

FIBERGLASS REINFORCED POLYESTER (FRP)

The Superior Enclosure Material

Allied Moulded fiberglass enclosures are fabricated from our own proprietary ULTRAGUARD® formulation. This material provides superior performance and protective properties in a wide variety of environments.

Beyond Meeting Standards to Exceeding Expectations

Of course, Allied Moulded fiberglass enclosures are designed and regularly tested to meet stringent UL® and CSA® specifications, but we don't stop there. Our full line of corrosion-resistant, maintenancefree fiberglass enclosures is designed to provide optimum protection in the harshest environments, from water treatment facilities and irrigation systems to oil refineries and chemical processing plants.



ALTERNATIVES

Fiberglass reinforced polyester (FRP) offers significant benefits over metal enclosures such as carbon and stainless steel.

Compare them and you'll discover that fiberglass reinforced polyester enclosures are:

- Lighter and easier to handle
- Strong enough to hold up under extreme conditions
- Equal to stainless steel in corrosion and chemical resistance, and far better than carbon steel
- Non-conductive—an electrical insulator rather than electrical conductor
- Much easier to punch, drill or saw
- Less expensive to ship

Allied Moulded enclosures also outperform other nonmetallic alternatives in areas such as:

- Chemical resistance
- Protection against degradation due to UV exposure
- Resistance to extreme temperatures
- Flame retardant properties

Take the time to compare the cost, quality and performance of our fiberglass reinforced polyester products and you'll see why we say Allied Moulded has the superior enclosure solutions.

	Performance (Comparison of l	Enclosure Mate	rials	
	Fiberglass	Stainless Steel	Carbon Steel	PVC	Polycarbonate
Corrosive Resistance	Excellent	Excellent	Poor	Excellent	Fair
Chemical Resistance	Excellent	Excellent	Poor	Very Good	Good
Relative Cost	Low	High	Low to Moderate	Low	Low to Moderate
Drilling, Punching & Cutting	Very Easy	Extremely Hard	Hard	Very Easy	Easy
Dielectric Strength	Electrical Insulator	Electrical Conductor	Electrical Conductor	Electrical Insulator	Electrical Insulator
Weight	Light	Heavy	Heavy	Light	Light

INDEX



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.



Scan to learn more







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

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

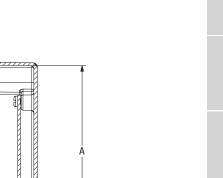
Standards

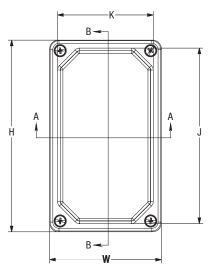
- UL 50 and UL 50E Types 1, 2, 3, 3R, 4, 4X, 12 and 13
- CSA C22.2 No. 94 Types 1, 2, 3, 3R, 4, 4X, 12 and 13
- Complies with:
 - NEMA Types 1, 2, 3, 3R, 4, 4X, 12 and 13
 - IEC 60529 Type IP66
 - RoHS directive

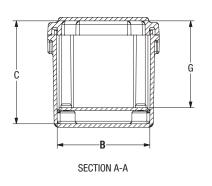
Construction

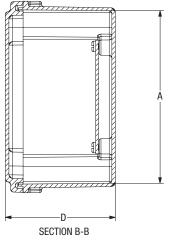
- Rugged, molded ULTRAGUARD® fiberglass reinforced polyester material construction with reinforced corners
- Two sizes: 7"x4"x3" and 9"x4"x3"
- 316 stainless steel captive cover screws
- Formed-In-Place (FIP) polyurethane gasket system encased in continuous channel
- 316 stainless steel wall mounting feet with 10-32 stainless steel screws included
- #10-32 threaded brass inserts for optional back panel installation
- · UV stabilized for outdoor use

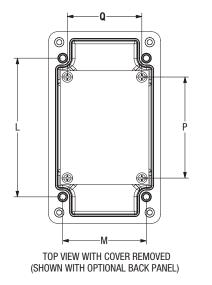
- Optional back panels
- Custom holes & cutouts
- Custom size polycarbonate viewing windows
- Molded-in color matching
- EMI/RFI shielding
- · Factory-supplied silk screening











*Nom. Wall Thickness: .125 (3.2mm)

Dort No.	Overall				Ins	ide		Pa	nel Siz	es						
Part No.	Н	W	D	A	В	C	G	Ht.	Wid.	P/N	J	K	L	M	P	Q
AM740	6.74	3.95	3.88	6.01	3.26	3.63	3.08	4.00	3.13	PA74	6.13	3.31	4.89	2.95	3.56	2.63
AM743	171mm	100mm	98mm	153mm	83mm	92mm	78mm	102mm	80mm	PF74	156mm	84mm	124mm	75mm	90mm	67mm
*AM743SF	6.74	3.95	3.88	6.01	3.26	3.63	3.08	4.00	3.13	PA74	6.13	3.31	4.89	2.95	3.56	2.63
*AIVI/435F	171mm	100mm	98mm	153mm	83mm	92mm	78mm	102mm	80mm	PF74	156mm	84mm	124mm	75mm	90mm	67mm
AM042	8.99	3.93	3.88	8.26	3.26	3.63	3.08	6.25	3.13	PA94	8.31	3.31	7.13	2.94	5.81	2.63
AM943	228mm	100mm	98mm	210mm	83mm	92mm	78mm	159mm	80mm	PF94	211mm	84mm	181mm	75mm	148mm	67mm
******	8.99	3.93	3.88	8.26	3.26	3.63	3.08	6.25	3.13	PA94	8.31	3.31	7.13	2.94	5.81	2.63
*AM943SF	228mm	100mm	98mm	210mm	83mm	92mm	78mm	159mm	80mm	PF94	211mm	84mm	181mm	75mm	148mm	67mm

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







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

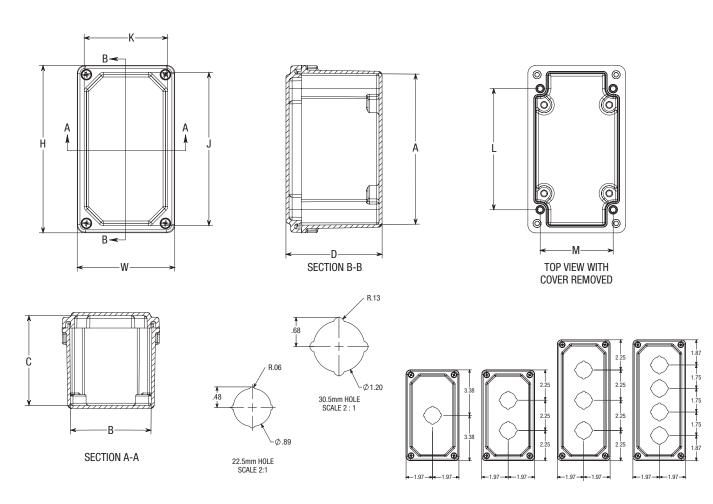
Standards

- 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

- Molded-in color matching
- EMI/RFI shielding
- Factory-supplied silk screening



*Nom. Wall Thickness: .125 (3.2mm)

Doub No.	Overall				Inside							
Part No.	Н	W	D	A	В	C	J	K	L	M	Holes	PB Size
AM1PB	6.74	3.95	3.88	6.01	3.26	3.63	6.13	3.31	4.89	2.95	1	20 E
AWIIPD	171mm	100mm	98mm	153mm	83mm	92mm	156mm	84mm	124mm	75mm	1	30.5mm
AM1PB22	6.74	3.95	3.88	6.01	3.26	3.63	6.13	3.31	4.89	2.95	1	22.5mm
AWITPD22	171mm	100mm	98mm	153mm	83mm	92mm	156mm	84mm	124mm	75mm	1	22.5000
AM2PB	6.74	3.95	3.88	6.01	3.26	3.63	6.13	3.31	4.89	2.95	2	30.5mm
AIVIZFD	171mm	100mm	98mm	153mm	83mm	92mm	156mm	84mm	124mm	75mm	2	30.311111
AM2PB22	6.74	3.95	3.88	6.01	3.26	3.63	6.13	3.31	4.89	2.95	2	22.5mm
AWIZFDZZ	171mm	100mm	98mm	153mm	83mm	92mm	156mm	84mm	124mm	75mm	2	22.511111
AM3PB	8.99	3.93	3.88	8.26	3.26	3.63	8.31	3.31	7.13	2.94	3	30.5mm
AIVIOFD	228mm	100mm	98mm	210mm	83mm	92mm	211mm	84mm	181mm	75mm	3	30.311111
AM3PB22	8.99	3.93	3.88	8.26	3.26	3.63	8.31	3.31	7.13	2.94	3	22.5mm
AWOF B22	228mm	100mm	98mm	210mm	83mm	92mm	211mm	84mm	181mm	75mm	3	22.511111
AM4PB	8.99	3.93	3.88	8.26	3.26	3.63	8.31	3.31	7.13	2.94	4	30.5mm
AIVI+FD	228mm	100mm	98mm	210mm	83mm	92mm	211mm	84mm	181mm	75mm	4	50.511111
AM4PB22	8.99	3.93	3.88	8.26	3.26	3.63	8.31	3.31	7.13	2.94	4	22.5mm
AIVI4PB22	228mm	100mm	98mm	210mm	83mm	92mm	211mm	84mm	181mm	75mm	4	22.JIIIII

All dimensions are in inches unless otherwise noted Note: Mounting feet are not included as standard.

Data subject to change without notice









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

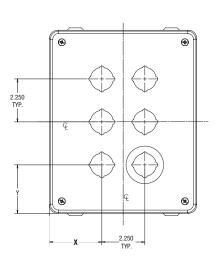
Standards

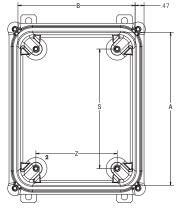
- UL 50 and UL 50E Types 1, 2, 3, 3R, 4, 4X, 12 and 13
- CSA C22.2 No. 94 Types 1, 2, 3, 3R, 4, 4X, 12 and 13
- · Complies with:
 - NEMA Types 1, 2, 3, 3R, 4, 4X, 12 and 13
 - IEC 60529 Type IP66
 - RoHS directive

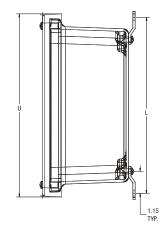
Construction

- 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

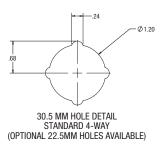
- Optional back panels
- Molded-in color matching
- EMI/RFI shielding
- Factory-supplied silk screening
- Optional 22.5mm holes (add "22" suffix to part number)





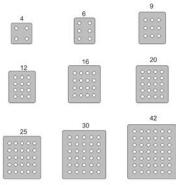


NOTE: COVER REMOVED FOR CLARITY









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.

Part No.			e	Usable Depth	Panel Cen		Р	anel Size	es	Foot N Cen		Cove	r Size	No. of		
	A	В	C	F	S	Z	Ht.	Wid.	P/N	Н	L	U	W	Holes	Х	Y
AM664P4	6.10	6.10	4.18	3.76	4.25	4.25	4.81	4.81	PL66	5.01	7.32	7.69	7.69	4	2.72	2.72
AIVI004F4	155mm	155mm	106mm	95mm	108mm	108mm	122mm	122mm	PLA66	127mm	186mm	195mm	195mm	4	69mm	69mm
AM864P6	8.00	6.13	4.14	3.71	6.25	4.25	6.75	4.88	PL86	5.02	9.20	9.59	7.71	6	2.72	2.55
AIVI004P0	203mm	156mm	105mm	94mm	159mm	108mm	171mm	124mm	PLA86	127mm	234mm	244mm	196mm		69mm	65mm
A N 4 4 0 0 4 D 0	10.14	8.26	4.13	3.68	8.25	6.25	8.75	6.88	PL108	7.01	11.19	11.73	9.90		2.68	3.62
AM1084P9	258mm	210mm	105mm	93mm	210mm	159mm	222mm	175mm	PLA108	178mm	284mm	299mm	251mm	9	68mm	92mm
A N 44 000 D 0	10.14	8.26	6.13	5.68	8.25	6.25	8.75	6.88	PL108	7.01	11.19	11.73	9.85		2.68	3.62
AM1086P9	258mm	210mm	156mm	144mm	210mm	159mm	222mm	175mm	PLA108	178mm	284mm	298mm	250mm	9	68mm	92mm
A N 4 A O O C D 4 O	10.14	8.26	6.13	5.68	8.25	6.25	8.75	6.88	PL108	7.01	11.19	11.73	9.85	40	2.68	2.49
AM1086P12	258mm	210mm	156mm	144mm	210mm	159mm	222mm	175mm	PLA108	178mm	284mm	298mm	250mm	12	68mm	63mm
A.M.4.000.D.4.0	12.14	10.26	6.13	5.68	10.25	8.25	10.75	8.88	PL120	9.03	13.19	13.73	11.85	40	2.55	3.49
AM1206P16	308mm	261mm	156mm	144mm	260mm	210mm	273mm	225mm	PLA120	229mm	335mm	349mm	301mm	16	65mm	89mm
A.B.4.000.D00	12.14	10.26	6.13	5.68	10.25	8.25	10.75	8.88	PL120	9.03	13.19	13.73	11.85	-00	2.55	2.37
AM1206P20	308mm	261mm	156mm	144mm	260mm	210mm	273mm	225mm	PLA120	229mm	335mm	349mm	301mm	20	65mm	60mm
ANA 400D05	14.14	12.26	6.13	5.71	12.25	10.25	12.75	10.88	PL142	11.03	15.19	15.73	13.85	0.5	2.43	3.37
AM1426P25	359mm	312mm	156mm	145mm	311mm	260mm	324mm	276mm	PLA142	280mm	386mm	399mm	352mm	25	62mm	86mm
A N 4 C 4 O D C C	16.27	14.40	8.13	7.68	14.25	12.25	14.75	12.88	P164	13.01	17.19	17.87	15.99	-00	3.50	3.31
AM1648P30	413mm	366mm	207mm	195mm	362mm	311mm	375mm	327mm	PA164	330mm	437mm	454mm	406mm	30	89mm	84mm
A144000D40	18.40	16.40	8.13	7.69	16.25	14.25	16.88	14.88	P186	14.97	19.28	20.00	18.00	40	3.38	3.25
AM1868P42	467mm	417mm	207mm	195mm	413mm	362mm	429mm	378mm	PA186	380mm	490mm	508mm	457mm	42	86mm	83mm

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

Data subject to change without notice









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

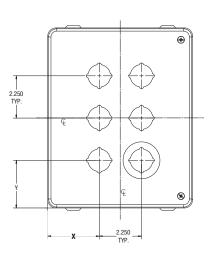
- Constructed to requirements of CSA Enc. 5 based on standard component cutout
- Strong, molded ULTRAGUARD® fiberglass reinforced polyester material construction with matching flat cover
- 316 stainless steel captive cover screws
- Formed-In-Place (FIP) polyurethane gasket system encased in continuous 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

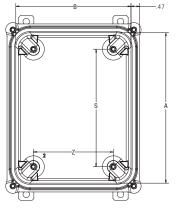
- Optional back panels
- Molded-in color matching
- EMI/RFI shielding
- Factory-supplied silk screening
- Optional 22.5mm holes (add "22" suffix to part number)

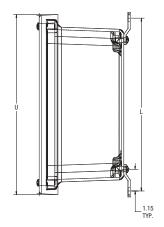
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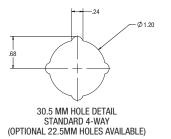






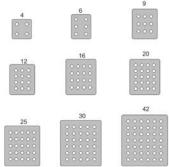


NOTE: COVER REMOVED FOR CLARITY





Pushbutton Arrangements



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.

