The AM-R Series offers the same sizes and options as our AM series, with the added feature of a raised cover. The cover adds an additional 1-3/4" of depth to accommodate switches and other devices, and can be used with an optional hinged front panel (HFP) for maximum configuration flexibility within a single enclosure.

AM-R Series enclosures insulate and protect controls and components in both indoor and outdoor applications, including high temperature and/or corrosive environments. They are available in standard JIC sizes with a variety of latching options for any application.
AM-R 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 raised cover
- 316 stainless steel hardware and mounting feet
- Mounting panel inserts for optional back panel
- UV stabilized for outdoor use

AM-R 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
- Optional hinged front panels
- 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-R Series

AM-R SERIES FIBERGLASS ENCLOSURES

JIC SIZE JUNCTION BOXES

Cover Type
Raised Solid/Opaque

Latching Option
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

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 IP68 submersible up to 24 hours at a depth of 6 feet (1.8 meters)
  - RoHS directive

Construction
- Strong, molded ULTRAGUARD® fiberglass reinforced polyester material construction with matching raised 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

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

1. **AM664R**
   - Box Size: 6.10 x 6.10
   - Usable Depth: 4.18
   - Panel Boss Centers: S, Z
   - Panel Sizes: Ht. 4.81, Wid. 4.81
   - Foot Mount Centers: P/N PL66, PLA66
   - Cover Size: H 5.01, L 7.32, K 6.08, M 6.08, U 7.69, W 7.69

2. **AM864R**
   - Box Size: 8.00 x 6.13
   - Usable Depth: 4.14
   - Panel Boss Centers: S, Z
   - Panel Sizes: Ht. 6.75, Wid. 6.88
   - Foot Mount Centers: P/N PL86, PLA86
   - Cover Size: H 5.02, L 9.20, K 7.71, M 7.98, U 9.59, W 7.71

3. **AM1084R**
   - Box Size: 10.14 x 8.26
   - Usable Depth: 4.13
   - Panel Boss Centers: S, Z
   - Panel Sizes: Ht. 8.75, Wid. 6.88
   - Foot Mount Centers: P/N PL108, PLA108
   - Cover Size: H 7.01, L 11.19, K 8.29, M 10.16, U 11.73, W 9.90

4. **AM1086R**
   - Box Size: 10.14 x 8.26
   - Usable Depth: 4.13
   - Panel Boss Centers: S, Z
   - Panel Sizes: Ht. 8.75, Wid. 6.88
   - Foot Mount Centers: P/N PL108, PLA108
   - Cover Size: H 7.01, L 11.19, K 8.29, M 10.16, U 11.73, W 9.95

5. **AM1206R**
   - Box Size: 12.14 x 10.26
   - Usable Depth: 6.13
   - Panel Boss Centers: S, Z
   - Panel Sizes: Ht. 10.75, Wid. 8.88
   - Foot Mount Centers: P/N PL120, PLA120
   - Cover Size: H 9.01, L 13.19, K 10.29, M 12.16, U 13.73, W 11.85

6. **AM1224R**
   - Box Size: 12.14 x 12.14
   - Usable Depth: 4.13
   - Panel Boss Centers: S, Z
   - Panel Sizes: Ht. 10.75, Wid. 10.75
   - Foot Mount Centers: P/N PL122, PLA122
   - Cover Size: H 11.01, L 13.32, K 12.16, M 12.16, U 13.72, W 13.72

7. **AM1226R**
   - Box Size: 12.14 x 12.14
   - Usable Depth: 6.13
   - Panel Boss Centers: S, Z
   - Panel Sizes: Ht. 10.75, Wid. 10.75
   - Foot Mount Centers: P/N PL122, PLA122
   - Cover Size: H 11.01, L 13.32, K 12.16, M 12.16, U 13.72, W 13.72

8. **AM1426R**
   - Box Size: 14.14 x 12.26
   - Usable Depth: 6.13
   - Panel Boss Centers: S, Z
   - Panel Sizes: Ht. 12.75, Wid. 10.88
   - Foot Mount Centers: P/N PL142, PLA142
   - Cover Size: H 11.03, L 15.19, K 12.29, M 14.16, U 15.73, W 13.85

