

The larger Control Series offers standard features as well as full-panel access and all usable panel space. In addition, the standard gray cover is available with or without a polycarbonate viewing window. Other options include removable aluminum hinged front panel and back panels.

Control Series enclosures insulate and protect controls and components against the toughest elements in the harshest environments. They are available in popular larger sizes and depths, along with standard stainless steel hinges and latches.



Scan to learn more



Control Series Features & Benefits

- Molded ULTRAGUARD® fiberglass reinforced polyester material construction for durability
- One-piece body construction provides added dimensional stability
- (2) 316 stainless steel hinges
- 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

Control 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
- Aluminum hinged front panel for configuration flexibility
- 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
- 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

FIBERGLASS ENCLOSURES

Cover Type

Raised Solid/Opaque

Closure Type

Snap 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

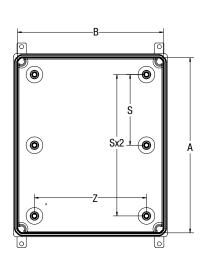
Standards

- UL 50 and UL 50E Types 1, 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

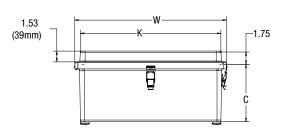
Construction

- Strong, molded ULTRAGUARD® fiberglass reinforced polyester material construction with matching raised cover
- Light gray color (RAL 7035)
- 316 stainless steel snap latches feature padlock hasp (.375" dia.)
- (2) 316 stainless steel hinges
- Formed-In-Place (FIP) polyurethane gasket system encased in continuous channel
- 316 stainless steel wall mounting feet with 3/8-16 stainless steel screws included
- 3/8-16 threaded brass inserts are installed for back panel mounting
- UV stabilized for outdoor use

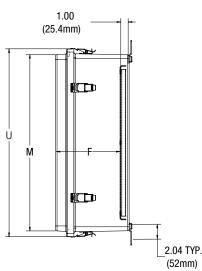
- Optional back panels and hinged front panels
- Custom holes and cutouts
- Custom size polycarbonate viewing windows
- Molded-in color matching
- EMI/RFI Shielding
- · Factory-supplied silk screening

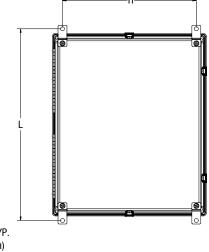


NOTE: COVER REMOVED FOR CLARITY

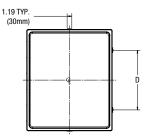


NOMINAL 1/8" (3mm) WALL THICKNESS





LATCH LOCATIONS



FOR USE ON: 24x20x8 D=15.00 (406 mm) 24x24x8 D=15.00 (406 mm) 30x24x8 D=19.98 (507 mm)

FOR USE ON: 24x20x10 D=15.00 (406 mm) 24x24x10 D=15.00 (406 mm) 30x24x10 D=19.98 (507 mm)

	Control Series Latching Options												
Base Part #	Part No. Suffix	Description											
	L	316 Stainless Steel Snap Latch											
See Chart	3PT	316 Stainless Steel 3-Point Handle											
Below	QT	Basic Slotted 1/4 Turn 316 Stainless Steel											
	*Special Order	Basic Slotted 1/4 Turn (Keylock) 316 Stainless Steel											

Add the "Part No. Suffix" to the base part number to create a complete enclosure option. (ex AM24208RQT is a 24"x20"x8" enclosure with a basic slotted 1/4 turn latch)

*Available for special order only. | Visit our website to view and download all closure option drawings.