Part No.	Box Size	Usable Depth	Panel Cen		P	anel Size	es	Foot I Cen	Mount ters	Cove	r Size	No. of				
	A	В	C	F	S	Z	Ht.	Wid.	P/N	Н	L	U	W	Holes	X	Y
AM664HP4	6.10	6.10	4.18	3.76	4.25	4.25	4.81	4.81	PL66	5.01	7.32	7.69	7.69	4	2.72	2.72
AMOU4FF4	155mm	155mm	106mm	95mm	108mm	108mm	122mm	122mm	PLA66	127mm	186mm	195mm	195mm	4	69mm	69mm
ANAOCALIDO	8.00	6.13	4.14	3.71	6.25	4.25	6.75	4.88	PL86	5.02	9.20	9.59	7.71		2.72	2.55
AM864HP6	203mm	156mm	105mm	94mm	159mm	108mm	171mm	124mm	PLA86	127mm	234mm	244mm	196mm	6	69mm	65mm
A B 44 00 41 ID0	10.14	8.26	4.13	3.68	8.25	6.25	8.75	6.88	PL108	7.01	11.19	11.73	9.90		2.68	3.62
AM1084HP9	258mm	210mm	105mm	93mm	210mm	159mm	222mm	175mm	PLA108	178mm	284mm	299mm	251mm	9	68mm	92mm
A B 44 000 U I I D 0	10.14	8.26	6.13	5.68	8.25	6.25	8.75	6.88	PL108	7.01	11.19	11.73	9.85		2.68	3.62
AM1086HP9	258mm	210mm	156mm	144mm	210mm	159mm	222mm	175mm	PL108	178mm	284mm	298mm	250mm	9	68mm	92mm
AM1086HP12	10.14	8.26	6.13	5.68	8.25	6.25	8.75	6.88	PL108	7.01	11.19	11.73	9.85	12	2.68	2.49
AMT086HP12	258mm	210mm	156mm	144mm	210mm	159mm	222mm	175mm	PLA108	178mm	284mm	298mm	250mm	12	68mm	63mm
ANA 000 UD4 0	12.14	10.26	6.13	5.68	10.25	8.25	10.75	8.88	PL120	9.03	13.19	13.73	11.85	10	2.55	3.49
AM1206HP16	308mm	261mm	156mm	144mm	260mm	210mm	273mm	225mm	PLA120	229mm	335mm	349mm	301mm	16	65mm	89mm
AM1206HP20	12.14	10.26	6.13	5.68	10.25	8.25	10.75	8.88	PL120	9.03	13.19	13.73	11.85	20	2.55	2.37
AMT206HP20	308mm	261mm	156mm	144mm	260mm	210mm	273mm	225mm	PLA120	229mm	335mm	349mm	301mm	20	65mm	60mm
AN44 400U IDOE	14.14	12.26	6.13	5.71	12.25	10.25	12.75	10.88	PL142	11.03	15.19	15.73	13.85	0.5	2.43	3.37
AM1426HP25	359mm	312mm	156mm	145mm	311mm	260mm	324mm	276mm	PLA142	280mm	386mm	399mm	352mm	25	62mm	86mm
AM1C40LIDOO	16.27	14.40	8.13	7.68	14.25	12.25	14.75	12.88	P164	13.01	17.19	17.87	15.99	30	3.50	3.31
AM1648HP30	413mm	366mm	207mm	195mm	362mm	311mm	375mm	327mm	PA164	330mm	437mm	454mm	406mm	30	89mm	84mm
A B 44 0 0 0 1 ID 1 0	18.40	16.40	8.13	7.69	16.25	14.25	16.88	14.88	P186	14.97	19.28	20.00	18.00	40	3.38	3.25
AM1868HP42	467mm	417mm	207mm	195mm	413mm	362mm	429mm	378mm	PA186	380mm	490mm	508mm	457mm	42	86mm	83mm

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







JIC SIZE JUNCTION BOXES

Cover Type

Flat Solid/Opaque

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

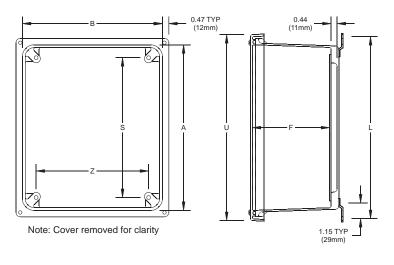
Standards

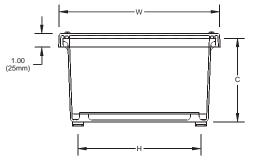
- UL 50 and UL 50E Types 1, 2, 3, 3R, 4, 4X, (6P for sizes 6"x6" up through 14"x12"), 12 and 13
- CSA C22.2 No. 94 Types 1, 2, 3, 3R, 4, 4X, (6P for sizes 6"x6" up through 14"x12"), 12 and 13
- Complies with:
 - NEMA Types 1, 2, 3, 3R, 4, 4X, (6P for sizes 6"x6" up through 14"x12"), 12 and 13
 - IEC 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

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

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





Nominal 1/8" (3mm) wall thickness

Part No.	E	Box Siz	е	Usable Depth	Panel Cen		F	Panel Size	s	Foot M Cen	Nount ters	Cove	r Size
	A	В	C	F	S	Z	Ht.	Wid.	P/N	Н	L	U	W
A14004	6.10	6.10	4.18	3.76	4.25	4.25	4.81	4.81	PL66	5.01	7.32	7.69	7.69
AM664	155mm	155mm	106mm	95mm	108mm	108mm	122mm	122mm	PLA66	127mm	186mm	195mm	195mm
AM864	8.00	6.13	4.14	3.71	6.25	4.25	6.75	4.88	PL86	5.02	9.20	9.59	7.71
Alvio04	203mm	156mm	105mm	94mm	159mm	108mm	171mm	124mm	PLA86	127mm	234mm	244mm	196mm
AM1084	10.14	8.26	4.13	3.68	8.25	6.25	8.75	6.88	PL108	7.01	11.19	11.73	9.90
AWITU04	258mm	210mm	105mm	93mm	210mm	159mm	222mm	175mm	PLA108	178mm	284mm	299mm	251mm
AM1086	10.14	8.26	6.13	5.68	8.25	6.25	8.75	6.88	PL108	7.01	11.19	11.73	9.85
AWITOO	258mm	210mm	156mm	144mm	210mm	159mm	222mm	175mm	PLA108	178mm	284mm	298mm	250mm
AM1206	12.14	10.26	6.13	5.68	10.25	8.25	10.75	8.88	PL120	9.01	13.19	13.73	11.85
AWIZUO	308mm	261mm	156mm	144mm	260mm	210mm	273mm	225mm	PLA120	229mm	335mm	349mm	301mm
AM1224	12.14	12.14	4.13	3.73	10.25	10.25	10.75	10.75	PL122	11.01	13.32	13.72	13.72
AIVI1224	308mm	308mm	105mm	95mm	260mm	260mm	273mm	273mm	PLA122	280mm	338mm	348mm	348mm
AM1226	12.14	12.14	6.13	5.73	10.25	10.25	10.75	10.75	PL122	11.01	13.32	13.72	13.72
AWIZZO	308mm	308mm	156mm	145mm	260mm	260mm	273mm	273mm	PLA122	280mm	338mm	348mm	348mm
AM1426	14.14	12.26	6.13	5.71	12.25	10.25	12.75	10.88	PL142	11.03	15.19	15.73	13.85
AIVI1420	359mm	312mm	156mm	145mm	311mm	260mm	324mm	276mm	PLA142	280mm	386mm	399mm	352mm
AM1648	16.27	14.40	8.13	7.68	14.25	12.25	14.75	12.88	P164	13.01	17.19	17.87	15.99
AIVI1040	413mm	366mm	207mm	195mm	362mm	311mm	375mm	327mm	PA164	330mm	437mm	454mm	406mm
AM1868	18.40	16.40	8.13	7.69	16.25	14.25	16.88	14.88	P186	14.97	19.28	20.00	18.00
AIVI I ODO	467mm	417mm	207mm	195mm	413mm	362mm	429mm	378mm	PA186	380mm	490mm	508mm	457mm
4440000	20.00	16.00	8.13	7.68	17.81	13.81	18.44	14.44	P206	14.54	20.84	21.59	17.59
AM2068	508mm	406mm	207mm	195mm	452mm	351mm	468mm	367mm	PA206	369mm	529mm	548mm	447mm

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





Data subject to change without notice



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

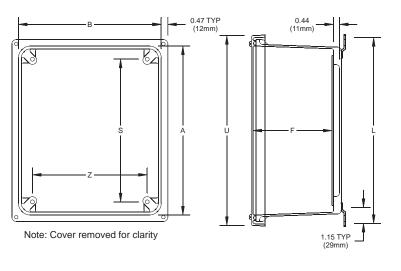
Standards

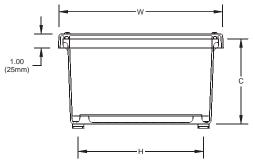
- UL 50 and UL 50E Types 1, 2, 3, 3R, 4, 4X, 12 and 13
- CSA C22.2 No. 94 Types 1, 2, 3, 3R, 4, 4X, 12 and 13
- Complies with:
 - NEMA Types 1, 2, 3, 3R, 4, 4X, 12 and 13
 - IEC 60529 Type IP66
 - RoHS directive

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

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





Nominal 1/8" (3mm) wall thickness

Part No.	E	Box Siz	е	Usable Depth	Panel Cen		P	anel Size	es	Foot N Cen	Nount ters	Cove	r Size	Window Dimension
	A	В	C	F	S	Z	Ht.	Wid.	P/N	Н	L	U	W	(Height x Width)
A B 400 4144	6.10	6.10	4.18	3.65	4.25	4.25	4.81	4.81	PL66	5.01	7.32	7.69	7.69	4.25 x 4.25
AM664W	155mm	155mm	106mm	93mm	108mm	108mm	122mm	122mm	PLA66	127mm	186mm	195mm	195mm	108mm x 108mm
AM864W	8.00	6.13	4.14	3.60	6.25	4.25	6.75	4.88	PL86	5.02	9.20	9.59	7.71	6.25 x 4.25
Alvio04vv	203mm	156mm	105mm	91mm	159mm	108mm	171mm	124mm	PLA86	127mm	234mm	244mm	196mm	159mm x 108mm
AM1084W	10.14	8.26	4.13	3.57	8.25	6.25	8.75	6.88	PL108	7.01	11.19	11.73	9.90	8.38 x 6.50
AIVI I UO4VV	258mm	210mm	105mm	91mm	210mm	159mm	222mm	175mm	PLA108	178mm	284mm	299mm	251mm	213mm x 165mm
AM1086W	10.14	8.26	6.13	5.57	8.25	6.25	8.75	6.88	PL108	7.01	11.19	11.73	9.85	8.38 x 6.50
AIVITUODVV	258mm	210mm	156mm	141mm	210mm	159mm	222mm	175mm	PLA108	178mm	284mm	298mm	250mm	213mm x 165mm
AM1206W	12.14	10.26	6.13	5.58	10.25	8.25	10.75	8.88	PL120	9.01	13.19	13.73	11.85	10.38 x 8.50
AIVITZUOVV	308mm	261mm	156mm	142mm	260mm	210mm	273mm	225mm	PLA120	229mm	335mm	349mm	301mm	264mm x 216mm
AM1224W	12.14	12.14	4.13	3.62	10.25	10.25	10.75	10.75	PL122	11.01	13.32	13.72	13.72	10.38 x 10.38
AIVI I ZZ4VV	308mm	308mm	105mm	92mm	260mm	260mm	273mm	273mm	PLA122	280mm	338mm	348mm	348mm	264mm x 264mm
AM1226W	12.14	12.14	6.13	5.62	10.25	10.25	10.75	10.75	PL122	11.01	13.32	13.72	13.72	10.38 x 10.38
AIVI I ZZOVV	308mm	308mm	156mm	143mm	260mm	260mm	273mm	273mm	PLA122	280mm	338mm	348mm	348mm	264mm x 264mm
AM1426W	14.14	12.26	6.13	5.60	12.25	10.25	12.75	10.88	PL142	11.03	15.19	15.73	13.85	12.38 x 10.50
AIVI I 420VV	359mm	312mm	156mm	142mm	311mm	260mm	324mm	276mm	PLA142	280mm	386mm	399mm	352mm	314mm x 267mm
AM1648W	16.27	14.40	8.13	7.58	14.25	12.25	14.75	12.88	P164	13.01	17.19	17.87	15.99	13.00 x 11.00
AIVI I 040VV	413mm	366mm	207mm	192mm	362mm	311mm	375mm	327mm	PA164	330mm	437mm	454mm	406mm	330mm x 279mm
AM1868W	18.40	16.40	8.13	7.58	16.25	14.25	16.88	14.88	P186	14.97	19.28	20.00	18.00	14.00 x 12.00
AIVIIOUOVV	467mm	417mm	207mm	192mm	413mm	362mm	429mm	378mm	PA186	380mm	490mm	508mm	457mm	356mm x 305mm
AA400000W1	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
AM2068W	508mm	406mm	207mm	192mm	452mm	351mm	468mm	367mm		369mm	529mm	548mm	447mm	381mm x 279mm

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

Data subject to change without notice









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

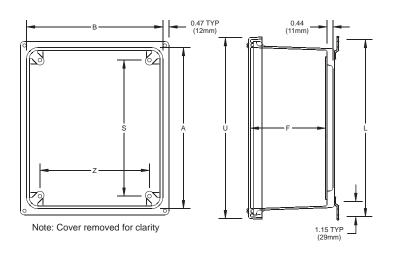
Construction

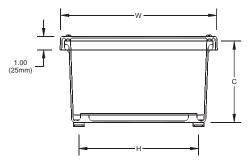
- Strong, molded ULTRAGUARD® fiberglass reinforced polyester material construction with matching flat cover
- 316 stainless steel captive cover screws
- Continuous 316 stainless steel hinge
- Formed-In-Place (FIP) polyurethane gasket system encased in continuous channel
- 316 stainless steel wall mounting 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

- 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









Nominal 1/8" (3mm) wall thickness

Part No.	E	Box Siz	e	Usable Depth	Panel Cen		F	Panel Size	s	Foot N Cen		Cove	r Size
	A	В	C	F	S	Z	Ht.	Wid.	P/N	Н	L	U	W
AM664H	6.10	6.10	4.18	3.76	4.25	4.25	4.81	4.81	PL66	5.01	7.32	7.69	7.69
Alvi004H	155mm	155mm	106mm	95mm	108mm	108mm	122mm	122mm	PLA66	127mm	186mm	195mm	195mm
AM864H	8.00	6.13	4.14	3.71	6.25	4.25	6.75	4.88	PL86	5.02	9.20	9.59	7.71
Alvio04H	203mm	156mm	105mm	94mm	159mm	108mm	171mm	124mm	PLA86	127mm	234mm	244mm	196mm
AM1084H	10.14	8.26	4.13	3.68	8.25	6.25	8.75	6.88	PL108	7.01	11.19	11.73	9.90
AWI 1004FI	258mm	210mm	105mm	93mm	210mm	159mm	222mm	175mm	PLA108	178mm	284mm	299mm	251mm
AM1086H	10.14	8.26	6.13	5.68	8.25	6.25	8.75	6.88	PL108	7.01	11.19	11.73	9.85
AWITOOOTI	258mm	210mm	156mm	144mm	210mm	159mm	222mm	175mm	PLA108	178mm	284mm	298mm	250mm
AM1206H	12.14	10.26	6.13	5.68	10.25	8.25	10.75	8.88	PL120	9.01	13.19	13.73	11.85
AIVI1200FI	308mm	261mm	156mm	144mm	260mm	210mm	273mm	225mm	PLA120	229mm	335mm	349mm	301mm
AM1224H	12.14	12.14	4.13	3.73	10.25	10.25	10.75	10.75	PL122	11.01	13.32	13.72	13.72
AIVI1224FI	308mm	308mm	105mm	95mm	260mm	260mm	273mm	273mm	PLA122	280mm	338mm	348mm	348mm
AM1226H	12.14	12.14	6.13	5.73	10.25	10.25	10.75	10.75	PL122	11.01	13.32	13.72	13.72
AWITZZOFI	308mm	308mm	156mm	145mm	260mm	260mm	273mm	273mm	PLA122	280mm	338mm	348mm	348mm
AM1426H	14.14	12.26	6.13	5.71	12.25	10.25	12.75	10.88	PL142	11.03	15.19	15.73	13.85
AWIT420II	359mm	312mm	156mm	145mm	311mm	260mm	324mm	276mm	PLA142	280mm	386mm	399mm	352mm
AM1648H	16.27	14.40	8.13	7.68	14.25	12.25	14.75	12.88	P164	13.01	17.19	17.87	15.99
AWITOHOLL	413mm	366mm	207mm	195mm	362mm	311mm	375mm	327mm	PA164	330mm	437mm	454mm	406mm
AM1868H	18.40	16.40	8.13	7.69	16.25	14.25	16.88	14.88	P186	14.97	19.28	20.00	18.00
AIVITOUGIT	467mm	417mm	207mm	195mm	413mm	362mm	429mm	378mm	PA186	380mm	490mm	508mm	457mm
AM2068H	20.00	16.00	8.13	7.68	17.81	13.81	18.44	14.44	P206	14.54	20.84	21.59	17.59
AIVIZUOOFI	508mm	406mm	207mm	195mm	452mm	351mm	468mm	367mm	PA206	369mm	529mm	548mm	447mm

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. AM664H) Additional back panels found on page 128







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

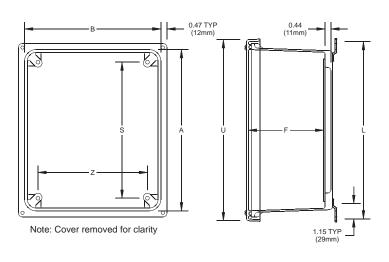
- UL 50 and UL 50E Types 1, 2, 3, 3R, 4, 4X, 12 and 13
- CSA C22.2 No. 94 Types 1, 2, 3, 3R, 4, 4X, 12 and 13
- Complies with:
 - NEMA Types 1, 2, 3, 3R, 4, 4X, 12 and 13
 - IEC 60529 Type IP66
 - RoHS directive

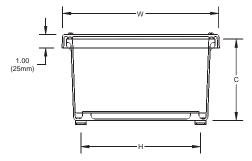
Construction

- 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

- Optional back panels
- Custom holes and cutouts
- · Hinge installed on short side
- Molded-in color matching
- EMI/RFI shielding
- Factory-supplied silk screening







