AM & AM-R Enclosures

New 12"x12"x4" and 12"x12"x6" Size Options!

Base P/N AM1224, AM1226

AM and AM-R 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 both flat and raised covers with a variety of latching options that allow you to provide the level of security and ease of access needed for each application.

Expanding the series are the new 12"x12"x4" and 12"x12"x6" size options. The new sizes allow for increased space for electrical components, while boasting a variety of features and benefits including a formed-in-place gasket, 316 stainless steel hardware and mounting feet, and our UV stabilized ULTRAGUARD® material formulation!

APPLICATION

- Designed to insulate and protect controls and components in both indoor and outdoor applications often found in oil refineries, waste water treatment equipment, and chemical plants
- Light weight, impact resistant and good corrosion resistance for many industrial enclosure applications and a great alternative to metallic enclosures
- 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 screw cover models), 12 and 13
- CSA C22.2 No. 94 Types 1, 2, 3, 3R, 4, 4X (6P for screw cover models), 12 and 13
- Complies with
  - NEMA Types 1, 2, 3, 3R, 4, 4X, 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

CONSTRUCTION

- Strong, molded ULTRAGUARD® fiberglass reinforced polyester SMC material construction with matching flat / raised cover
- Standard window size covers available
- 316 stainless steel cover latching options; screws, snap & twist latches
- 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
- ULTRAGUARD® fiberglass material is easily punched, drilled, or sawed
- UV stabilized for outdoor use

ACCESSORIES

- Back panel kits
  - Painted Carbon Steel, Aluminum, Fiberglass, Galvannealed Steel
- Hinged front panel kits
  - Aluminum, P/N HFPP122
- ULTRAPLUG® hole plug assemblies
- Pole mount kits
- HMI cover kits
- Inspection windows

MODIFICATIONS

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

Contact factory for additional modification options.

CONTACT INFORMATION

Allied Moulded Products Inc.
222 North Union Street
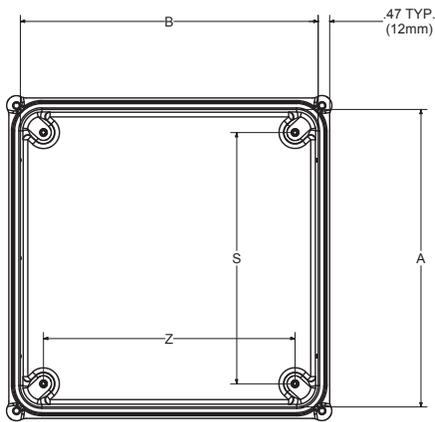Bryan, OH 43506 USA

Phone: 1-800-722-2679
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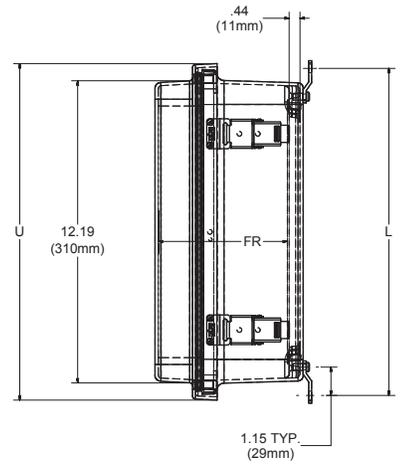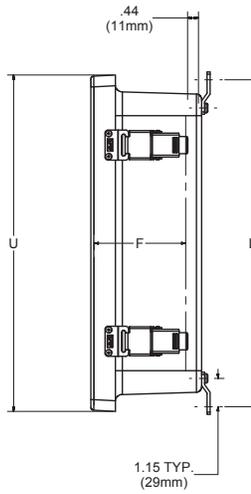**Email: sales@alliedmoulded.com**

Scan to learn more

NOTE: COVER REMOVED FOR CLARITY

B
.47 TYP. (12mm)
S
A
Z

.44 (11mm)
U
F
L
1.15 TYP. (29mm)

.44 (11mm)
U
12.19 (310mm)
FR
L
1.15 TYP. (29mm)

RAISED COVER

LATCH LOCATIONS

FOR USE ON
12 x 12 x 4(6) D=8.0 (203mm)