Part No.	į	Box Siz	е	Usable Depth	Panel Cen		P	Panel Sizes		Foot Mount Centers		Cover Size				
	A	В	C	F	S	Z	Ht.	Wid.	P/N	Н	L	K	M	U	W	
AM24208R	24.00	20.00	8.13	8.67	9.63	15.25	21.00	17.00	P2420	18.75	26.85	20.16	24.16	25.59	21.59	
AIVIZ4ZUON	610mm	508mm	207mm	220mm	244mm	387mm	533mm	432mm	PA2420	476mm	682mm	512mm	614mm	650mm	548mm	
AM24248R	24.00	24.00	8.13	8.65	9.63	19.25	21.00	21.00	P2424	22.75	26.85	24.16	24.16	25.59	25.59	
AIVIZ4Z40N	610mm	610mm	207mm	220mm	244mm	489mm	533mm	533mm	PA2424	578mm	682mm	614mm	614mm	650mm	650mm	
AM30248R	30.00	24.00	8.13	8.65	12.63	19.25	27.00	21.00	P3024	22.75	32.85	24.16	30.16	31.59	25.59	
AIVIOUZ40N	762mm	610mm	207mm	220mm	321mm	489mm	686mm	533mm	PA3024	578mm	834mm	614mm	766mm	802mm	650mm	
AM24200R	24.00	20.00	10.13	10.65	9.63	15.25	21.00	17.00	P2420	18.75	26.85	20.16	24.16	25.59	21.59	
AIVIZ4ZUUK	610mm	508mm	257mm	271mm	244mm	387mm	533mm	432mm	PA2420	476mm	682mm	512mm	614mm	650mm	548mm	
AM04040D	24.00	24.00	10.13	10.65	9.63	19.25	21.00	21.00	P2424	22.75	26.85	24.16	24.16	25.59	25.59	
AM24240R	610mm	610mm	257mm	271mm	244mm	489mm	533mm	533mm	PA2424	578mm	682mm	614mm	614mm	650mm	650mm	
AM20040D	30.00	24.00	10.13	10.65	12.63	19.25	27.00	21.00	P3024	22.75	32.85	24.16	30.16	31.59	25.59	
AM30240R	762mm	610mm	257mm	271mm	321mm	489mm	686mm	533mm	PA3024	578mm	834mm	614mm	766mm	802mm	650mm	

All dimensions are in inches unless otherwise noted

Data subject to change without notice

Enclosure base part numbers come standard with 4 separately bagged feet (ex. AM24208RL)

Additional back panels found on page 128









FIBERGLASS ENCLOSURES

Cover Type

Raised Viewing Window

Closure Type

Snap 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

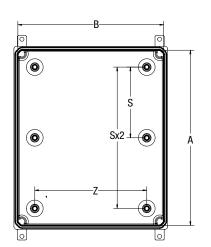
Construction

- Strong, molded ULTRAGUARD® fiberglass reinforced polyester material construction with matching raised cover
- UV resistant polycarbonate viewing window
- Light gray color (RAL 7035)
- 316 stainless steel snap latches feature padlock hasp (.375" dia.)
- (2) 316 stainless steel hinges
- Formed-In-Place (FIP) polyurethane gasket system encased in continuous channel
- 316 stainless steel wall mounting feet with 3/8-16 stainless steel screws included
- 3/8-16 threaded brass inserts are installed for back panel mounting
- UV stabilized for outdoor use

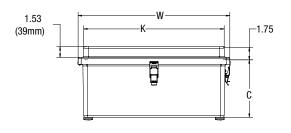
- Optional back panels and hinged front panels
- · Custom holes and cutouts
- Molded-in color matching
- EMI/RFI Shielding
- · Factory-supplied silk screening

AM-R

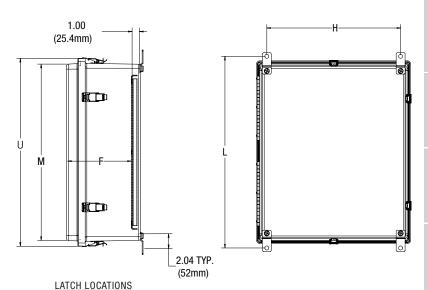




NOTE: COVER REMOVED FOR CLARITY



NOMINAL 1/8" (3mm) WALL THICKNESS



1.19 TYP. (30mm)

FOR USE ON: 24x20x8 D=15.00 (406 mm) 24x24x8 D=15.00 (406 mm) 30x24x8 D=19.98 (507 mm)

FOR USE ON: 24x20x10 D=15.00 (406 mm) 24x24x10 D=15.00 (406 mm) 30x24x10 D=19.98 (507 mm)

Control Series Latching Options											
Notes	Latching Option Description										
Available for special order only.	316 Stainless Steel 3-Point Handle										
Contact the manufacturer for additional details. Visit our website to view and	Basic Slotted 1/4 Turn 316 Stainless Steel										
download all closure option drawings.	Basic Slotted 1/4 Turn (Keylock) 316 Stainless Steel										