Nominal 1/8" (3mm) wall thickness

Part No.	E	Box Siz	е	Usable Depth	Panel Cen		P	anel Size	s	Foot I Cen	Nount ters	Cove	r Size	Window Dimension
	A	В	C	F	S	Z	Ht.	Wid.	P/N	Н	L	U	W	(Height x Width)
ANACCALDA	6.10	6.10	4.18	3.65	4.25	4.25	4.81	4.81	PL66	5.01	7.32	7.69	7.69	4.25 x 4.25
AM664HW	155mm	155mm	106mm	93mm	108mm	108mm	122mm	122mm	PLA66	127mm	186mm	195mm	195mm	108mm x 108mm
AM864HW	8.00	6.13	4.14	3.60	6.25	4.25	6.75	4.88	PL86	5.02	9.20	9.59	7.71	6.25 x 4.25
AIVIO04TVV	203mm	156mm	105mm	91mm	159mm	108mm	171mm	124mm	PLA86	127mm	234mm	244mm	196mm	159mm x 108mm
AM1084HW	10.14	8.26	4.13	3.57	8.25	6.25	8.75	6.88	PL108	7.01	11.19	11.73	9.90	8.38 x 6.50
AIVI I UO4 ITVV	258mm	210mm	105mm	91mm	210mm	159mm	222mm	175mm	PLA108	178mm	284mm	299mm	251mm	213mm x 165mm
AM1086HW	10.14	8.26	6.13	5.57	8.25	6.25	8.75	6.88	PL108	7.01	11.19	11.73	9.85	8.38 x 6.50
AIVITUOOTIVV	258mm	210mm	156mm	141mm	210mm	159mm	222mm	175mm	PLA108	178mm	284mm	298mm	250mm	213mm x 165mm
AM1206HW	12.14	10.26	6.13	5.58	10.25	8.25	10.75	8.88	PL120	9.01	13.19	13.73	11.85	10.38 x 8.50
AIVI1206HVV	308mm	261mm	156mm	142mm	260mm	210mm	273mm	225mm	PLA120	229mm	335mm	349mm	301mm	264mm x 216mm
A B 44 O O 41 I I M	12.14	12.14	4.13	3.62	10.25	10.25	10.75	10.75	PL122	11.01	13.32	13.72	13.72	10.38 x 10.38
AM1224HW	308mm	308mm	105mm	92mm	260mm	260mm	273mm	273mm	PLA122	280mm	338mm	348mm	348mm	264mm x 264mm
A B 44 O O C L IVA /	12.14	12.14	6.13	5.62	10.25	10.25	10.75	10.75	PL122	11.01	13.32	13.72	13.72	10.38 x 10.38
AM1226HW	308mm	308mm	156mm	143mm	260mm	260mm	273mm	273mm	PLA122	280mm	338mm	348mm	348mm	264mm x 264mm
A B 44 4 0 C L I B 47	14.14	12.26	6.13	5.60	12.25	10.25	12.75	10.88	PL142	11.03	15.19	15.73	13.85	12.38 x 10.50
AM1426HW	359mm	312mm	156mm	142mm	311mm	260mm	324mm	276mm	PLA142	280mm	386mm	399mm	352mm	314mm x 267mm
A B 44 C 4 O L IVA/	16.27	14.40	8.13	7.58	14.25	12.25	14.75	12.88	P164	13.01	17.19	17.87	15.99	13.00 x 11.00
AM1648HW	413mm	366mm	207mm	192mm	362mm	311mm	375mm	327mm	PA164	330mm	437mm	454mm	406mm	330mm x 279mm
AM1868HW	18.40	16.40	8.13	7.58	16.25	14.25	16.88	14.88	P186	14.97	19.28	20.00	18.00	14.00 x 12.00
AIVI I ODONVV	467mm	417mm	207mm	192mm	413mm	362mm	429mm	378mm	PA186	380mm	490mm	508mm	457mm	356mm x 305mm
A B 40000 UV.	20.00	16.00	8.13	7.58	17.81	13.81	18.44	14.44	P206	14.54	20.84	21.59	17.59	15.00 x 11.00
AM2068HW	508mm	406mm	207mm	192mm	452mm	351mm	468mm	367mm	PA206	369mm	529mm	548mm	447mm	381mm x 279mm

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









JIC SIZE JUNCTION BOXES

Cover Type

Flat 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

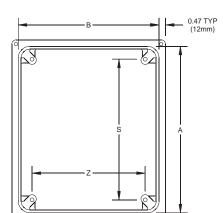
- UL 50 and UL 50E Types 1, 2, 3, 3R, 4, 4X, 12 and 13
- CSA C22.2 No. 94 Types 1, 2, 3, 3R, 4, 4X, 12 and 13
- Complies with:
 - NEMA Types 1, 2, 3, 3R, 4, 4X, 12 and 13
 - IEC 60529 Type IP66
 - RoHS directive

Construction

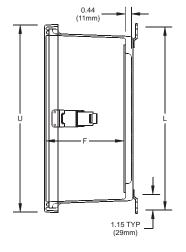
- Strong, molded ULTRAGUARD® fiberglass reinforced polyester material construction with matching flat cover
- 316 stainless steel snap latches feature padlock hasp (.375" dia.)
- Continuous 316 stainless steel hinge
- Formed-In-Place (FIP) polyurethane gasket system encased in continuous channel
- 316 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

- 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



LATCH LOCATIONS

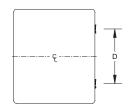


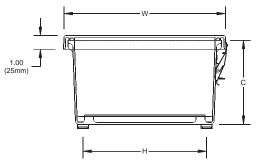
6x6x4 8x6x4 10x8x4,6



12x10x6 D=8.00 (203 mm) 16x14x8 D=8.54 (217 mm) 12x12x4,6 D=8.00 (203 mm) 18x16x8 D=6.50 (165 mm) 14x12x6 D=8.54 (217 mm) 20x16x8 D=10.52 (267 mm)







Nominal 1/8" (3mm) wall thickness

Part No.	E	Box Siz	е	Usable Depth		Boss ters	F	Panel Size	s	Foot I Cen	Mount ters	Cove	r Size
	A	В	C	F	S	Z	Ht.	Wid.	P/N	Н	L	U	W
AM664L	6.10	6.10	4.18	3.76	4.25	4.25	4.81	4.81	PL66	5.01	7.32	7.69	7.69
AIVI004L	155mm	155mm	106mm	95mm	108mm	108mm	122mm	122mm	PLA66	127mm	186mm	195mm	195m
ANAOCAL	8.00	6.13	4.14	3.71	6.25	4.25	6.75	4.88	PL86	5.02	9.20	9.59	7.71
AM864L	203mm	156mm	105mm	94mm	159mm	108mm	171mm	124mm	PLA86	127mm	234mm	244mm	196m
AM1004I	10.14	8.26	4.13	3.68	8.25	6.25	8.75	6.88	PL108	7.01	11.19	11.73	9.90
AM1084L	258mm	210mm	105mm	93mm	210mm	159mm	222mm	175mm	PLA108	178mm	284mm	299mm	251m
AM1086L	10.14	8.26	6.13	5.68	8.25	6.25	8.75	6.88	PL108	7.01	11.19	11.73	9.8
AIVITUOOL	258mm	210mm	156mm	144mm	210mm	159mm	222mm	175mm	PLA108	178mm	284mm	298mm	250m
AM1206L 12.14	12.14	10.26	6.13	5.68	10.25	8.25	10.75	8.88	PL120	9.01	13.19	13.73	11.8
AM1206L	308mm	261mm	156mm	144mm	260mm	210mm	273mm	225mm	PLA120	229mm	335mm	349mm	301m
4440041	12.14	12.14	4.13	3.73	10.25	10.25	10.75	10.75	PL122	11.01	13.32	13.72	13.7
AM1224L	308mm	308mm	105mm	95mm	260mm	260mm	273mm	273mm	PLA122	280mm	338mm	348mm	348n
A N 44 0 0 0 C I	12.14	12.14	6.13	5.73	10.25	10.25	10.75	10.75	PL122	11.01	13.32	13.72	13.7
AM1226L	308mm	308mm	156mm	145mm	260mm	260mm	273mm	273mm	PLA122	280mm	338mm	348mm	348m
A N 4 4 4 0 C L	14.14	12.26	6.13	5.71	12.25	10.25	12.75	10.88	PL142	11.03	15.19	15.73	13.8
AM1426L	359mm	312mm	156mm	145mm	311mm	260mm	324mm	276mm	PLA142	280mm	386mm	399mm	352m
A N 4 C 4 O I	16.27	14.40	8.13	7.68	14.25	12.25	14.75	12.88	P164	13.01	17.19	17.87	15.9
AM1648L	413mm	366mm	207mm	195mm	362mm	311mm	375mm	327mm	PA164	330mm	437mm	454mm	406n
AM4.0001	18.40	16.40	8.13	7.69	16.25	14.25	16.88	14.88	P186	14.97	19.28	20.00	18.0
AM1868L	467mm	417mm	207mm	195mm	413mm	362mm	429mm	378mm	PA186	380mm	490mm	508mm	457m
44400001	20.00	16.00	8.13	7.68	17.81	13.81	18.44	14.44	P206	14.54	20.84	21.59	17.5
AM2068L	508mm	406mm	207mm	195mm	452mm	351mm	468mm	367mm	PA206	369mm	529mm	548mm	447m

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. AM664L)

Additional back panels found on page 128







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

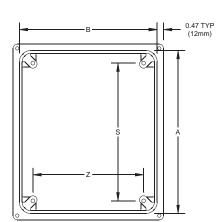
- UL 50 and UL 50E Types 1, 2, 3, 3R, 4, 4X, 12 and 13
- CSA C22.2 No. 94 Types 1, 2, 3, 3R, 4, 4X, 12 and 13
- Complies with:
 - NEMA Types 1, 2, 3, 3R, 4, 4X, 12 and 13
 - IEC 60529 Type IP66
 - RoHS directive

Construction

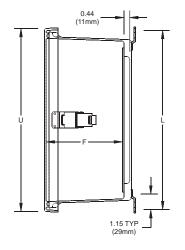
- Strong, molded ULTRAGUARD® fiberglass reinforced polyester material construction with matching flat cover
- UV resistant polycarbonate viewing window
- 316 stainless steel snap latches feature padlock hasp (.375" dia.)
- · Continuous 316 stainless steel hinge
- Formed-In-Place (FIP) polyurethane gasket 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

- 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



LATCH LOCATIONS

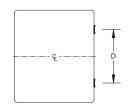


12x10x6 D=8.00 (203 mm) 8x6x4 10x8x4,6



16x14x8 D=8.54 (217 mm) 12x12x4,6 D=8.00 (203 mm) 18x16x8 D=6.50 (165 mm) 14x12x6 D=8.54 (217 mm) 20x16x8 D=10.52 (267 mm)





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	Nominal 1/8" (3mm) wall thickness

Part No.	Е	Box Siz	е	Usable Depth	Panel Cen		Panel Sizes			Foot N		Cover Size		Window Dimension	
	A	В	C	F	S	Z	Ht.	Wid.	P/N	Н	L	U	W	(Height x Width)	
AM664LW	6.10	6.10	4.18	3.65	4.25	4.25	4.81	4.81	PL66	5.01	7.32	7.69	7.69	4.25 x 4.25	
AIVI004LVV	155mm	155mm	106mm	93mm	108mm	108mm	122mm	122mm	PLA66	127mm	186mm	195mm	195mm	108mm x 108mm	
A B 4 O C 4 L VA /	8.00	6.13	4.14	3.60	6.25	4.25	6.75	4.88	PL86	5.02	9.20	9.59	7.71	6.25 x 4.25	
AM864LW	203mm	156mm	105mm	91mm	159mm	108mm	171mm	124mm	PLA86	127mm	234mm	244mm	196mm	159mm x 108mm	
AN440041 W	10.14	8.26	4.13	3.57	8.25	6.25	8.75	6.88	PL108	7.01	11.19	11.73	9.90	8.38 x 6.50	
AM1084LW	258mm	210mm	105mm	91mm	210mm	159mm	222mm	175mm	PLA108	178mm	284mm	299mm 251mm		213mm x 165mm	
*****	10.14	8.26	6.13	5.57	8.25	6.25	8.75	6.88	PL108	7.01	11.19	11.73	9.85	8.38 x 6.50	
AM1086LW	258mm	210mm	156mm	141mm	210mm	159mm	222mm	175mm	PLA108	178mm	284mm	298mm	250mm	213mm x 165mm	
***********	12.14	10.26	6.13	5.58	10.25	8.25	10.75	8.88	PL120	9.01	13.19	13.73	11.85	10.38 x 8.50	
AM1206LW	308mm	261mm	156mm	142mm	260mm	210mm	273mm	225mm	PLA120	229mm	335mm	349mm	301mm	264mm x 216mm	
*****	12.14	12.14	4.13	3.62	10.25	10.25	10.75	10.75	PL122	11.01	13.32	13.72	13.72	10.38 x 10.38	
AM1224LW	308mm	308mm	105mm	92mm	260mm	260mm	273mm	273mm	PLA122	280mm	338mm	348mm	348mm	264mm x 264mm	
4440001144	12.14	12.14	6.13	5.62	10.25	10.25	10.75	10.75	PL122	11.01	13.32	13.72	13.72	10.38 x 10.38	
AM1226LW	308mm	308mm	156mm	143mm	260mm	260mm	273mm	273mm	PLA122	280mm	338mm	348mm	348mm	264mm x 264mm	
ANA 4001 W	14.14	12.26	6.13	5.60	12.25	10.25	12.75	10.88	PL142	11.03	15.19	15.73	13.85	12.38 x 10.50	
AM1426LW	359mm	312mm	156mm	142mm	311mm	260mm	324mm	276mm	PLA142	280mm	386mm	399mm	352mm	314mm x 267mm	
A144 C401 W	16.27	14.40	8.13	7.58	14.25	12.25	14.75	12.88	P164	13.01	17.19	17.87	15.99	13.00 x 11.00	
AM1648LW	413mm	366mm	207mm	192mm	362mm	311mm	375mm	327mm	PA164	330mm	437mm	454mm	406mm	330mm x 279mm	
444000114/	18.40	16.40	8.13	7.58	16.25	14.25	16.88	14.88	P186	14.97	19.28	20.00	18.00	14.00 x 12.00	
AM1868LW	467mm	417mm	207mm	192mm	413mm	362mm	429mm	378mm	PA186	380mm	490mm	508mm	457mm	356mm x 305mm	
	20.00	16.00	8.13	7.58	17.81	13.81	18.44	14.44	P206	14.54	20.84	21.59	17.59	15.00 x 11.00	
AM2068LW	508mm	406mm	207mm	192mm	452mm	351mm	468mm	367mm	PA206	369mm	529mm	548mm	447mm	381mm x 279mm	

All dimensions are in inches unless otherwise noted Enclosure base part numbers come standard with 4 separately bagged feet (ex. AM664LW) Additional back panels found on page 128

Data subject to change without notice









JIC SIZE JUNCTION BOXES

Cover Type

Flat 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

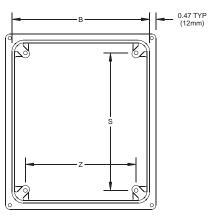
- UL 50 and UL 50E Types 1, 2, 3, 3R, 4, 4X, 12 and 13
- CSA C22.2 No. 94 Types 1, 2, 3, 3R, 4, 4X, 12 and 13
- Complies with:
 - NEMA Types 1, 2, 3, 3R, 4, 4X, 12 and 13
 - IEC 60529 Type IP66
 - RoHS directive

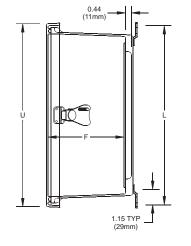
Construction

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

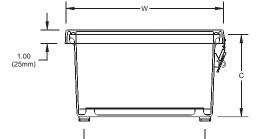
- Optional back panels
- · Custom holes and cutouts
- Custom size polycarbonate viewing windows
- · Hinge installed on short side
- Molded-in color matching
- EMI/RFI shielding
- Factory-supplied silk screening







Note: Cover removed for clarity



Nominal 1/8" (3mm) wall thickness

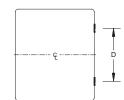
LATCH LOCATIONS

FOR USE ON: FOR USE ON: 12x10x6 D=8.00 (203 mm) 6x6x4 8x6x4

16x14x8 D=8.54 (217 mm) 12x12x4,6 D=8.00 (203 mm) 18x16x8 D=6.50 (165 mm) 14x12x6 D=8.54 (217 mm) 20x16x8 D=10.52 (267 mm)



10x8x4,6



Part No.	Box Size			Usable Depth	Panel Cen		P	Panel Size	s	Foot Mount Centers		Cover Size	
	A	В	C	F	S	Z	Ht.	Wid.	P/N	Н	L	U	W
AM664T	6.10	6.10	4.18	3.76	4.25	4.25	4.81	4.81	PL66	5.01	7.32	7.69	7.69
AIVI0041	155mm	155mm	106mm	95mm	108mm	108mm	122mm	122mm	PLA66	127mm	186mm	195mm	195mn
AM864T	8.00	6.13	4.14	3.71	6.25	4.25	6.75	4.88	PL86	5.02	9.20	9.59	7.71
AIVI8641	203mm	156mm	105mm	94mm	159mm	108mm	171mm	124mm	PLA86	127mm	234mm	244mm	196mn
A144004T	10.14	8.26	4.13	3.68	8.25	6.25	8.75	6.88	PL108	7.01	11.19	11.73	9.90
AM1084T	258mm	210mm	105mm	93mm	210mm	159mm	222mm	175mm	PLA108	178mm	284mm	299mm	251mr
ANALOGOT	10.14	8.26	6.13	5.68	8.25	6.25	8.75	6.88	PL108	7.01	11.19	11.73	9.85
AM1086T	258mm	210mm	156mm	144mm	210mm	159mm	222mm	175mm	PLA108	178mm	284mm	298mm	250mi
A. A	12.14	10.26	6.13	5.68	10.25	8.25	10.75	8.88	PL120 PLA120	9.01	13.19	13.73	11.8
AM1206T	308mm	261mm	156mm	144mm	260mm	210mm	273mm	225mm		229mm	335mm	349mm	301m
A144004T	12.14	12.14	4.13	3.73	10.25	10.25	10.75	10.75	PL122	11.01	13.32	13.72	13.7
AM1224T	308mm	308mm	105mm	95mm	260mm	260mm	273mm	273mm	PLA122	280mm	338mm	348mm	348m
A B 44 000T	12.14	12.14	6.13	5.73	10.25	10.25	10.75	10.75	PL122	11.01	13.32	13.72	13.7
AM1226T	308mm	308mm	156mm	145mm	260mm	260mm	273mm	273mm	PLA122	280mm	338mm	348mm	348mı
AM1426T	14.14	12.26	6.13	5.71	12.25	10.25	12.75	10.88	PL142	11.03	15.19	15.73	13.8
AW14261	359mm	312mm	156mm	145mm	311mm	260mm	324mm	276mm	PLA142	280mm	386mm	399mm	352m
AMACAOT	16.27	14.40	8.13	7.68	14.25	12.25	14.75	12.88	P164	13.01	17.19	17.87	15.9
AM1648T	413mm	366mm	207mm	195mm	362mm	311mm	375mm	327mm	PA164	330mm	437mm	454mm	406m
AM4 OCOT	18.40	16.40	8.13	7.69	16.25	14.25	16.88	14.88	P186	14.97	19.28	20.00	18.0
AM1868T	467mm	417mm	207mm	195mm	413mm	362mm	429mm	378mm	PA186	380mm	490mm	508mm	457m
	20.00	16.00	8.13	7.68	17.81	13.81	18.44	14.44	P206	14.54	20.84	21.59	17.5
AM2068T	508mm	406mm	207mm	195mm	452mm	351mm	468mm	367mm	PA206	369mm	529mm	548mm	447m