9. **AM1648R**
   - Box Size: 16.27 x 14.40
   - Usable Depth: 8.13
   - Panel Boss Centers: S, Z
   - Panel Sizes: Ht. 14.75, Wid. 12.88
   - Foot Mount Centers: P/N PA164, PLA164
   - Cover Size: H 13.01, L 17.19, K 13.70, M 15.57, U 17.87, W 15.99

10. **AM1886R**
    - Box Size: 18.40 x 16.40
    - Usable Depth: 8.13
    - Panel Boss Centers: S, Z
    - Panel Sizes: Ht. 16.88, Wid. 14.44
    - Foot Mount Centers: P/N PA186, PLA186
    - Cover Size: H 14.97, L 19.28, K 15.70, M 17.70, U 20.00, W 18.00

11. **AM2068R**
    - Box Size: 20.00 x 16.00
    - Usable Depth: 8.13
    - Panel Boss Centers: S, Z
    - Panel Sizes: Ht. 18.44, Wid. 14.44
    - Foot Mount Centers: P/N PA206, PLA206
    - Cover Size: H 14.54, L 20.84, K 15.27, M 19.27, U 21.59, W 17.59

### Additional Information
- **Nominal 1/8" (3mm) wall thickness**
- 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. AM664R).
- Additional back panels found on page 128.
- Data subject to change without notice.
AM-R SERIES FIBERGLASS ENCLOSURES

AM-R Series
JIC SIZE JUNCTION BOXES

Cover Type
Raised 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 raised 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 and hinged front panels
- Custom holes and cutouts
- Molded-in color matching
- EMI/RFI shielding
- Factory-supplied silk screening
### AM-R SERIES

**Note:** Cover removed for clarity

Nominal 1/8” (3mm) wall thickness

All dimensions are in inches unless otherwise noted

Enclosure base part numbers come standard with 4 separately bagged feet (ex. AM664RW)

Additional back panels found on page 128

Data subject to change without notice

---

<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>
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P: 1.800.722.2679 | sales@alliedmoulded.com | www.AlliedMoulded.com
AM-R SERIES FIBERGLASS ENCLOSURES

AM-R Series
JIC SIZE JUNCTION BOXES

Cover Type
Raised 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 raised 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 and hinged front 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
Enclosure base part numbers come standard with 4 separately bagged feet (ex. AM664RH)

All dimensions are in inches unless otherwise noted

<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>
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Note: Cover removed for clarity

Nominal 1/8” (3mm) wall thickness

Data subject to change without notice
AM-R SERIES FIBERGLASS ENCLOSURES

AM-R Series
JIC SIZE JUNCTION BOXES

Cover Type
Raised 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

Construction
- Strong, molded ULTRAGUARD® fiberglass reinforced polyester material construction with matching raised 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

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 and hinged front panels
- Custom holes and cutouts
- Hinge installed on short side
- Molded-in color matching
- EMI/RFI shielding
- Factory-supplied silk screening
### AM-R Series Enclosures

#### Part Numbers

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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>
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**Note:** Cover removed for clarity

Nominal 1/8" (3mm) wall thickness

All dimensions are in inches unless otherwise noted.

Enclosure base part numbers come standard with 4 separately bagged feet (ex. AM664RHW)

Additional back panels found on page 128.

Data subject to change without notice.

---

**Additional Back Panels**: Found on page 128.

**Enclosure Base Part Numbers**: Come standard with 4 separately bagged feet (ex. AM664RHW).

All dimensions are in inches unless otherwise noted.

Enclosure base part numbers come standard with 4 separately bagged feet (ex. AM664RHW)

Additional back panels found on page 128.

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

Cover Type
Raised Solid/Opaque

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

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 raised 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 and hinged front 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
AM-R SERIES

LATCH LOCATIONS

FOR USE ON:
- 6x6x4
- 8x6x4
- 10x8x4.6
- 12x12x4.6
- 12x12x4.6
- 16x14x8
- 18x16x8
- 20x16x8

FOR USE ON:
- 12x10x6 D=8.00 (203 mm)
- 18x16x6 D=8.50 (203 mm)
- 16x14x8 D=8.61 (219 mm)
- 20x16x6 D=10.52 (267 mm)

Nominal 1/8" (3mm) wall thickness

Note: Cover removed for clarity

<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>
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<td>50.8mm</td>
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<td>362mm</td>
<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. AM646RL)
Additional back panels found on page 128