Part No.	Box Size			Usable Depth	Panel Cen		P	anel Siz	es	Foot Mount Centers			Cove	Window Dimension			
	A	В	C	F	S	Z	Ht.	Wid.	P/N	Н	L	K	M	U	W	(Height x Width)	
AM24208RLW	24.00	20.00	8.13	8.59	9.63	15.25	21.00	17.00	P2420	18.75	26.85	20.16	24.16	25.59	21.59	16.00 x 12.00	
AIVIZ4ZUONLVV	610mm	508mm	207mm	218mm	244mm	387mm	533mm	432mm	PA2420	476mm	682mm	512mm	614mm	650mm	548mm	406mm x 305mm	
AM24248RLW	24.00	24.00	8.13	8.53	9.63	19.25	21.00	21.00	P2424	22.75	26.85	24.16	24.16	25.59	25.59	16.00 x 16.00	
AIVI24240NLVV	610mm	610mm	207mm	217mm	244mm	489mm	533mm	533mm	PA2424	578mm	682mm	614mm	614mm	650mm	0mm 650mm 406mm x 406		
AA400040DUW	30.00	24.00	8.13	8.54	12.63	19.25	27.00	21.00	P3024	22.75	32.85	24.16	30.16	31.59	25.59	23.00 x 17.00	
AM30248RLW	762mm	610mm	207mm	217mm	321mm	489mm	686mm	533mm	PA3024	578mm	834mm	614mm	766mm	802mm	650mm	584mm x 432mm	
AM04000DLW/	24.00	20.00	10.13	10.54	9.63	15.25	21.00	17.00	P2420	18.75	26.85	20.16	24.16	25.59	21.59	16.00 x 12.00	
AM24200RLW	610mm	508mm	257mm	268mm	244mm	387mm	533mm	432mm	PA2420	476mm	682mm	512mm	614mm	650mm	548mm	406mm x 305mm	
AMO4040DLW	24.00	24.00	10.13	10.54	9.63	19.25	21.00	21.00	P2424	22.75	26.85	24.16	24.16	25.59	25.59	16.00 x 16.00	
AM24240RLW	610mm	n 610mm 257mm 268mm 244mm 489mm 533mm 533mm	PA2424	578mm	682mm	614mm	614mm	650mm	650mm	406mm x 406mm							
AM20040DLW	30.00	24.00	10.13	10.54	12.63	19.25	27.00	21.00	P3024	22.75	32.85	24.16	30.16	31.59	25.59	23.00 x 17.00	
AM30240RLW	762mm	610mm	257mm	268mm	321mm	489mm	686mm	533mm	PA3024	578mm	834mm	614mm	766mm	802mm	650mm	584mm x 432mm	

All dimensions are in inches unless otherwise noted Enclosure base part numbers come standard with 4 separately bagged feet (ex. AM24208RLW) Additional back panels found on page 128

Data subject to change without notice









FIBERGLASS ENCLOSURES

Cover Type

Raised 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

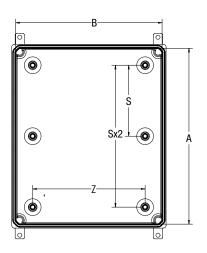
Standards

- UL 50 and UL 50E Types 1, 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
- Light gray color (RAL 7035)
- 316 stainless steel twist latches feature padlock hasp (.375" dia.)
- (2) 316 stainless steel hinges
- Formed-In-Place (FIP) polyurethane gasket system encased in continuous channel
- 316 stainless steel wall mounting feet with 3/8-16 stainless steel screws included
- 3/8-16 threaded brass inserts are installed for back panel mounting
- UV stabilized for outdoor use

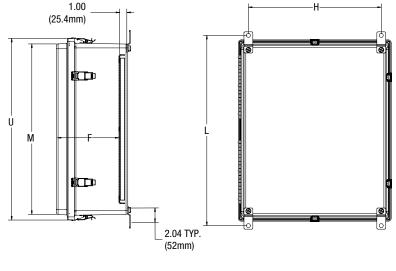
- Optional back panels and hinged front panels
- Custom holes and cutouts
- Custom size polycarbonate viewing windows
- Molded-in color matching
- EMI/RFI Shielding
- · Factory-supplied silk screening



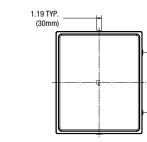
NOTE: COVER REMOVED FOR CLARITY

1.53

(39mm)



LATCH LOCATIONS



FOR USE ON: 24x20x8 D=15.00 (406 mm)

