI/RFI shielding
- Factory-supplied silk screening
### Part No. | Box Size | Usable Depth | Panel Boss Centers | Panel Sizes | Foot Mount Centers | Cover Size | Window Dimension (Height x Width)
|---|---|---|---|---|---|---|---
| AM664TW | 6.10 | 6.10 | 4.18 | 4.25 | 4.25 | 4.81 | 4.81 | PL66 PLA66 | 5.01 | 7.32 | 7.69 | 7.69 | 4.25 x 4.25 |
| 1015mm | 155mm | 106mm | 93mm | 108mm | 108mm | 122mm | 122mm |
| AM864TW | 8.00 | 6.13 | 4.14 | 3.60 | 6.25 | 4.25 | 6.75 | 4.88 |
| 203mm | 156mm | 105mm | 91mm | 159mm | 108mm | 171mm | 124mm |
| 258mm | 210mm | 105mm | 91mm | 222mm | 175mm |
| 258mm | 210mm | 156mm | 141mm | 222mm | 175mm |
| 308mm | 261mm | 156mm | 142mm | 273mm | 225mm |
| 359mm | 312mm | 156mm | 92mm | 273mm | 273mm |
| 308mm | 308mm | 156mm | 92mm | 273mm | 273mm |
| AM1426TW | 14.14 | 12.26 | 6.13 | 5.60 | 12.25 | 10.25 | 12.75 | 10.88 | PL142 PLA142 | 11.03 | 15.19 | 15.73 | 13.85 | 12.38 x 10.50 |
| 359mm | 312mm | 156mm | 142mm | 311mm | 260mm | 324mm | 276mm |
| AM1648TW | 16.27 | 14.40 | 8.13 | 7.58 | 14.45 | 12.25 | 14.75 | 12.88 | PL164 PLA164 | 13.01 | 17.19 | 17.87 | 15.99 | 13.00 x 11.00 |
| 413mm | 366mm | 207mm | 192mm | 362mm | 311mm | 375mm | 327mm |
| 467mm | 417mm | 297mm | 192mm | 431mm | 362mm | 429mm | 378mm |
| AM2068TW | 20.00 | 16.00 | 8.13 | 7.58 | 17.81 | 13.81 | 18.44 | 14.44 | P206 PA206 | 14.54 | 20.84 | 21.59 | 17.59 | 15.00 x 11.00 |

All dimensions are in inches unless otherwise noted.
Enclosure base part numbers come standard with 4 separately bagged feet (ex. AM664TW)
Additional back panels found on page 128.

Note: Cover removed for clarity.

Nominal 1/8” (3mm) wall thickness.

LATCH LOCATIONS

FOR USE ON:
- 6x6x4
- 8x6x4
- 10x6x4,6

FOR USE ON:
- 12x10x6 D=8.00 (203 mm)
- 12x12x6 D=8.00 (203 mm)
- 14x12x6 D=8.54 (217 mm)
- 16x14x6 D=8.54 (217 mm)
- 18x16x6 D=8.50 (165 mm)
- 20x16x6 D=10.52 (267 mm)

Data subject to change without notice.