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. AM664T) Additional back panels found on page 128







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

- 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

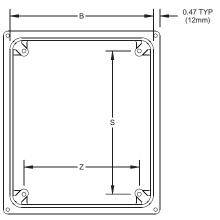
Construction

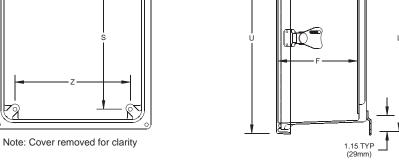
- Strong, molded ULTRAGUARD® fiberglass reinforced polyester material construction with matching flat cover
- UV resistant polycarbonate viewing window
- 316 stainless steel twist latches feature padlock hasp (.375" dia.)
- Continuous 316 stainless steel hinge
- Formed-In-Place (FIP) polyurethane gasket 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

- Optional back panels
- · Custom holes and cutouts
- Hinge installed on short side
- Molded-in color matching
- EMI/RFI shielding
- Factory-supplied silk screening



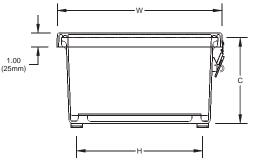
33





8x6x4

10x8x4,6



Nominal 1/8" (3mm) wall thickness

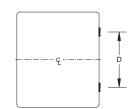
LATCH LOCATIONS

0.44 (11mm)

FOR USE ON: FOR USE ON: 6x6x4

12x10x6 D=8.00 (203 mm) 16x14x8 D=8.54 (217 mm) 18x16x8 D=6.50 (165 mm) 12x12x4,6 D=8.00 (203 mm) 14x12x6 D=8.54 (217 mm) 20x16x8 D=10.52 (267 mm)



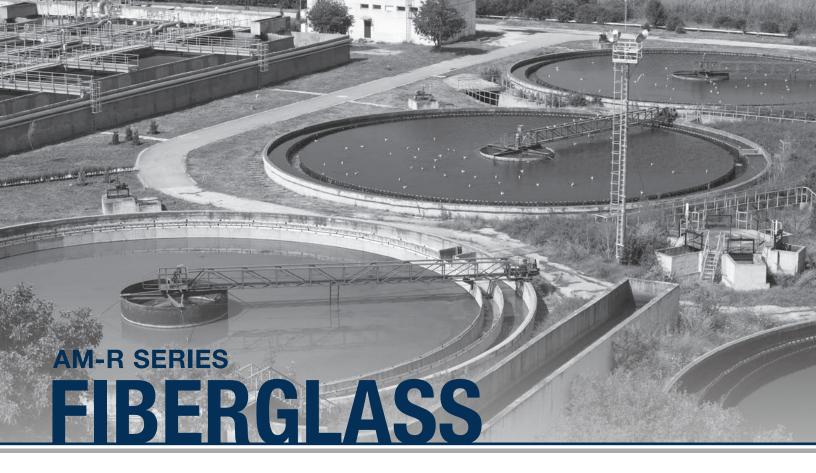


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Part No.	E	Box Siz	е	Usable Panel Boss Depth Centers			P	anel Size	s	Foot N Cen		Cover Size		Window Dimension
	A	В	C	F	S	Z	Ht.	Wid.	P/N	Н	L	U	W	(Height x Width)
AM664TW	6.10	6.10	4.18	3.65	4.25	4.25	4.81	4.81	PL66	5.01	7.32	7.69	7.69	4.25 x 4.25
AIVIOO4 I VV	155mm	155mm	106mm	93mm	108mm	108mm	122mm	122mm	PLA66	127mm	186mm	195mm	195mm	108mm x 108mm
AM864TW	8.00	6.13	4.14	3.60	6.25	4.25	6.75	4.88	PL86	5.02	9.20	9.59	7.71	6.25 x 4.25
AIVIOU4 I VV	203mm	156mm	105mm	91mm	159mm	108mm	171mm	124mm	PLA86	127mm	234mm	244mm	196mm	159mm x 108mm
AM1084TW	10.14	8.26	4.13	3.57	8.25	6.25	8.75	6.88	PL108	7.01	11.19	11.73	9.90	8.38 x 6.50
AIVITUO4TVV	258mm	210mm	105mm	91mm	210mm	159mm	222mm	175mm	PLA108	178mm	284mm	299mm	251mm	213mm x 165mm
AM1086TW	10.14	8.26	6.13	5.57	8.25	6.25	8.75	6.88	PL108	7.01	11.19	11.73	9.85	8.38 x 6.50
AIVITOOOTVV	258mm	210mm	156mm	141mm	210mm	159mm	222mm	175mm	PLA108	178mm	284mm	298mm	250mm	213mm x 165mm
A. A	12.14	10.26	6.13	5.58	10.25	8.25	10.75	8.88	PL120	9.01	13.19	13.73	11.85	10.38 x 8.50
AM1206TW	308mm	261mm	156mm	142mm	260mm	210mm	273mm	225mm	PLA120	229mm	335mm	349mm	301mm	264mm x 216mm
AM1224TW	12.14	12.14	4.13	3.62	10.25	10.25	10.75	10.75	PL122	11.01	13.32	13.72	13.72	10.38 x 10.38
AIVI12241VV	308mm	308mm	105mm	92mm	260mm	260mm	273mm	273mm	PLA122	280mm	338mm	348mm	348mm	264mm x 264mm
AM1226TW	12.14	12.14	6.13	5.62	10.25	10.25	10.75	10.75	PL122	11.01	13.32	13.72	13.72	10.38 x 10.38
AIVITZZOTVV	308mm	308mm	156mm	143mm	260mm	260mm	273mm	273mm	PLA122	280mm	338mm	348mm	348mm	264mm x 264mm
AM1426TW	14.14	12.26	6.13	5.60	12.25	10.25	12.75	10.88	PL142	11.03	15.19	15.73	13.85	12.38 x 10.50
AIVIT420TVV	359mm	312mm	156mm	142mm	311mm	260mm	324mm	276mm	PLA142	280mm	386mm	399mm	352mm	314mm x 267mm
AM1648TW	16.27	14.40	8.13	7.58	14.25	12.25	14.75	12.88	P164	13.01	17.19	17.87	15.99	13.00 x 11.00
ANTIOTO I VI	413mm	366mm	207mm	192mm	362mm	311mm	375mm	327mm	PA164	330mm	437mm	454mm	406mm	330mm x 279mm
AM1868TW	18.40	16.40	8.13	7.58	16.25	14.25	16.88	14.88	P186	14.97	19.28	20.00	18.00	14.00 x 12.00
714110001V4	467mm	417mm	207mm	192mm	413mm	362mm	429mm	378mm	PA186	380mm	490mm	508mm	457mm	356mm x 305mm
AM2068TW	20.00	16.00	8.13	7.58	17.81	13.81	18.44	14.44	P206	14.54	20.84	21.59	17.59	15.00 x 11.00
MIVIZUUO I VV	508mm	406mm	207mm	192mm	452mm	351mm	468mm	367mm	PA206	369mm	529mm	548mm	447mm	381mm x 279mm

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



Data subject to change without notice



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

INDEX

AM-R Series

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

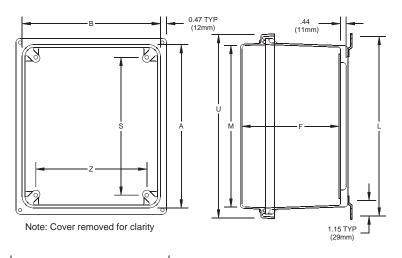
- UL 50 and UL 50E Types 1, 2, 3, 3R, 4, 4X, (6P for sizes 6"x6" up through 14"x12"), 12 and 13
- CSA C22.2 No. 94 Types 1, 2, 3, 3R, 4, 4X, (6P for sizes 6"x6" up through 14"x12"), 12 and 13
- · Complies with:
 - NEMA Types 1, 2, 3, 3R, 4, 4X, (6P for sizes) 6"x6" up through 14"x12"), 12 and 13
 - IEC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

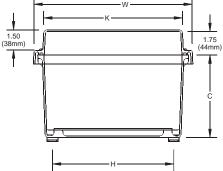
Construction

- 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

- 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







Nominal 1/8" (3mm) wall thickness

				ominai 1/8	(0111111)	wan tino	111000								
Part No.		Box Size			Panel Cen		P	anel Size	es	Foot I Cen	Mount ters		Cove	r Size	
	A	В	C	F	S	Z	Ht.	Wid.	P/N	Н	L	K	M	U	W
AM664R	6.10	6.10	4.18	5.29	4.25	4.25	4.81	4.81	PL66	5.01	7.32	6.08	6.08	7.69	7.69
Alvi004n	155mm	155mm	106mm	134mm	108mm	108mm	122mm	122mm	PLA66	127mm	186mm	154mm	6.08 7.69 154mm 195mm 7.98 9.59 203mm 244mm 10.16 11.73 258mm 299mm 10.16 11.73 258mm 298mm 12.16 13.73 309mm 349mm 12.16 13.72 309mm 348mm 12.16 13.72 309mm 348mm 14.16 15.73 360mm 399mm 15.57 17.87 395mm 454mm 17.70 20.00 450mm 508mm 19.27 21.59	195mm	
AM864R	8.00	6.13	4.14	5.21	6.25	4.25	6.75	4.88	PL86	5.02	9.20	7.71	7.98	9.59	7.71
AIVIO04H	203mm	156mm	105mm	132mm	159mm	108mm	171mm	124mm	PLA86	127mm	234mm	196mm	203mm	244mm	196mm
AM4004D	10.14	8.26	4.13	5.21	8.25	6.25	8.75	6.88	PL108	7.01	11.19	8.29	10.16	11.73	9.90
AM1084R	258mm	210mm	105mm	132mm	210mm	159mm	222mm	175mm	PLA108	178mm	284mm	211mm	258mm	299mm	251mm
A14400CD	10.14	8.26	6.13	7.21	8.25	6.25	8.75	6.88	PL108	7.01	11.19	8.29	10.16	11.73	9.85
AM1086R	258mm	210mm	156mm	183mm	210mm	159mm	222mm	175mm	PLA108	178mm	284mm	211mm	258mm	298mm	250mm
******	12.14	10.26	6.13	7.21	10.25	8.25	10.75	8.88	PL120	9.01	13.19	10.29	12.16	13.73	11.85
AM1206R	308mm	261mm	156mm	183mm	260mm	210mm	273mm	225mm	PLA120	229mm	335mm	261mm	309mm	349mm	301mm
	12.14	12.14	4.13	5.26	10.25	10.25	10.75	10.75	PL122	11.01	13.32	12.16	12.16	13.72	13.72
AM1224R	308mm	308mm	105mm	134mm	260mm	260mm	273mm	273mm	PLA122	280mm	338mm	309mm	309mm	348mm	348mm
******	12.14	12.14	6.13	7.26	10.25	10.25	10.75	10.75	PL122	11.01	13.32	12.16	12.16	13.72	13.72
AM1226R	308mm	308mm	156mm	184mm	260mm	260mm	273mm	273mm	PLA122	280mm	338mm	309mm	309mm	348mm	348mm
****	14.14	12.26	6.13	7.21	12.25	10.25	12.75	10.88	PL142	11.03	15.19	12.29	14.16	15.73	13.85
AM1426R	359mm	312mm	156mm	183mm	311mm	260mm	324mm	276mm	PLA142	280mm	386mm	312mm	360mm	399mm	352mm
*****	16.27	14.40	8.13	9.21	14.25	12.25	14.75	12.88	P164	13.01	17.19	13.70	15.57	17.87	15.99
AM1648R	413mm	366mm	207mm	234mm	362mm	311mm	375mm	327mm	PA164	330mm	437mm	348mm	395mm	454mm	406mm
A144000E	18.40	16.40	8.13	9.22	16.25	14.25	16.88	14.88	P186	14.97	19.28	15.70	17.70	20.00	18.00
AM1868R	467mm	417mm	207mm	234mm	413mm	362mm	429mm	378mm	PA186	380mm	490mm	399mm	450mm	508mm	457mm
4440000	20.00	16.00	8.13	9.21	17.81	13.81	18.44	14.44	P206	14.54	20.84	15.27	19.27	21.59	17.59
AM2068R	508mm	406mm	207mm	234mm	452mm	351mm	468mm	367mm	PA206	369mm	529mm	388mm	489mm	548mm	447mm

All dimensions are in inches unless otherwise noted Sizes 6" x 6" up through 14" x 12" are rated 6P (IP68) Data subject to change without notice

Enclosure base part numbers come standard with 4 separately bagged feet (ex. AM664R)

Additional back panels found on page 128







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

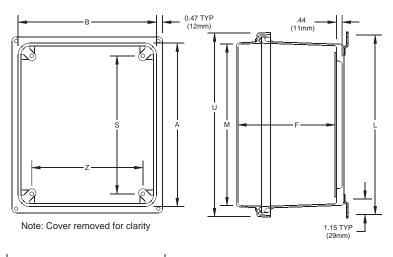
- Strong, molded ULTRAGUARD® fiberglass reinforced polyester material construction with matching raised cover
- UV resistant polycarbonate viewing window
- 316 stainless steel captive cover screws
- Formed-In-Place (FIP) polyurethane gasket system encased in continuous channel
- 316 stainless steel wall 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

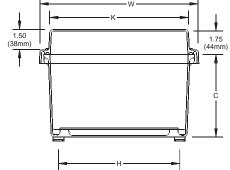
- Optional back panels and hinged front panels
- · Custom holes and cutouts
- Molded-in color matching
- EMI/RFI shielding
- Factory-supplied silk screening

MODS



39





Nominal 1/8" (3mm) wall thickness

Part No.	Box Size			Usable Panel Boss Depth Centers			P	anel Size	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)	
AM664RW	6.10	6.10	4.18	5.18	4.25	4.25	4.81	4.81	PL66	5.01	7.32	6.08	6.08	7.69	7.69	4.25 x 4.25	
AIVIOOTITV	155mm	155mm	106mm	131mm	108mm	108mm	122mm	122mm	PLA66	127mm	186mm	154mm	154mm	195mm	195mm	108mm x 108mm	
AM864RW	8.00	6.13	4.14	5.10	6.25	4.25	6.75	4.88	PL86	5.02	9.20	7.71	7.98	9.59	7.71	6.25 x 4.25	
AIVIOU4NVV	203mm	156mm	105mm	130mm	159mm	108mm	171mm	124mm	PLA86	127mm	234mm	196mm	203mm	244mm	196mm	159mm x 108mm	
AM1084RW	10.14	8.26	4.13	5.10	8.25	6.25	8.75	6.88	PL108	7.01	11.19	8.29	10.16	11.73	9.90	8.38 x 6.50	
AIVI I UO4HVV	258mm	210mm	105mm	130mm	210mm	159mm	222mm	175mm	PLA108	178mm	284mm	211mm	258mm	299mm	251mm	213mm x 165mm	
AM1086RW	10.14	8.26	6.13	7.12	8.25	6.25	8.75	6.88	PL108	7.01	11.19	8.29	10.16	11.73	9.85	8.38 x 6.50	
AIVITUODHVV	258mm	210mm	156mm	181mm	210mm	159mm	222mm	175mm	PLA108	178mm	284mm	211mm	258mm	298mm	250mm	213mm x 165mm	
A B 44 OO C D VA /	12.14	10.26	6.13	7.10	10.25	8.25	10.75	8.88	PL120	9.01	13.19	10.29	12.16	13.73	11.85	10.38 x 8.50	
AM1206RW	308mm	261mm	156mm	180mm	260mm	210mm	273mm	225mm	PLA120	229mm	335mm	261mm	309mm	349mm	301mm	264mm x 216mm	
A B 44 00 4 D V V	12.14	12.14	4.13	5.15	10.25	10.25	10.75	10.75	PL122	11.01	13.32	12.16	12.16	13.72	13.72	10.38 x 10.38	
AM1224RW	308mm	308mm	105mm	131mm	260mm	260mm	273mm	273mm	PLA122	280mm	338mm	309mm	309mm	348mm	348mm	264mm x 264mm	
A B 44 OOC D) b /	12.14	12.14	6.13	7.15	10.25	10.25	10.75	10.75	PL122	11.01	13.32	12.16	12.16	13.72	13.72	10.38 x 10.38	
AM1226RW	308mm	308mm	156mm	182mm	260mm	260mm	273mm	273mm	PLA122	280mm	338mm	309mm	309mm	348mm	348mm	264mm x 264mm	
A B 44 400 D VA /	14.14	12.26	6.13	7.10	12.25	10.25	12.75	10.88	PL142	11.03	15.19	12.29	14.16	15.73	13.85	12.38 x 10.50	
AM1426RW	359mm	312mm	156mm	180mm	311mm	260mm	324mm	276mm	PLA142	280mm	386mm	312mm	360mm	399mm	352mm	314mm x 267mm	
A B 44 C 4 O D VA /	16.27	14.40	8.13	9.10	14.25	12.25	14.75	12.88	P164	13.01	17.19	13.70	15.57	17.87	15.99	13.00 x 11.00	
AM1648RW	413mm	366mm	207mm	231mm	362mm	311mm	375mm	327mm	PA164	330mm	437mm	348mm	395mm	454mm	406mm	330mm x 279mm	
A B 44 OCODP34	18.40	16.40	8.13	9.11	16.25	14.25	16.88	14.88	P186	14.97	19.28	15.70	17.70	20.00	18.00	14.00 x 12.00	
AM1868RW	467mm	417mm	207mm	231mm	413mm	362mm	429mm	378mm	PA186	380mm	490mm	399mm	450mm	508mm	457mm	356mm x 305mm	
AMAGGGGDWA	20.00	16.00	8.13	9.10	17.81	13.81	18.44	14.44	P206	14.54	20.84	15.27	19.27	21.59	17.59	15.00 x 11.00	
AM2068RW	508mm	406mm	207mm	231mm	452mm	351mm	468mm	367mm	PA206	369mm	529mm	388mm	489mm	548mm	447mm	381mm x 279mm	