30x24x8 D=19.98 (507 mm)

FOR USE ON: 24x20x10 D=15.00 (406 mm) 24x24x8 D=15.00 (406 mm) 24x24x10 D=15.00 (406 mm)

30x24x10 D=19.98 (507 mm)

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NOMINAL 1/8" (3mm) WALL THICKNESS

Control Series Latching Options Base Part # Part No. Suffix **Description** 316 Stainless Steel Twist Latch 3РТ 316 Stainless Steel 3-Point Handle See Chart Below QT Basic Slotted 1/4 Turn 316 Stainless Steel *Special Order Basic Slotted 1/4 Turn (Keylock) 316 Stainless Steel

1.75

(ex AM24208RQT is a 24"x20"x8" enclosure with a basic slotted 1/4 turn latch)

Add the "Part No. Suffix" to the

base part number to create a complete enclosure option.

*Available for special order only. | Visit our website to view and download all closure option drawings.

Part No.	ß	Box Siz	е	Usable Depth	Panel Cen		P	anel Siz	es	Foot N Cen			Cove	r Size	
	A	В	C	F	S	Z	Ht.	Wid.	P/N	Н	L	K	M	U	W
AM24208R	24.00	20.00	8.13	8.67	9.63	15.25	21.00	17.00	P2420	18.75	26.85	20.16	24.16	25.59	21.59
AIVI24200N	610mm	508mm	207mm	220mm	244mm	387mm	533mm	432mm	PA2420	476mm	682mm	512mm	614mm	650mm	548mm
AM24248R	24.00	24.00	8.13	8.65	9.63	19.25	21.00	21.00	P2424	22.75	26.85	24.16	24.16	25.59	25.59
AIVIZ4Z40N	610mm	610mm	207mm	220mm	244mm	489mm	533mm	533mm	PA2424	578mm	682mm	614mm	614mm	650mm	650mm
******	30.00	24.00	8.13	8.65	12.63	19.25	27.00	21.00	P3024	22.75	32.85	24.16	30.16	31.59	25.59
AM30248R	762mm	610mm	207mm	220mm	321mm	489mm	686mm	533mm	PA3024	578mm	834mm	614mm	766mm	802mm	650mm
AM24200R	24.00	20.00	10.13	10.65	9.63	15.25	21.00	17.00	P2420	18.75	26.85	20.16	24.16	25.59	21.59
AIVIZ4ZUUR	610mm	508mm	257mm	271mm	244mm	387mm	533mm	432mm	PA2420	476mm	682mm	512mm	614mm	650mm	548mm
AM04040D	24.00	24.00	10.13	10.65	9.63	19.25	21.00	21.00	P2424	22.75	26.85	24.16	24.16	25.59	25.59
AM24240R	610mm	610mm	257mm	271mm	244mm	489mm	533mm	533mm	PA2424	578mm	682mm	614mm	614mm	650mm	650mm
AM30240R	30.00	24.00	10.13	10.65	12.63	19.25	27.00	21.00	P3024	22.75	32.85	24.16	30.16	31.59	25.59
AIVIOUZ4UR	762mm	610mm	257mm	271mm	321mm	489mm	686mm	533mm	PA3024	578mm	834mm	614mm	766mm	802mm	650mm

All dimensions are in inches unless otherwise noted

Data subject to change without notice

Enclosure base part numbers come standard with 4 separately bagged feet (ex. AM24208RT)

Additional back panels found on page 128







FIBERGLASS ENCLOSURES

Cover Type

Raised Viewing Window

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
- Window unit provides viewing area for instrumentation or equipment

Standards

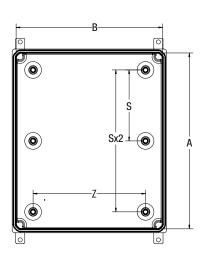
- UL 50 and UL 50E Types 1, 2, 3, 3R, 4, 4X, 12 and 13
- CSA C22.2 No. 94 Types 1, 2, 3, 3R, 4, 4X, 12 and 13
- · Complies with:
 - NEMA Types 1, 2, 3, 3R, 4, 4X, 12 and 13
 - IEC 60529 Type IP66
 - RoHS directive