W
1.00 (25mm)
C
H

D

1.53 (39mm)
W
12.19 (310mm)
1.78 (45mm)
C
H
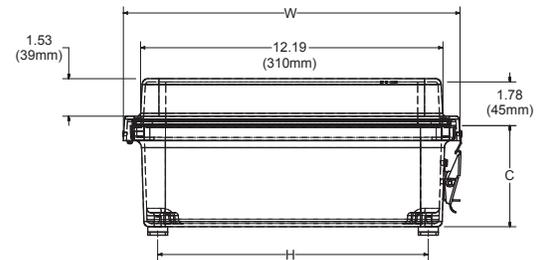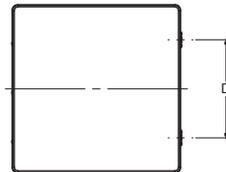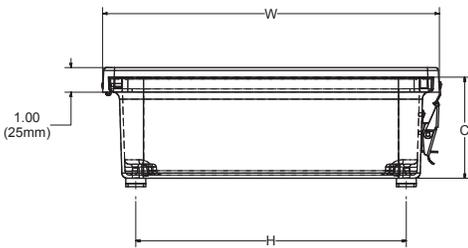
RAISED COVER

Part No. Configuration Options

Part No. Suffix	Description
(R) N/A	(Raised) Cover / 4 Screws
(R) W	(Raised) Cover with Window / 4 Screws
(R) H	(Raised) Hinge Cover / 2 Screws
(R) HW	(Raised) Hinge Cover with Window / 2 Screws
(R) L	(Raised) Hinge Cover / Snap Latch
(R) LW	(Raised) Hinge Cover with Window / Snap Latch
(R) T	(Raised) Hinge Cover / Twist Latch
(R) TW	(Raised) Hinge Cover with Window / Twist Latch

Add the "Part No. Suffix" to the base part number below to create a complete enclosure (ex. AM1224HW is a 12"x12"x4" with a hinged cover and window)

Add an "R" after the base part number to create a complete enclosure with a raised cover (ex. AM1226RTW is a 12"x12"x6" with a raised cover, twist latch and window)

Base Part No.	Box Size			Usable Depth		Panel Boss Centers		Panel Sizes			Foot Mount Centers		Cover Size		Window Dimension (Height x Width)
	A	B	C	F	FR	S	Z	Ht.	Wid.	P/N	H	L	U	W	
AM1224( )	12.14	12.14	4.13	3.73	5.26	10.25	10.25	10.75	10.75	PL122 PLA122	11.01	13.32	13.72	13.72	N/A
	308mm	308mm	105mm	95mm	134mm	260mm	260mm	273mm	273mm		280mm	338mm	348mm	348mm	N/A
AM1226( )	12.14	12.14	6.13	5.73	7.26	10.25	10.25	10.75	10.75	PL122 PLA122	11.01	13.32	13.72	13.72	N/A
	308mm	308mm	156mm	145mm	184mm	260mm	260mm	273mm	273mm		280mm	338mm	348mm	348mm	N/A
AM1224W( )	12.14	12.14	4.13	3.62	5.15	10.25	10.25	10.75	10.75	PL122 PLA122	11.01	13.32	13.72	13.72	10.38 x 10.38
	308mm	308mm	105mm	92mm	131mm	260mm	260mm	273mm	273mm		280mm	338mm	348mm	348mm	264mm x 264mm
AM1226W( )	12.14	12.14	6.13	5.62	7.15	10.25	10.25	10.75	10.75	PL122 PLA122	11.01	13.32	13.72	13.72	10.38 x 10.38
	308mm	308mm	156mm	143mm	182mm	260mm	260mm	273mm	273mm		280mm	338mm	348mm	348mm	264mm x 264mm

All dimensions are in inches unless otherwise noted
Enclosure base part numbers come standard with 4 separately bagged feet (ex. AM1224)

Data subject to change without notice

Order Today! ☎ Phone: 1-800-722-2679 📠 Fax: 1-800-237-7269 ✉ Email: sales@alliedmoulded.com