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







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

- 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



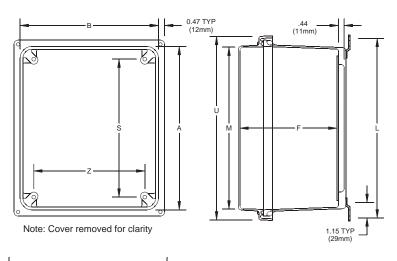
AM SERIES

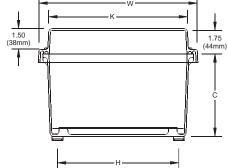
AMHD-R

POLYLINE® ACCESSORIES

TECHNICAL







Nominal 1/8" (3mm) wall thickness

Part No.	Box Size			Usable Depth	Panel Cen		P	anel Size	es	Foot Mount Centers		Cover Size			
	A	В	C	F	S	Z	Ht.	Wid.	P/N	Н	L	K	M	U	W
AM664RH	6.10	6.10	4.18	5.29	4.25	4.25	4.81	4.81	PL66	5.01	7.32	6.08	6.08	7.69	7.69
AIVI004KIT	155mm	155mm	106mm	134mm	108mm	108mm	122mm	122mm	PLA66	127mm	186mm	154mm	154mm	195mm	195mm
AM064DH	8.00	6.13	4.14	5.21	6.25	4.25	6.75	4.88	PL86	5.02	9.20	7.71	7.98	9.59	7.71
AM864RH	203mm	156mm	105mm	132mm	159mm	108mm	171mm	124mm	PLA86	127mm	234mm	196mm	203mm	244mm	196mm
AM1084RH	10.14	8.26	4.13	5.21	8.25	6.25	8.75	6.88	PL108	7.01	11.19	8.29	10.16	11.73	9.90
AIVI I UO4KIT	258mm	210mm	105mm	132mm	210mm	159mm	222mm	175mm	PLA108	178mm	284mm	211mm	258mm	299mm	251mm
AM4.00CDLI	10.14	8.26	6.13	7.21	8.25	6.25	8.75	6.88	PL108	7.01	11.19	8.29	10.16	11.73	9.85
AM1086RH	258mm	210mm	156mm	183mm	210mm	159mm	222mm	175mm	PLA108	178mm	284mm	211mm	258mm	298mm	250mm
A M 4 000 D L I	12.14	10.26	6.13	7.21	10.25	8.25	10.75	8.88	PL120 PLA120	9.01	13.19	10.29	12.16	13.73	11.85
AM1206RH	308mm	261mm	156mm	183mm	260mm	210mm	273mm	225mm		229mm	335mm	261mm	309mm	349mm	301mm
AM4004DU	12.14	12.14	4.13	5.26	10.25	10.25	10.75	10.75	PL122	11.01	13.32	12.16	12.16	13.72	13.72
AM1224RH	308mm	308mm	105mm	134mm	260mm	260mm	273mm	273mm	PLA122	280mm	338mm	309mm	309mm	348mm	348mm
A. A	12.14	12.14	6.13	7.26	10.25	10.25	10.75	10.75	PL122	11.01	13.32	12.16	12.16	13.72	13.72
AM1226RH	308mm	308mm	156mm	184mm	260mm	260mm	273mm	273mm	PLA122	280mm	338mm	309mm	309mm	348mm	348mm
A. A. 400 P. L.	14.14	12.26	6.13	7.21	12.25	10.25	12.75	10.88	PL142	11.03	15.19	12.29	14.16	15.73	13.85
AM1426RH	359mm	312mm	156mm	183mm	311mm	260mm	324mm	276mm	PLA142	280mm	386mm	312mm	360mm	399mm	352mm
AM4C40DU	16.27	14.40	8.13	9.21	14.25	12.25	14.75	12.88	P164	13.01	17.19	13.70	15.57	17.87	15.99
AM1648RH	413mm	366mm	207mm	234mm	362mm	311mm	375mm	327mm	PA164	330mm	437mm	348mm	395mm	454mm	406mm
AM4.060DU	18.40	16.40	8.13	9.22	16.25	14.25	16.88	14.88	P186	14.97	19.28	15.70	17.70	20.00	18.00
AM1868RH	467mm	417mm	207mm	234mm	413mm	362mm	429mm	378mm	PA186	380mm	490mm	399mm	450mm	508mm	457mm
AMOOCODU	20.00	16.00	8.13	9.21	17.81	13.81	18.44	14.44	P206	14.54	20.84	15.27	19.27	21.59	17.59
AM2068RH	508mm	406mm	207mm	234mm	452mm	351mm	468mm	367mm	PA206	369mm	529mm	388mm	489mm	548mm	447mm

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. AM664RH) Additional back panels found on page 128





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

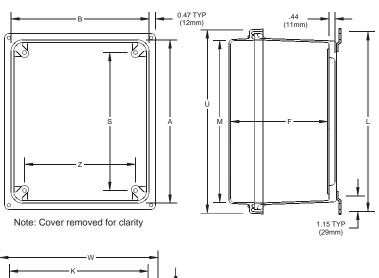
Standards

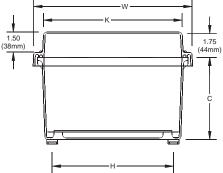
- UL 50 and UL 50E Types 1, 2, 3, 3R, 4, 4X, 12 and 13
- CSA C22.2 No. 94 Types 1, 2, 3, 3R, 4, 4X, 12 and 13
- · Complies with:
 - NEMA Types 1, 2, 3, 3R, 4, 4X, 12 and 13
 - IEC 60529 Type IP66
 - RoHS directive

Construction

- Strong, molded ULTRAGUARD® fiberglass reinforced polyester material construction with matching raised cover
- UV resistant polycarbonate viewing window
- 316 stainless steel captive cover screws
- 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

- 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





Nominal 1/8" (3mm) wall thickness

Part No.	B	ox Siz	e	Usable Depth	Panel Cen		P	anel Size	es		Mount ters		Cove	r Size		Window Dimension
	A	В	C	F	S	Z	Ht.	Wid.	P/N	Н	L	K	M	U	W	(Height x Width)
AM664RHW	6.10	6.10	4.18	5.18	4.25	4.25	4.81	4.81	PL66	5.01	7.32	6.08	6.08	7.69	7.69	4.25 x 4.25
AIVI004KHVV	155mm	155mm	106mm	131mm	108mm	108mm	122mm	122mm	PLA66	127mm	186mm	154mm	154mm	195mm	195mm	108mm x 108mm
AM864RHW	8.00	6.13	4.14	5.10	6.25	4.25	6.75	4.88	PL86	5.02	9.20	7.71	7.98	9.59	7.71	6.25 x 4.25
AIVI004KITVV	203mm	156mm	105mm	130mm	159mm	108mm	171mm	124mm	PLA86	127mm	234mm	196mm	203mm	244mm	196mm	159mm x 108mm
AM1084RHW	10.14	8.26	4.13	5.10	8.25	6.25	8.75	6.88	PL108	7.01	11.19	8.29	10.16	11.73	9.90	8.38 x 6.50
AIVITUO4NTIVV	258mm	210mm	105mm	130mm	210mm	159mm	222mm	175mm	PLA108	178mm	284mm	211mm	258mm	299mm	251mm	213mm x 165mm
AM1086RHW	10.14	8.26	6.13	7.12	8.25	6.25	8.75	6.88	PL108	7.01	11.19	8.29	10.16	11.73	9.85	8.38 x 6.50
AIVITUOUNTIVV	258mm	210mm	156mm	181mm	210mm	159mm	222mm	175mm	PLA108	178mm	284mm	211mm	258mm	298mm	250mm	213mm x 165mm
AM1206RHW	12.14	10.26	6.13	7.10	10.25	8.25	10.75	8.88	PL120	9.01	13.19	10.29	12.16	13.73	11.85	10.38 x 8.50
AIVITZUUNNV	308mm	261mm	156mm	180mm	260mm	210mm	273mm	225mm	PLA120	229mm	335mm	261mm	309mm	349mm	301mm	264mm x 216mm
AM1224RHW	12.14	12.14	4.13	5.15	10.25	10.25	10.75	10.75	PL122	11.01	13.32	12.16	12.16	13.72	13.72	10.38 x 10.38
AIVI1224NTIV	308mm	308mm	105mm	131mm	260mm	260mm	273mm	273mm	PLA122	280mm	338mm	309mm	309mm	348mm	348mm	264mm x 264mm
AM1226RHW	12.14	12.14	6.13	7.15	10.25	10.25	10.75	10.75	PL122	11.01	13.32	12.16	12.16	13.72	13.72	10.38 x 10.38
AIVITZZONTIV	308mm	308mm	156mm	182mm	260mm	260mm	273mm	273mm	PLA122	280mm	338mm	309mm	309mm	348mm	348mm	264mm x 264mm
AM1426RHW	14.14	12.26	6.13	7.10	12.25	10.25	12.75	10.88	PL142	11.03	15.19	12.29	14.16	15.73	13.85	12.38 x 10.50
AIVI1420NTIVV	359mm	312mm	156mm	180mm	311mm	260mm	324mm	276mm	PLA142	280mm	386mm	312mm	360mm	399mm	352mm	314mm x 267mm
AM1648RHW	16.27	14.40	8.13	9.10	14.25	12.25	14.75	12.88	P164	13.01	17.19	13.70	15.57	17.87	15.99	13.00 x 11.00
AIVI1040NTIVV	413mm	366mm	207mm	231mm	362mm	311mm	375mm	327mm	PA164	330mm	437mm	348mm	395mm	454mm	406mm	330mm x 279mm
AM1868RHW	18.40	16.40	8.13	9.11	16.25	14.25	16.88	14.88	P186 PA186	14.97	19.28	15.70	17.70	20.00	18.00	14.00 x 12.00
AIVITOUONTIVV	467mm	417mm	207mm	231mm	413mm	362mm	429mm	378mm		380mm	490mm	399mm	450mm	508mm	457mm	356mm x 305mm
AM2068RHW	20.00	16.00	8.13	9.10	17.81	13.81	18.44	14.44		14.54	20.84	15.27	19.27	21.59	17.59	15.00 x 11.00
MIVIZUUONNV	508mm	406mm	207mm	231mm	452mm	351mm	468mm	367mm	PA206	369mm	529mm	388mm	489mm	548mm	447mm	381mm x 279mm

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









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

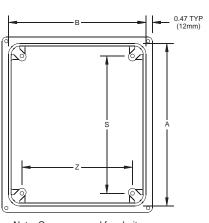
Construction

- 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

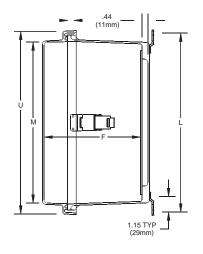
- Optional back panels and hinged front panels
- Custom holes and cutouts
- Custom size polycarbonate viewing windows
- Hinge installed on short side
- Molded-in color matching
- EMI/RFI shielding
- · Factory-supplied silk screening



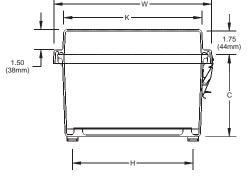
AM-R



Note: Cover removed for clarity



LATCH LOCATIONS



Nominal 1/8" (3mm) wall thickness

FOR USE ON: 6x6x4 8x6x4 10x8x4,6	FOI 12x10x6 D=8.00 (203 mm 12x12x4,6 D=8.00 (203 m 14x12x6 D=8.50 (216 mm	nm) 18x16x8 D=6.50 (165 mm)

Part No.	E	Box Siz	е	Usable Depth	Panel Cen	Boss ters	P	anel Size	es		Mount ters		Cove	r Size	
	A	В	C	F	S	Z	Ht.	Wid.	P/N	Н	L	K	M	U	W
AM664RL	6.10	6.10	4.18	5.29	4.25	4.25	4.81	4.81	PL66	5.01	7.32	6.08	6.08	7.69	7.69
AIVI004NL	155mm	155mm	106mm	134mm	108mm	108mm	122mm	122mm	PLA66	127mm	186mm	154mm	154mm	195mm	195mm
AM864RL	8.00	6.13	4.14	5.21	6.25	4.25	6.75	4.88	PL86	5.02	9.20	7.71	7.98	9.59	7.71
AIVI864KL	203mm	156mm	105mm	132mm	159mm	108mm	171mm	124mm	PLA86	127mm	234mm	196mm	203mm	244mm	196mm
A B 44 00 4 D I	10.14	8.26	4.13	5.21	8.25	6.25	8.75	6.88	PL108	7.01	11.19	8.29	10.16	11.73	9.90
AM1084RL	258mm	210mm	105mm	132mm	210mm	159mm	222mm	175mm	PLA108	178mm	284mm	211mm	258mm	299mm	251mm
AM1086RL	10.14	8.26	6.13	7.21	8.25	6.25	8.75	6.88	PL108	7.01	11.19	8.29	10.16	11.73	9.85
AWITUOORL	258mm	210mm	156mm	183mm	210mm	159mm	222mm	175mm	PLA108	178mm	284mm	211mm	258mm	298mm	250mm
ANALOOCDI	12.14	10.26	6.13	7.21	10.25	8.25	10.75	8.88	PL120 PL120 PL120	9.01	13.19	10.29	12.16	13.73	11.85
AM1206RL	308mm	261mm	156mm	183mm	260mm	210mm	273mm	225mm	PLA120	229mm	335mm	261mm	309mm	349mm	301mm
AM1224RL	12.14	12.14	4.13	5.26	10.25	10.25	10.75	10.75		11.01	13.32	12.16	12.16	13.72	13.72
AWI1224KL	308mm	308mm	105mm	134mm	260mm	260mm	273mm	273mm	PLA122	280mm	338mm	309mm	309mm	348mm	348mm
ANALOOCDI	12.14	12.14	6.13	7.26	10.25	10.25	10.75	10.75	PL122	11.01	13.32	12.16	12.16	13.72	13.72
AM1226RL	308mm	308mm	156mm	184mm	260mm	260mm	273mm	273mm	PLA122	280mm	338mm	309mm	309mm	348mm	348mm
AM1426RL	14.14	12.26	6.13	7.21	12.25	10.25	12.75	10.88	PL142	11.03	15.19	12.29	14.16	15.73	13.85
AWI1420KL	359mm	312mm	156mm	183mm	311mm	260mm	324mm	276mm	PLA142	280mm	386mm	312mm	360mm	399mm	352mm
AMACAODI	16.27	14.40	8.13	9.21	14.25	12.25	14.75	12.88	P164	13.01	17.19	13.70	15.57	17.87	15.99
AM1648RL	413mm	366mm	207mm	234mm	362mm	311mm	375mm	327mm	P164 PA164	330mm	437mm	348mm	395mm	454mm	406mm
AM1868RL	18.40	16.40	8.13	9.22	16.25	14.25	16.88	14.88	P186	14.97	19.28	15.70	17.70	20.00	18.00
AWITOOKL	467mm	417mm	207mm	234mm	413mm	362mm	429mm	378mm	PA186	380mm	490mm	399mm	450mm	508mm	457mm
AMOOGODI	20.00	16.00	8.13	9.21	17.81	13.81	18.44	14.44	P206	14.54	20.84	15.27	19.27	21.59	17.59
AM2068RL	508mm	406mm	207mm	234mm	452mm	351mm	468mm	367mm	PA206	369mm	529mm	388mm	489mm	548mm	447mm

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. AM664RL)