Construction

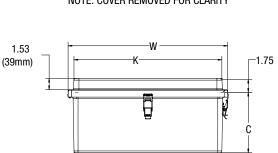
- · Strong, molded ULTRAGUARD® fiberglass reinforced polyester material construction with matching raised cover
- UV resistant polycarbonate viewing window
- Light gray color (RAL 7035)
- 316 stainless steel twist latches feature padlock hasp (.375" dia.)
- (2) 316 stainless steel hinges
- Formed-In-Place (FIP) polyurethane gasket system encased in continuous channel
- 316 stainless steel wall mounting feet with 3/8-16 stainless steel screws included
- 3/8-16 threaded brass inserts are installed for back panel mounting
- UV stabilized for outdoor use

- Optional back panels and hinged front panels
- · Custom holes and cutouts
- Molded-in color matching
- EMI/RFI Shielding
- · Factory-supplied silk screening

AM-R

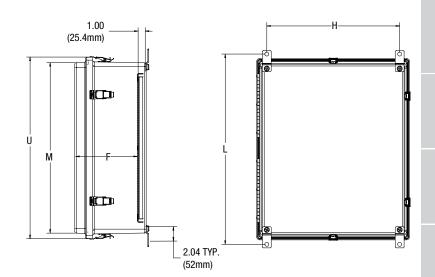


NOTE: COVER REMOVED FOR CLARITY

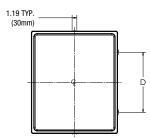


NOMINAL 1/8" (3mm) WALL THICKNESS

download all closure option drawings.



LATCH LOCATIONS



FOR USE ON: 24x20x8 D=15.00 (406 mm) 24x24x8 D=15.00 (406 mm) 30x24x8 D=19.98 (507 mm)

FOR USE ON: 24x20x10 D=15.00 (406 mm) 24x24x10 D=15.00 (406 mm) 30x24x10 D=19.98 (507 mm)

Control Series Latching Options Notes Latching Option Description Available for special order only. 316 Stainless Steel 3-Point Handle Contact the manufacturer for additional Basic Slotted 1/4 Turn 316 Stainless Steel details. Visit our website to view and

Basic Slotted 1/4 Turn (Keylock) 316 Stainless Steel

Part No.	Box Size			Usable Depth	Panel Boss Centers Panel Siz			Foot Mount Centers				Cove	Window Dimension				
	A	В	C	F	S	Z	Ht.	Wid.	P/N	Н	L	K	M	U	W	(Height x Width)	
AM24208RTW	24.00	20.00	8.13	8.59	9.63	15.25	21.00	17.00	P2420	18.75	26.85	20.16	24.16	25.59	21.59	16.00 x 12.00	
AIVIZ4ZUONTVV	610mm	508mm	207mm	218mm	244mm	387mm	533mm	432mm	PA2420	476mm	682mm	512mm	614mm	650mm	548mm	406mm x 305mm	
AM24248RTW	24.00	24.00	8.13	8.53	9.63	19.25	21.00	21.00	P2424	22.75	26.85	24.16	24.16	25.59	25.59	9 16.00 x 16.00	
AIVIZ4Z40N I VV	610mm	610mm	207mm	217mm	244mm	489mm	533mm	533mm	PA2424	578mm	682mm	614mm	614mm	650mm	650mm	406mm x 406mm	
AM30248RTW	30.00	24.00	8.13	8.54	12.63	19.25	27.00	21.00	P3024	22.75	32.85	24.16	30.16	31.59	25.59	23.00 x 17.00	
AIVI3U246KTW	762mm	610mm	207mm	217mm	321mm	489mm	686mm	533mm	PA3024	578mm	834mm	614mm	766mm	802mm	650mm	584mm x 432mm	
AM24200RTW	24.00	20.00	10.13	10.54	9.63	15.25	21.00	17.00	P2420	18.75	26.85	20.16	24.16	25.59	21.59	16.00 x 12.00	
AIVIZ4ZUUR I W	610mm	508mm	257mm	268mm	244mm	387mm	533mm	432mm	PA2420	476mm	682mm	512mm	614mm	650mm	548mm	406mm x 305mm	
AM24240RTW	24.00	24.00	10.13	10.54	9.63	19.25	21.00	21.00	P2424	22.75	26.85	24.16	24.16	25.59	25.59	16.00 x 16.00	
AIVIZ4Z4UK I W	610mm	610mm	257mm	268mm	244mm	489mm	533mm	533mm	PA2424	578mm	682mm	614mm	614mm	650mm	650mm	406mm x 406mm	
AM30240RTW	30.00	24.00	10.13	10.54	12.63	19.25	27.00	21.00	P3024	22.75	32.85	24.16	30.16	31.59	25.59	23.00 x 17.00	
AIVIOUZ4UR1VV	762mm	610mm	257mm	268mm	321mm	489mm	686mm	533mm	PA3024	578mm	834mm	614mm	766mm	802mm	650mm	584mm x 432mm	