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

Cover Type
Raised 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 raised 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 and hinged front 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:

<table>
<thead>
<tr>
<th>Width</th>
<th>Depth</th>
<th>Height</th>
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<td>D=8.00 (203 mm)</td>
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<tr>
<td>8x6x4</td>
<td>12x12x4.6</td>
<td>D=8.00 (203 mm)</td>
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<tr>
<td>10x8x4.6</td>
<td>14x12x6</td>
<td>D=8.50 (165 mm)</td>
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</table>

Data subject to change without notice

All dimensions are in inches unless otherwise noted
Enclosure base part numbers come standard with 4 separately bagged feet (ex. AM664RLW)
Additional back panels found on page 128
AM-R Series
JIC SIZE JUNCTION BOXES

Cover Type
Raised Solid/Opaque

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

- 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 raised 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

Accessories & Modifications
- Optional back panels and hinged front 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
### AM-R Series

#### Standards
- Polyline®
- Ultraguard®
- Fiberglass

#### Series
- AM Series
- AM-R
- Control
- Ultraguard®
- Fiberglass
- Polyligne®
- Empire
- Accessory
- Technical
- Index
- AMHD-R
- Mods

**Latch Locations**

For use on:
- 6x6x4
- 8x6x4
- 10x6x4, 6

For use on:
- 12x10x6 D=8.00 (203 mm)
- 12x12x4, 6 D=8.00 (203 mm)
- 14x12x6 D=8.54 (217 mm)
- 20x16x8 D=10.52 (267 mm)

**Nominal 1/8” (3mm) wall thickness**

Note: Cover removed for clarity

**Nominal 1/8” (3mm) wall thickness**

Data subject to change without notice

Enclosure base part numbers come standard with 4 separately bagged feet (ex. AM664RT)

Additional back panels found on page 128

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### Part Numbers

<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>
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</thead>
<tbody>
<tr>
<td></td>
<td>A</td>
<td>B</td>
<td>C</td>
<td>F</td>
<td>S</td>
<td>Z</td>
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</table>

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

Cover Type
Raised Solid/Opaque

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

- 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 raised 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 and hinged front panels
- Custom holes and cutouts
- Hinge installed on short side
- Molded-in color matching
- EMI/RFI shielding
- Factory-supplied silk screening
### Table: Panel Sizes and Foot Mount Centers

<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>Window Dimension (Height x Width)</th>
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</thead>
<tbody>
<tr>
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<td>C</td>
<td>F</td>
<td>S</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. AM664RTW). Additional back panels found on page 128.

Data subject to change without notice.
AMHD-R Series
HEAVY DUTY
SOLAR BATTERY BOX

Cover Type
Raised Solid/Opaque

Closure Type
Snap Latch Hinged Cover

Application
Designed to insulate and house solar storage batteries for various telemetry applications in outdoor locations
- Especially well suited for high temperature or corrosive environments
- Protects from dirt, dust, oil and water

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 raised cover
- 316 stainless steel snap latches feature padlock hasp (.375" dia.)
- Formed-In-Place (FIP) polyurethane gasket system encased in continuous channel
- Polycarbonate flanges installed with (4) 316 series stainless steel screws
- #10-32 threaded brass inserts are installed for optional back panel
- ULTRAGUARD® fiberglass material is easily punched, drilled, or sawed
- UV stabilized for outdoor use

Accessories & Modifications
- Optional back panels
- Pole mount kits available
- Custom holes and cutouts
- Custom size polycarbonate viewing windows
- Molded-in color matching
- EMI/RFI shielding
- Factory-supplied silk screening
### LATCH LOCATIONS

- **Dimensions:** 6.50 in (165 mm)

### Table: Part No. and Dimensions

<table>
<thead>
<tr>
<th>Part No.</th>
<th>Box Size A</th>
<th>Usable Depth B</th>
<th>Panel Boss Centers C</th>
<th>Panel Sizes D</th>
<th>Flange Mount Centers E</th>
<th>Cover Size F</th>
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</thead>
<tbody>
<tr>
<td></td>
<td>485mm</td>
<td>412mm</td>
<td>257mm</td>
<td>280mm</td>
<td>413mm</td>
<td>362mm</td>
</tr>
</tbody>
</table>

All dimensions are in inches unless otherwise noted.

Additional back panels found on page 128.

Data subject to change without notice.