Additional back panels found on page 128







45

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

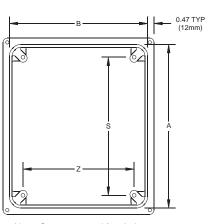
Standards

- 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

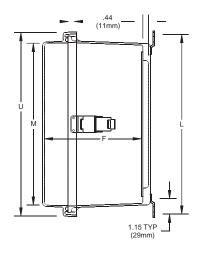
Construction

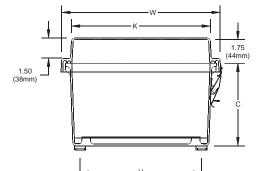
- Strong, molded ULTRAGUARD® fiberglass reinforced polyester material construction with matching raised cover
- UV resistant polycarbonate viewing window
- 316 stainless steel snap latches feature padlock hasp (.375" dia.)
- Continuous 316 stainless steel hinge
- Formed-In-Place (FIP) polyurethane gasket 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

- 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:

12x10x6 D=8.00 (203 mm) 12x12x4,6 D=8.00 (203 mm) 14x12x6 D=8.50 (216 mm)

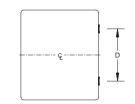
16x14x8 D=8.61 (219 mm) 18x16x8 D=6.50 (165 mm) 20x16x8 D=10.52 (267 mm)



FOR USE ON:

6x6x4 8x6x4

10x8x4,6



Part No.	В	ox Siz	e	Usable Depth	Panel Cen		P	anel Size	es		Mount ters		Cove	r Size		Window Dimension
	A	В	C	F	S	Z	Ht.	Wid.	P/N	Н	L	K	M	U	W	(Height x Width)
AM664RLW	6.10	6.10	4.18	5.18	4.25	4.25	4.81	4.81	PL66	5.01	7.32	6.08	6.08	7.69	7.69	4.25 x 4.25
AIVI004NLVV	155mm	155mm	106mm	131mm	108mm	108mm	122mm	122mm	PLA66	127mm	186mm	154mm	154mm	195mm	195mm	108mm x 108mm
AM864RLW	8.00	6.13	4.14	5.10	6.25	4.25	6.75	4.88	PL86	5.02	9.20	7.71	7.98	9.59	7.71	6.25 x 4.25
AIVI004KLVV	203mm	156mm	105mm	130mm	159mm	108mm	171mm	124mm	PLA86	127mm	234mm	196mm	203mm	244mm	196mm	159mm x 108mm
AA44004DUW	10.14	8.26	4.13	5.10	8.25	6.25	8.75	6.88	PL108	7.01	11.19	8.29	10.16	11.73	9.90	8.38 x 6.50
AM1084RLW	258mm	210mm	105mm	130mm	210mm	159mm	222mm	175mm	PL108 PL108 PLA108	178mm	284mm	211mm	258mm	299mm	251mm	213mm x 165mm
AA4400CDUW	10.14	8.26	6.13	7.12	8.25	6.25	8.75	6.88		7.01	11.19	8.29	10.16	11.73	9.85	8.38 x 6.50
AM1086RLW	258mm	210mm	156mm	181mm	210mm	159mm	222mm	175mm	PLA108	178mm	284mm	211mm	258mm	298mm	250mm	213mm x 165mm
A. 44 000 DUM	12.14	10.26	6.13	7.10	10.25	8.25	10.75	8.88	PL120 PLA120	9.01	13.19	10.29	12.16	13.73	11.85	10.38 x 8.50
AM1206RLW	308mm	261mm	156mm	180mm	260mm	210mm	273mm	225mm		229mm	335mm	261mm	309mm	349mm	301mm	264mm x 216mm
A	12.14	12.14	4.13	5.15	10.25	10.25	10.75	10.75	PL122	11.01	13.32	12.16	12.16	13.72	13.72	10.38 x 10.38
AM1224RLW	308mm	308mm	105mm	131mm	260mm	260mm	273mm	273mm	PLA122	280mm	338mm	309mm	309mm	348mm	348mm	264mm x 264mm
A. 44 000 DUM	12.14	12.14	6.13	7.15	10.25	10.25	10.75	10.75	PL122	11.01	13.32	12.16	12.16	13.72	13.72	10.38 x 10.38
AM1226RLW	308mm	308mm	156mm	182mm	260mm	260mm	273mm	273mm	PLA122	280mm	338mm	309mm	309mm	348mm	348mm	264mm x 264mm
A B 44 40CDL VA/	14.14	12.26	6.13	7.10	12.25	10.25	12.75	10.88	PL142	11.03	15.19	12.29	14.16	15.73	13.85	12.38 x 10.50
AM1426RLW	359mm	312mm	156mm	180mm	311mm	260mm	324mm	276mm	PLA142	280mm	386mm	312mm	360mm	399mm	352mm	314mm x 267mm
A	16.27	14.40	8.13	9.10	14.25	12.25	14.75	12.88	P164	13.01	17.19	13.70	15.57	17.87	15.99	13.00 x 11.00
AM1648RLW	413mm	366mm	207mm	231mm	362mm	311mm	375mm	327mm	PA164	330mm	437mm	348mm	395mm	454mm	406mm	330mm x 279mm
AA44000DL144	18.40	16.40	8.13	9.11	16.25	14.25	16.88	14.88	P186	14.97	19.28	15.70	17.70	20.00	18.00	14.00 x 12.00
AM1868RLW	467mm	417mm	207mm	231mm	413mm	362mm	429mm	378mm	P186 PA186	380mm	490mm	399mm	450mm	508mm	457mm	356mm x 305mm
A \$ 40000 DI 144	20.00	16.00	8.13	9.10	17.81	13.81	18.44	14.44	P206	14.54	20.84	15.27	19.27	21.59	17.59	15.00 x 11.00
AM2068RLW	508mm	406mm	207mm	231mm	452mm	351mm	468mm	367mm	PA206	369mm	529mm	388mm	489mm	548mm	447mm	381mm x 279mm

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

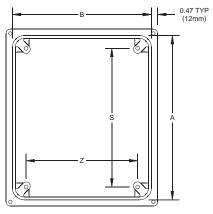
Construction

- 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

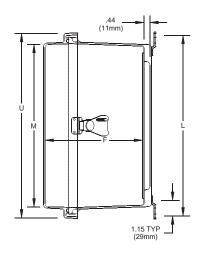
- Optional back panels and hinged front panels
- Custom holes and cutouts
- Custom size polycarbonate viewing windows
- Hinge installed on short side
- Molded-in color matching
- EMI/RFI shielding
- · Factory-supplied silk screening

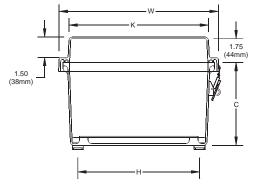
49











Nominal 1/8" (3mm) wall thickness

LATCH LOCATIONS

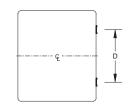
FOR USE ON: FOR USE ON: 12x10x6 D=8.00 (203 mm) 6x6x4

16x14x8 D=8.54 (217 mm) 12x12x4,6 D=8.00 (203 mm) 18x16x8 D=6.50 (165 mm) 14x12x6 D=8.54 (217 mm) 20x16x8 D=10.52 (267 mm)



8x6x4

10x8x4,6



Part No.	В	ox Siz	е	Usable Depth	Panel Cen		P	anel Size	es		Mount ters		Cove	Size	
	Α	В	C	F	S	Z	Ht.	Wid.	P/N	Н	L	K	M	U	W
AM664RT	6.10	6.10	4.18	5.29	4.25	4.25	4.81	4.81	PL66	5.01	7.32	6.08	6.08	7.69	7.69
AIVI004H I	155mm	155mm	106mm	134mm	108mm	108mm	122mm	122mm	PLA66	127mm	186mm	154mm	154mm	195mm	195mm
AMAGGADT	8.00	6.13	4.14	5.21	6.25	4.25	6.75	4.88	PL86	5.02	9.20	7.71	7.98	9.59	7.71
AM864RT	203mm	156mm	105mm	132mm	159mm	108mm	171mm	124mm	PLA86	127mm	234mm	196mm	203mm	244mm	196mm
ANALOGADT	10.14	8.26	4.13	5.21	8.25	6.25	8.75	6.88	PL108	7.01	11.19	8.29	10.16	11.73	9.90
AM1084RT	258mm	210mm	105mm	132mm	210mm	159mm	222mm	175mm	PLA108	178mm	284mm	211mm	258mm	299mm	251mm
ANALOGODT	10.14	8.26	6.13	7.21	8.25	6.25	8.75	6.88	PL108	7.01	11.19	8.29	10.16	11.73	9.85
AM1086RT	258mm	210mm	156mm	183mm	210mm	159mm	222mm	175mm	PLA108	178mm	284mm	211mm	258mm	298mm	250mm
ANALOGOPT	12.14	10.26	6.13	7.21	10.25	8.25	10.75	8.88	PL120 PL120 PLA120	9.01	13.19	10.29	12.16	13.73	11.85
AM1206RT	308mm	261mm	156mm	183mm	260mm	210mm	273mm	225mm	PLA120	229mm	335mm	261mm	309mm	349mm	301mm
ANALOGADT	12.14	12.14	4.13	5.26	10.25	10.25	10.75	10.75	PL122	11.01	13.32	12.16	12.16	13.72	13.72
AM1224RT	308mm	308mm	105mm	134mm	260mm	260mm	273mm	273mm	PLA122	280mm	338mm	309mm	309mm	348mm	348mm
ANALOGOPT	12.14	12.14	6.13	7.26	10.25	10.25	10.75	10.75	PL122	11.01	13.32	12.16	12.16	13.72	13.72
AM1226RT	308mm	308mm	156mm	184mm	260mm	260mm	273mm	273mm	PLA122	280mm	338mm	309mm	309mm	348mm	348mm
AM1426RT	14.14	12.26	6.13	7.21	12.25	10.25	12.75	10.88	PL142	11.03	15.19	12.29	14.16	15.73	13.85
AWI1426KI	359mm	312mm	156mm	183mm	311mm	260mm	324mm	276mm	PLA142	280mm	386mm	312mm	360mm	399mm	352mm
ANACAODT	16.27	14.40	8.13	9.21	14.25	12.25	14.75	12.88	P164	13.01	17.19	13.70	15.57	17.87	15.99
AM1648RT	413mm	366mm	207mm	234mm	362mm	311mm	375mm	327mm	P164 PA164	330mm	437mm	348mm	395mm	454mm	406mm
AMALOGORT	18.40	16.40	8.13	9.22	16.25	14.25	16.88	14.88	P186	14.97	19.28	15.70	17.70	20.00	18.00
AM1868RT	467mm	417mm	207mm	234mm	413mm	362mm	429mm	378mm	PA186	380mm	490mm	399mm	450mm	508mm	457mm
AMAGGGGT	20.00	16.00	8.13	9.21	17.81	13.81	18.44	14.44	P206	14.54	20.84	15.27	19.27	21.59	17.59
AM2068RT	508mm	406mm	207mm	234mm	452mm	351mm	468mm	367mm	PA206	369mm	529mm	388mm	489mm	548mm	447mm

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. AM664RT)

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
- 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

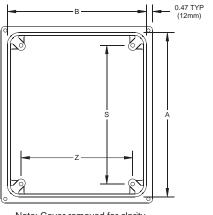
Construction

- 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

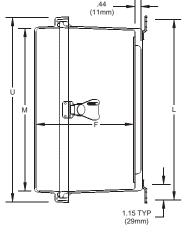
- Optional back panels and hinged front panels
- Custom holes and cutouts
- · Hinge installed on short side
- Molded-in color matching
- EMI/RFI shielding
- Factory-supplied silk screening

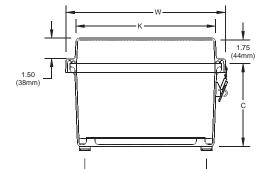
AM-R





Note: Cover removed for clarity



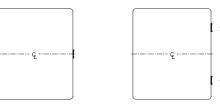


Nominal 1/8" (3mm) wall thickness

LATCH LOCATIONS

FOR USE ON: FOR USE ON:

12x10x6 D=8.00 (203 mm) 16x14x8 D=8.54 (217 mm) 6x6x4 8x6x4 12x12x4,6 D=8.00 (203 mm) 18x16x8 D=6.50 (165 mm) 10x8x4,6 14x12x6 D=8.54 (217 mm) 20x16x8 D=10.52 (267 mm)



Part No.	ŀ	ox Siz	е	Usable Depth	Panel Cen		P	anel Size	es	Foot I Cen	Mount ters		Cove	r Size		Window Dimension
	A	В	C	F	S	Z	Ht.	Wid.	P/N	Н	L	K	M	U	W	(Height x Width)
AM664RTW	6.10	6.10	4.18	5.18	4.25	4.25	4.81	4.81	PL66	5.01	7.32	6.08	6.08	7.69	7.69	4.25 x 4.25
AWOOTHW	155mm	155mm	106mm	131mm	108mm	108mm	122mm	122mm	PLA66	127mm	186mm	154mm	154mm	195mm	195mm	108mm x 108mm
AM864RTW	8.00	6.13	4.14	5.10	6.25	4.25	6.75	4.88	PL86	5.02	9.20	7.71	7.98	9.59	7.71	6.25 x 4.25
AIVIOU+ITI VV	203mm	156mm	105mm	130mm	159mm	108mm	171mm	124mm	PLA86	127mm	234mm	196mm	203mm	244mm	196mm	159mm x 108mm
AM1084RTW	10.14	8.26	4.13	5.10	8.25	6.25	8.75	6.88	PL108	7.01	11.19	8.29	10.16	11.73	9.90	8.38 x 6.50
AWIIUO4NIW	258mm	210mm	105mm	130mm	210mm	159mm	222mm	175mm	PLA108	178mm	284mm	211mm	258mm	299mm	251mm	213mm x 165mm
AM1086RTW	10.14	8.26	6.13	7.12	8.25	6.25	8.75	6.88	PL108 PLA108	7.01	11.19	8.29	10.16	11.73	9.85	8.38 x 6.50
AIVITUOUNTIV	258mm	210mm	156mm	181mm	210mm	159mm	222mm	175mm		178mm	284mm	211mm	258mm	298mm	250mm	213mm x 165mm
AM1206RTW	12.14	10.26	6.13	7.10	10.25	8.25	10.75	8.88	PL120 PLA120	9.01	13.19	10.29	12.16	13.73	11.85	10.38 x 8.50
AIVI1200K1VV	308mm	261mm	156mm	180mm	260mm	210mm	273mm	225mm	PLA120	229mm	335mm	261mm	309mm	349mm	301mm	264mm x 216mm
AN41004DTM/	12.14	12.14	4.13	5.15	10.25	10.25	10.75	10.75	PL122	11.01	13.32	12.16	12.16	13.72	13.72	10.38 x 10.38
AM1224RTW	308mm	308mm	105mm	131mm	260mm	260mm	273mm	273mm	PLA122	280mm	338mm	309mm	309mm	348mm	348mm	264mm x 264mm
AM1226RTW	12.14	12.14	6.13	7.15	10.25	10.25	10.75	10.75	PL122	11.01	13.32	12.16	12.16	13.72	13.72	10.38 x 10.38
AIVI1220K1VV	308mm	308mm	156mm	182mm	260mm	260mm	273mm	273mm	PLA122	280mm	338mm	309mm	309mm	348mm	348mm	264mm x 264mm
AM1426RTW	14.14	12.26	6.13	7.10	12.25	10.25	12.75	10.88	PL142	11.03	15.19	12.29	14.16	15.73	13.85	12.38 x 10.50
AIVI1420KTVV	359mm	312mm	156mm	180mm	311mm	260mm	324mm	276mm	PLA142	280mm	386mm	312mm	360mm	399mm	352mm	314mm x 267mm
AM4640DTM	16.27	14.40	8.13	9.10	14.25	12.25	14.75	12.88	P164	13.01	17.19	13.70	15.57	17.87	15.99	13.00 x 11.00
AM1648RTW	413mm	366mm	207mm	231mm	362mm	311mm	375mm	327mm	PA164	330mm	437mm	348mm	395mm	454mm	406mm	330mm x 279mm
AM1868RTW	18.40	16.40	8.13	9.11	16.25	14.25	16.88	14.88	P186 PA186	14.97	19.28	15.70	17.70	20.00	18.00	14.00 x 12.00
AIVITODONTIV	467mm	417mm	207mm	231mm	413mm	362mm	429mm	378mm		380mm	490mm	399mm	450mm	508mm	457mm	356mm x 305mm
AM2068RTW	20.00	16.00	8.13	9.10	17.81	13.81	18.44	14.44	P206	14.54	20.84	15.27	19.27	21.59	17.59	15.00 x 11.00
AIVIZUOON I W	508mm	406mm	207mm	231mm	452mm	351mm	468mm	367mm	PA206	369mm	529mm	388mm	489mm	548mm	447mm	381mm x 279mm

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









51

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

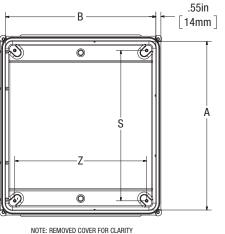
- UL 50 and UL 50E Types 1, 2, 3, 3R, 4, 4X, 12 and 13
- CSA C22.2 No. 94 Types 1, 2, 3, 3R, 4, 4X, 12 and 13
- Complies with:
 - NEMA Types 1, 2, 3, 3R, 4, 4X, 12 and 13
 - IEC 60529 Type IP66
 - RoHS directive