All dimensions are in inches unless otherwise noted Enclosure base part numbers come standard with 4 separately bagged feet (ex. AM24208RTW) Additional back panels found on page 128

Data subject to change without notice











FIBERGLASS ENCLOSURES

Cover Type

Solid/Opaque

Closure Type

3-Point Latching Handle





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

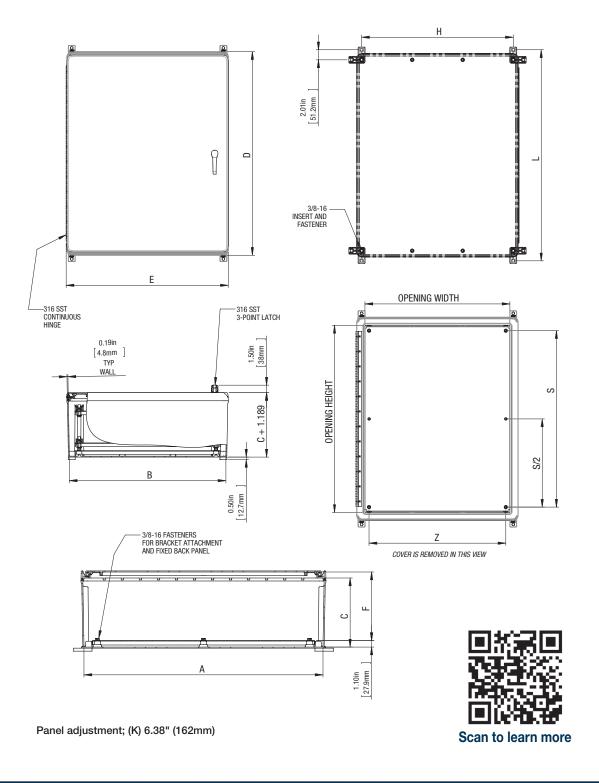
- UL 50 and UL 50E Types 1, 2, 3, 3R, 4, 4X, 12 and 13
- CSA C22.2 No. 94 Types 1, 2, 3, 3R, 4, 4X, 12 and 13
- Complies with:
 - NEMA Types 1, 2, 3, 3R, 4, 4X, 12 and 13
 - IEC 60529 Type IP66
 - RoHS directive

Construction

- Compression molded cover and two piece box from ULTRAGUARD® material in standard light gray RAL 7035 color
- 316 stainless steel 3-point latching handle with padlock provision
- Formed-In-Place (FIP) polyurethane gasket system provides sealing means to meet IP66/NEMA 4X rating
- Rain guard is molded into enclosure box frame top and bottom for additional protection
- · Can easily be reconfigured for RH or LH door opening operation
- Mounting feet are compression molded in fiberglass material with 316 stainless steel mounting screws included
- Brass inserts are installed for mounting feet; feet can be rotated 90° for alternate mounting configurations
- Heavy duty continuous 316 stainless steel hinge

- Optional back panels and hinged front panels
- Custom holes and cutouts
- Custom size polycarbonate viewing windows
- Factory-supplied silk screening





Part No.	В	Box Size			verall Usable Ox Size Depth		Foot Mount Centers		Panel Mount Centers		Enclosure Opening		Panel Sizes			Maximum Window Size	
	A	В	C	D	Ε	F	Н	L	S	Z	Ht.	Wid.	Ht.	Wid.	P/N	Ht.	Wid.
AMXL403212L3PT	39.73	31.23	11.50	40.17	32.34	11.41	42.21	30.25	35.28	27.28	37.42	28.92	37.00	29.00	P4032	-	-
	1009mm	793mm	292mm	1035mm	822mm	290mm	1072mm	970mm	896mm	293mm	951mm	735mm	940mm	737mm	PA4032	-	-

All dimensions are in inches unless otherwise noted

Data subject to change without notice

Enclosure base part numbers come standard with 4 separately bagged feet (ex. AMXL403212L3PT) Additional hardware kit available for adjustable back panel option (AMADJUST-CXL)