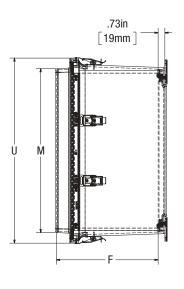
Construction

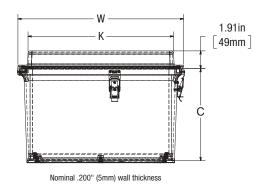
- Strong, molded ULTRAGUARD® fiberglass reinforced polyester material construction with matching raised cover
- 316 stainless steel snap latches feature padlock hasp (.375" dia.)
- Formed-In-Place (FIP) polyurethane gasket system encased in continuous channel
- Polycarbonate flanges installed with (4) 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

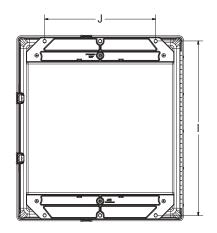
- Optional back panels
- Pole mount kits available
- · Custom holes and cutouts
- Custom size polycarbonate viewing windows
- Molded-in color matching
- EMI/RFI shielding
- Factory-supplied silk screening

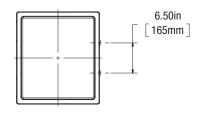












LATCH LOCATIONS

Part No.	В	Box Size			Panel Boss Centers Panel Sizes			es	Flange Mount Centers			Cove	Size		
	A B C		F	S	Z	Ht.	Wid.	P/N	J	- 1	K	M	U	W	
AMHD1860RLF	18.24	16.24	10.13	11.01	16.25	14.25	16.88	14.88	P186	12.00	18.88, 18.76	15.22	17.72	19.91	17.91
AWITID TOOUNER	463mm	412mm	257mm	280mm	413mm	362mm	429mm	378mm	PA186	305mm	480mm, 477mm	387mm	450mm	506mm	455mm

All dimensions are in inches unless otherwise noted Additional back panels found on page 128

Data subject to change without notice







53



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

Control Series

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

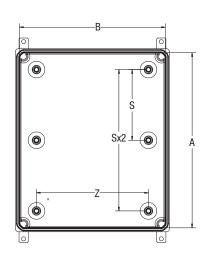
- UL 50 and UL 50E Types 1, 2, 3, 3R, 4, 4X, 12 and 13
- CSA C22.2 No. 94 Types 1, 2, 3, 3R, 4, 4X, 12 and 13
- Complies with:
 - NEMA Types 1, 2, 3, 3R, 4, 4X, 12 and 13
 - IEC 60529 Type IP66
 - RoHS directive

Construction

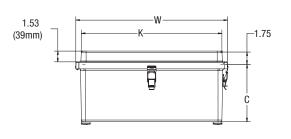
- Strong, molded ULTRAGUARD® fiberglass reinforced polyester material construction with matching raised cover
- Light gray color (RAL 7035)
- 316 stainless steel snap latches feature padlock hasp (.375" dia.)
- (2) 316 stainless steel hinges
- Formed-In-Place (FIP) polyurethane gasket system encased 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

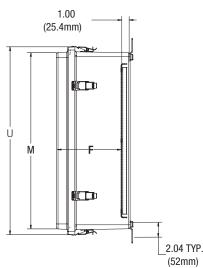


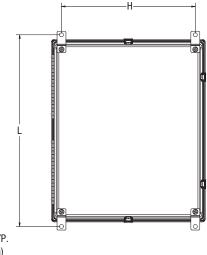


NOTE: COVER REMOVED FOR CLARITY

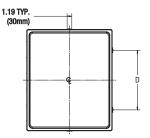


NOMINAL 1/8" (3mm) WALL THICKNESS





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 Ser	ies 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.	B	ox Siz	е	Usable Depth	Panel Boss Centers		Panel Sizes			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
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
AIVI24240N	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
AWIJUZ4ON	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
AIVI24200N	610mm	508mm	257mm	271mm	244mm	387mm	533mm	432mm	PA2420	476mm	682mm	512mm	614mm	650mm	548mm
AM24240R	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
AIVIZ4Z4UK	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. AM24208RL)

Additional back panels found on page 128







CONTROL SERIES

Control Series

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

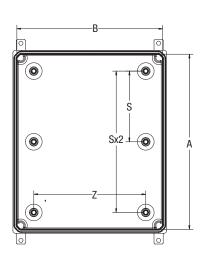
Standards

- 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

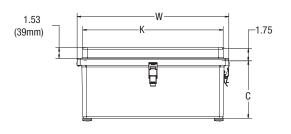
Construction

- 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

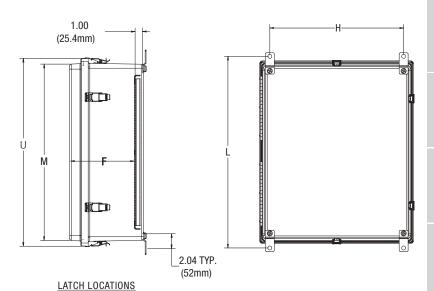
- Optional back panels and hinged front panels
- · Custom holes and cutouts
- Molded-in color matching
- EMI/RFI Shielding
- · Factory-supplied silk screening



NOTE: COVER REMOVED FOR CLARITY



NOMINAL 1/8" (3mm) WALL THICKNESS



1.19 TYP.

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 S	eries 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.	:	ox Siz	е	Usable Depth	Panel Boss Centers Panel Siz			es Foot Mount Centers				Cove	r Size		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
AWIZ4ZUONLVV	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
AIVIZ4Z40NLVV	610mm	610mm	207mm	217mm	244mm	489mm	533mm	533mm	PA2424	578mm	682mm	614mm	614mm	650mm	650mm	406mm x 406mm
AM30248RLW	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
AIVI3U240NLVV	762mm	610mm	207mm	217mm	321mm	489mm	686mm	533mm	PA3024	578mm	834mm	614mm	766mm	802mm	650mm	584mm x 432mm
AM24200RLW	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
AIVI2420URLW	610mm	508mm	257mm	268mm	244mm	387mm	533mm	432mm	PA2420	476mm	682mm	512mm	614mm	650mm	548mm	406mm x 305mm
AM24240RLW	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
AWIZ4Z4URLW	610mm	610mm	257mm	268mm	244mm	489mm	533mm	533mm	PA2424	578mm	682mm	614mm	614mm	650mm	650mm	406mm x 406mm
AM30240RLW	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
AIVIOUZ4URLVV	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







Control Series

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

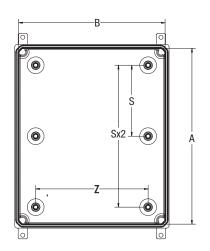
Standards

- 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

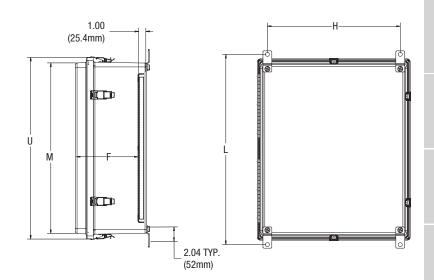
- Strong, molded ULTRAGUARD® fiberglass reinforced polyester material construction with matching raised cover
- Light gray color (RAL 7035)
- 316 stainless steel twist latches feature padlock hasp (.375" dia.)
- (2) 316 stainless steel hinges
- Formed-In-Place (FIP) polyurethane gasket system encased 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

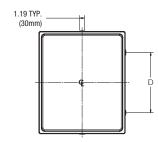




NOMINAL 1/8" (3mm) WALL THICKNESS



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 Ser	ies Latching Options							
Base Part #	Part No. Suffix	Description							
	Т	316 Stainless Steel Twist Latch							
See Chart	3PT	316 Stainless Steel 3-Point Handle							
Below	QT	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.	ß	Box Siz	е	Usable Depth	Panel Cen		P	anel Siz	es	Foot N			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
AM20040D	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
AMZ4ZUUK	610mm	508mm	257mm	271mm	244mm	387mm	533mm	432mm	PA2420	476mm	682mm	512mm	614mm	650mm	548mm
AM24240R	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
AMZ4Z4UK	610mm	610mm	257mm	271mm	244mm	489mm	533mm	533mm	PA2424 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







Control Series

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

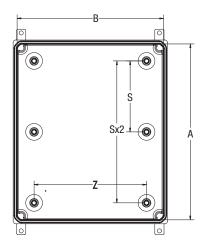
Construction

- · 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

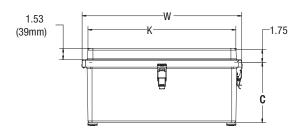
- Optional back panels and hinged front panels
- · Custom holes and cutouts
- Molded-in color matching
- EMI/RFI Shielding
- · Factory-supplied silk screening

AM-R

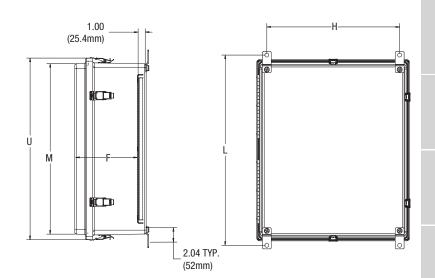
MODS



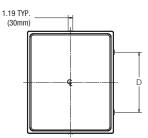
NOTE: COVER REMOVED FOR CLARITY



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 Notes Latching Option Description 316 Stainless Steel 3-Point Handle Available for special order only.

Contact the manufacturer for additional details. Visit our website to view and download all closure option drawings.

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

Part No.	;	ox Siz	е	Usable Depth	Panel Cen		P	anel Siz	es	Foot N			Cove	r Size		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	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
AIVIOUZ40N I VV	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
AIVIZ4ZUUN I VV	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
AIVIZ4Z4UKTW	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









Control XL Series

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

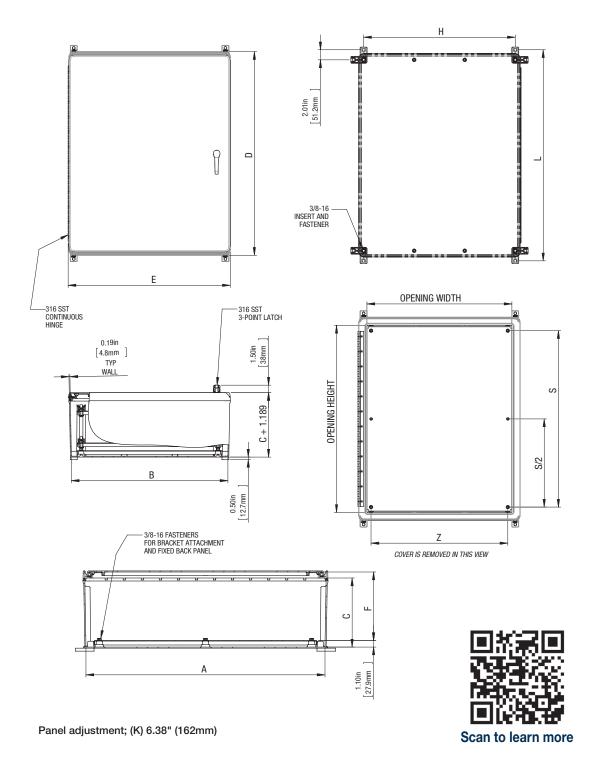
Standards

- 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	ox Siz	е		erall Size	Usable Depth	Foot M Cen			Mount ters	Enclo Ope		Pa	nel Siz	es	Maxi Windo	mum w Size
l		A	В	C	D	E	F	Н	L	S	Z	Ht.	Wid.	Ht.	Wid.	P/N	Ht.	Wid.
ĺ	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	-	-
	AWAL403212L3P1	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)







65



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.



Scan to learn more





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

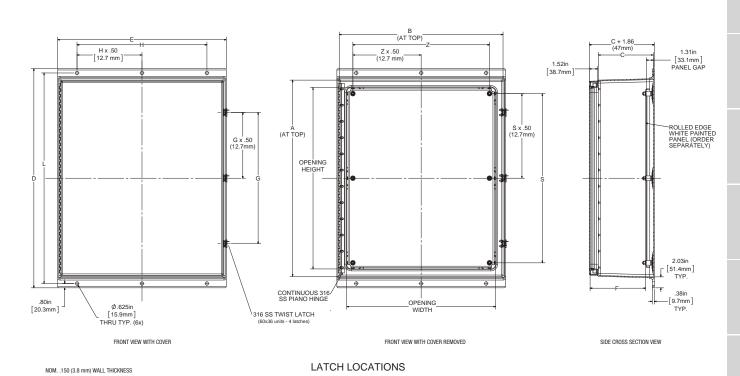
- UL 50 and UL 50E Types 1, 4, and 4X
- CSA C22.2 No. 94 Types 1, 4, and 4X
- · Complies with:
 - NEMA Types 1, 4, and 4X
 - IEC 60529 Type IP66
 - RoHS directive

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 (.375" dia.)
- · Heavy-duty continuous 316 stainless steel hinge
- Fiberglass material has UV inhibitors which provide idea protection from outdoor weathering

- Optional painted carbon steel back panels
- Custom size polycarbonate viewing windows
- HMI cover kits
- Inspection windows
- Optional print pocket

AM-R



FOR USE ON

48x36x12 G=36.26 (921mm) 48x36x16 G=36.26 (921mm) 60x36x12 G=48.26 (1225.80mm) 60x36x16 G=48.26 (1225.80mm)

FOR USE ON

36x30x16 G=24.26 (616.2mm) 36x36x12 G=24.26 (616.2mm) 36x36x16 G=24.26 (616.2mm)

Part No.		ox Size At Top	;	Overa Dimer		Usable Depth		nge ount	Оре	ning	Pa	nel Stu	ds	P	anel Siz	ze
	A	В	C	D	E	F	Н	L	Ht.	Wid.	Studs	S	Z	Ht.	Wid.	P/N
AM363016L	36.05	30.05	14.16	40.50	31.15	14.27	24.00	38.90	33.51	27.51	6	31.26	25.25	33.00	27.00	P3630CS
AMOOOUTOL	916mm	763mm	360mm	1,029mm	791mm	362mm	610mm	988mm	851mm	699mm		794mm	641mm	838mm	686mm	F303003
AM363612L	36.25	36.25	10.16	40.50	37.15	10.27	30.00	38.90	33.51	33.51	8	31.26	31.26	33.00	33.00	P3636CS
AIVI303012L	921mm	921mm	258mm	1,029mm	944mm	261mm	762mm	988mm	851mm	851mm	٥	794mm	794mm	838mm	838mm	P3030US
AM363616L	36.05	36.05	14.16	40.50	37.15	14.27	30.00	38.90	33.51	33.51	8	31.26	31.26	33.00	33.00	P3636CS
AIVI303010L	916mm	916mm	360mm	1,029mm	944mm	362mm	762mm	988mm	851mm	851mm	0	794mm	794mm	838mm	838mm	P3030US
AM483612L	48.25	36.25	10.16	52.50	37.15	10.27	30.00	50.90	45.51	33.51	8	43.26	31.26	45.00	33.00	P4836CS
AIVI403012L	1,226mm	921mm	258mm	1,334mm	944mm	261mm	762mm	1,293mm	1,156mm	851mm	0	1,099mm	794mm	1,143mm	838mm	P4636US
AM483616L	48.05	36.05	14.16	52.50	37.15	14.27	30.00	50.90	45.51	33.51		43.26	31.26	45.00	33.00	P4836CS
AM483616L	1,220mm	916mm	360mm	1,334mm	944mm	362mm	762mm	1,293mm	1,156mm	851mm	8	1,099mm	794mm	1,143mm	838mm	P4836CS
A140000401	60.25	36.25	10.16	64.50	37.15	10.27	30.00	62.90	57.51	33.51	0	55.26	31.26	57.00	33.00	Possono
AM603612L	1,530mm	921mm	258mm	1,638mm	944mm	261mm	762mm	1,598mm	1,461mm	851mm	8	1,404mm	794mm	1,448mm	838mm	P6036CS
AM603616L	60.05	36.05	14.16	64.50	37.15	14.27	30.00	62.90	57.51	33.51		55.26	31.26	57.00	33.00	P6036CS
AIVIDU3D1DL	1,525mm	915mm	360mm	1,638mm	944mm	362mm	762mm	1,598mm	1,461mm	851mm	8	1,404mm	794mm	1,448mm	838mm	PhosbCS

All dimensions are in inches unless otherwise noted







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

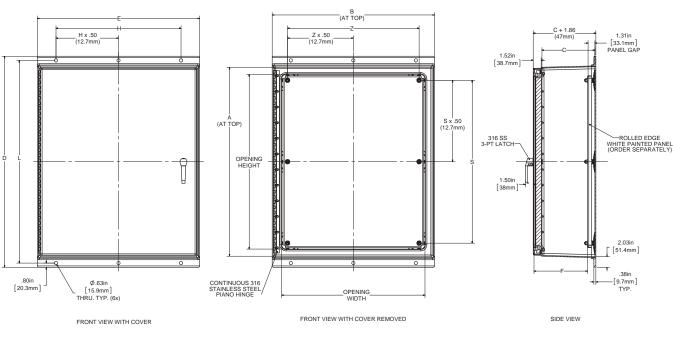
Standards

- 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

- Optional painted carbon steel back panels
- Custom size polycarbonate viewing windows
- HMI cover kits
- Inspection windows
- Optional print pocket



NOM. .150 (3.8mm) WALL THICKNESS

Part No.		ox Size At Top	;	Overa Dimer		Usable Depth		nge unt	Оре	ning	Pa	nel Stu	ds	P	anel Siz	:e
	A	В	C	D	E	F	Н	L	Ht.	Wid.	Studs	S	Z	Ht.	Wid.	P/N
AM363016L3PT	36.05	30.05	14.16	40.50	31.15	14.27	24.00	38.90	33.51	27.51	6	31.26	25.25	33.00	27.00	P3630CS
AWISOSUTOLSFT	916mm	763mm	360mm	1,029mm	791mm	362mm	610mm	988mm	851mm	699mm	0	794mm	641mm	838mm	686mm	F3030C3
AM363612L3PT	36.25	36.25	10.16	40.50	37.15	10.27	30.00	38.90	33.51	33.51	8	31.26	31.26	33.00	33.00	P3636CS
AWISOSOTZLSPT	921mm	921mm	258mm	1,029mm	944mm	261mm	762mm	988mm	851mm	851mm	0	794mm	794mm	838mm	838mm	P3030C5
AM363616L3PT	36.05	36.05	14.16	40.50	37.15	14.27	30.00	38.90	33.51	33.51	8	31.26	31.26	33.00	33.00	P3636CS
AMISOSOTOLSPT	916mm	916mm	360mm	1,029mm	944mm	362mm	762mm	988mm	851mm	851mm	°	794mm	794mm	838mm	838mm	P3030C5
AM483612L3PT	48.25	36.25	10.16	52.50	37.15	10.27	30.00	50.90	45.51	33.51	. 8	43.26	31.26	45.00	33.00	P4836CS
AWI400012LOF1	1,226mm	921mm	258mm	1,334mm	944mm	261mm	762mm	1,293mm	1,156mm	851mm		1,099mm	794mm	1,143mm	838mm	1400003
AM483616L3PT	48.05	36.05	14.16	52.50	37.15	14.27	30.00	50.90	45.51	33.51	8	43.26	31.26	45.00	33.00	P4836CS
AWI403010L3F1	1,220mm	916mm	360mm	1,334mm	944mm	362mm	762mm	1,293mm	1,156mm	851mm	Ů	1,099mm	794mm	1,143mm	838mm	F4030C3
AM603612L3PT	60.25	36.25	10.16	64.50	37.15	10.27	30.00	62.90	57.51	33.51	8	55.26	31.26	57.00	33.00	P6036CS
AWIOUSUIZLSFI	1,530mm	921mm	258mm	1,638mm	944mm	261mm	762mm	1,598mm	1,461mm	851mm		1,404mm	794mm	1,448mm	838mm	P0030CS
AM603616L3PT	60.05	36.05	14.16	64.50	37.15	14.27	30.00	62.90	57.51	33.51	8	55.26	31.26	57.00	33.00	P6036CS
AWOOOTOLOFT	1,525mm	915mm	360mm	1,638mm	944mm	362mm	762mm	1,598mm	1,461mm	851mm	Ů	1,404mm	794mm	1,448mm	838mm	F000003

All dimensions are in inches unless otherwise noted

Data subject to change without notice







71

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

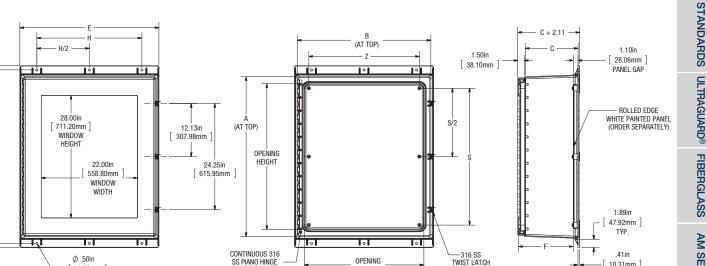


Scan to learn more

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
- 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)

- Optional painted carbon steel back panels
- Custom size polycarbonate viewing windows
- HMI cover kits
- Inspection windows
- Optional print pocket



FRONT VIEW WITH COVER

Ø .50in

[12.70mm]

THRU TYP. (6x)

FRONT VIEW WITH COVER REMOVED

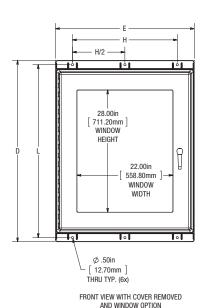
OPENING WIDTH

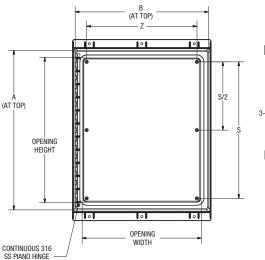
SIDE CROSS SECTION VIEW

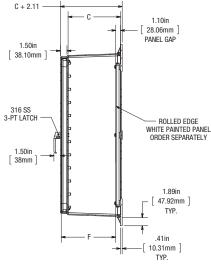
10.31mm]

TYP.

--- 316 SS TWIST LATCH







SIDE CROSS SECTION VIEW

Solid/Opaque

Part No.		ox Size At Top			II Box nsions	Usable Depth		nge unt	Ope	ning	Pa	ınel Stu	ds	P.	anel Siz	:e
	A	В	C	D	E	F	Н	L	Ht.	Wid.	Studs	S	Z	Ht.	Wid.	P/N
AMEC363012T	36.50	30.50	12.03	41.50	31.76	12.48	24.00	39.60	33.30	27.30	6	31.25	25.25	33.00	27.00	P3630CS
AMEC3630123PT	927mm	775mm	306mm	1054mm	807mm	317mm	610mm	1006mm	846mm	693mm		794mm	641mm	838mm	686mm	P3030CS

FRONT VIEW WITH COVER REMOVED

All dimensions are in inches unless otherwise noted

Data subject to change without notice

Viewing Window

Part No.		ox Size At Top	;	Overa Dimer		Usable Depth		nge ount	Оре	ning	Pa	nel Stu	ds	P	anel Siz	e:e
	A	В	C	D	E	F	Н	L	Ht.	Wid.	Studs	S	Z	Ht.	Wid.	P/N
AMEC363012TW	36.50	30.50	12.03	41.50	31.76	12.48	24.00	39.60	33.30	27.30	6	31.25	25.25	33.00	27.00	P3630CS
AMEC3630123PTW	927mm	775mm	306mm	1054mm	807mm	317mm	610mm	1006mm	846mm	693mm	0	794mm	641mm	838mm	686mm	F3030C3

All dimensions are in inches unless otherwise noted Window sizes noted above in drawings







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

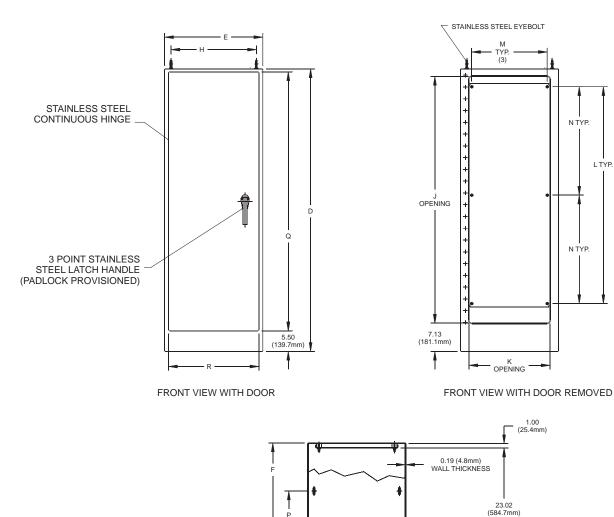
Construction

- 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

- Optional painted carbon steel back panels
- Custom size polycarbonate viewing windows
- HMI cover kits
- Inspection windows
- Optional print pocket



L TYP.



1.54 (39.1mm)

Opt	tional Carbon Steel E	Back Panel
Part No.	Height	Width
P7225CS	57.00	21.00
F122303	1448mm	533mm

Part No.	D	Е	F	Н	J	K	L	M	N	P	Q	R	# Panel Mount Studs
AM722525FS	72.00	25.00	24.50	21.75	62.88	20.63	55.25	19.25	27.63	12.25	66.00	23.00	6
AIVI1 223231 3	1829mm	635mm	622mm	552mm	1597mm	524mm	1403mm	489mm	702mm	311mm	1676mm	584mm	

All dimensions are in inches unless otherwise noted







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

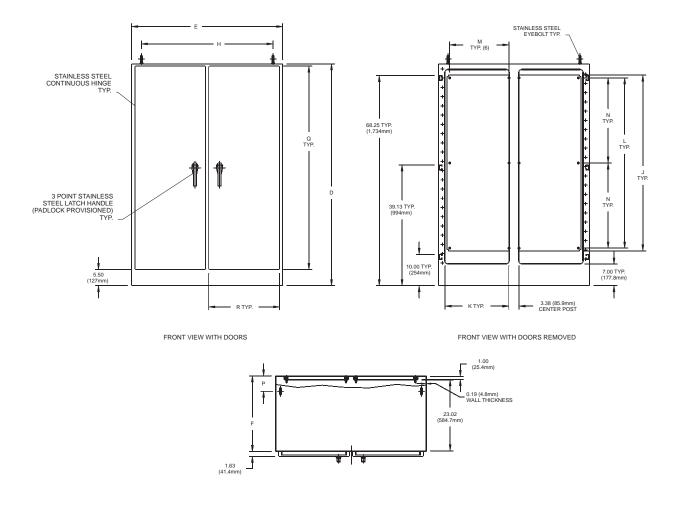
- UL 50 and UL 50E Types 1, 4, and 4X
- CSA C22.2 No. 94 Types 1, 4, and 4X
- · Complies with:
 - NEMA Types 1, 4, and 4X
 - IEC 60529 Type IP66
 - RoHS directive

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

- Optional painted carbon steel back panels
- Custom size polycarbonate viewing windows
- HMI cover kits
- Inspection windows
- Optional print pocket





Opt	ional Carbon Steel E	Back Panel
Part No.	Height	Width
*P7249CS	57.00	21.00
F124903	1448mm	533mm

*Note: Consists of two separate panels

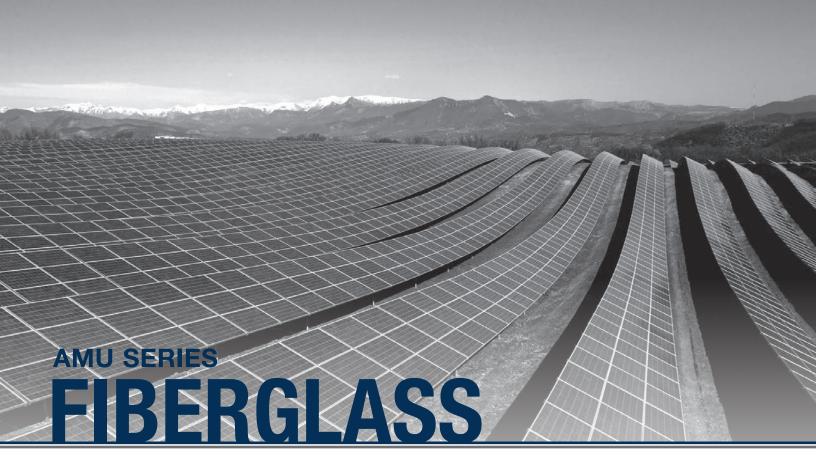
Part No.	D	E	F	Н	J	K	L	M	N	P	Q	R	# Panel Mount Studs
AM724925FSDD	72.00	49.00	24.50	45.25	62.88	20.63	55.25	19.25	27.63	5.00	66.00	23.00	12
AIVI724925F3DD	1829mm	1245mm	622mm	1149mm	1597mm	524mm	1403mm	489mm	702mm	127mm	1676mm	584mm	

All dimensions are in inches unless otherwise noted









U.S. Pat. No. 7,572,975

The ULTRALINE® AMU series fiberglass product family from Allied Moulded was developed primarily for OEM (Original Equipment Manufacturer) panel builder applications requiring JIC sizes. These enclosures offer features such as patented multi-mounting capabilities, field installable HFPU (hinged front panel ULTRALINE) accessories, and clear polycarbonate covers for instrumentation applications. ULTRALINE has a more modern exterior design in a flush, cover-to-base contour which many system integrators prefer for improved system aesthetics. Available sizes include 6" x 6" x 4" (152mm x 152mm x 102mm) up through 20" x 16" x 10" (508mm x 406mm x 254mm).









AMU Series Features & Benefits

- Molded ULTRAGUARD® fiberglass reinforced polyester (FRP) material construction for durability
- · Cover to base design flush, aesthetically pleasing and more modern architecture
- Patented (US Pat. No. 7,572,975) multi-mounting capability
 - Out-of-the-box polycarbonate flange design (factory installed)
 - Optional polycarbonate foot mount brackets for multi-directional mounting (vertical or horizontal positioning)
 - 316 stainless steel foot/flange mounting screws
- Solid opaque or clear polycarbonate cover options
- Partial molded hinges with 316 stainless steel secure hinge pin - no wall penetrations
- Formed-In-Place (FIP) polyurethane gasket system
- · Mounting panel inserts for optional back panel
- · UV stabilized for outdoor use

AMU 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 and 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
- 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.

INDEX



JIC SIZE JUNCTION BOXES

Cover Type

Solid/Opaque

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

Standards

- UL 50 and UL 50E Types 1, 2, 3, 3R, 4, 4X, 6P, 12 and 13
- CSA C22.2 No. 94 Types 1, 2, 3, 3R, 4, 4X, 6P, 12 and 13
- · Complies with:
 - NEMA Types 1, 2, 3, 3R, 4, 4X, 6P, 12 and 13
 - IEC 60529 Type IP68 submersible up to 24 hours at a depth of 6 feet (1.8 meters)
 - RoHS directive

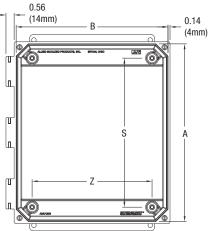
Construction

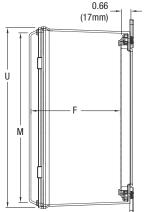
- Compression molded fiberglass reinforced polyester construction with flush, solid/opaque cover
- Allied Moulded ULTRAGUARD® fiberglass reinforced polyester material formulation - UV stabilized for outdoor use
- Opaque cover, base, feet, flanges Light gray color (RAL 7035) Note: foot models mounting hardware supplied in a bag. Flanged models are pre-assembled
- 316 stainless steel captive cover screws
- Formed-In-Place (FIP) polyurethane gasket system encased in continuous channel
- Polycarbonate foot/flange mounting brackets with 316 stainless steel fasteners
- #10-32 threaded brass inserts are installed for back panel mounting

- · 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

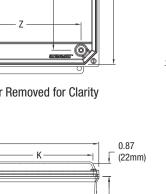


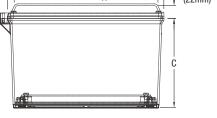
AM-R



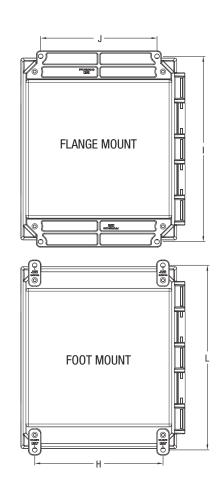


Note: Cover Removed for Clarity





*Nom. Wall Thickness: .13 (3mm) 16" size: .16 (4mm) 18" & 20" sizes: .19 (5mm)



Part No.	E	Box Siz	е	Usable Depth	Panel Cen	Boss ters	Bacl	k Panel	Size	_	Mount nters	Foot N			Cove	r Size	
	A	В	C	F	S	Z	Ht.	Wid.	P/N	J	I	Н	L	K	M	W	U
AMU664	6.04	6.26	4.12	4.09	4.25	4.25	4.81	4.81	PL66	4.00	6.88, 6.75	4.91	6.75	5.70	5.53	6.72	6.50
AMU664F	153mm	159mm	105mm	103mm	108mm	108mm	122mm	122mm	PLA66	102mm	175, 171mm	125mm	171mm	145mm	140mm	171mm	165mm
AMU864	8.06	6.28	4.13	4.11	6.25	4.25	6.75	4.88	PL86	4.00	8.88, 8.75	4.91	8.75	5.75	7.53	6.72	8.50
AMU864F	205mm	160mm	105mm	104mm	159mm	108mm	171mm	124mm	PLA86	102mm	222, 226mm	125mm	222mm	146mm	191mm	171mm	216mm
AMU1084	10.05	8.27	4.13	4.12	8.25	6.25	8.75	6.88	PL108	6.00	10.75	6.91	10.75	7.75	9.53	8.72	10.50
AMU1084F	255mm	210mm	105mm	105mm	210mm	159mm	222mm	175mm	PLA108	152mm	273mm	176mm	273mm	197mm	242mm	221mm	267mm
★ AMU1086	10.04	8.26	6.13	6.10	8.25	6.25	8.75	6.88	PL108	6.00	10.75	6.91	10.75	7.75	9.53	8.72	10.50
AMU1086F	255mm	210mm	156mm	155mm	210mm	159mm	222mm	175mm	PLA108	152mm	273mm	175mm	273mm	197mm	242mm	221mm	267mm
AMU1206	12.05	10.27	6.13	6.12	10.25	8.25	10.75	8.88	PL120	8.00	12.75	8.82	12.70	9.75	11.53	10.72	12.50
AMU1206F	306mm	261mm	156mm	155mm	260mm	210mm	273mm	226mm	PLA120	203mm	324mm	224mm	323mm	248mm	293mm	272mm	318mm
AMU1426	14.05	12.27	6.13	6.11	12.25	10.25	12.75	10.88	PL142	10.01	14.75, 14.62	10.82	14.70	11.75	13.53	12.72	14.50
AMU1426F	357mm	312mm	156mm	155mm	311mm	260mm	324mm	276mm	PLA142	254mm	375, 371mm	275mm	373mm	298mm	344mm	323mm	368mm
AMU1648	16.05	14.27	8.14	8.09	14.25	12.25	14.75	12.88	P164	12.00	16.75	11.47	16.91	13.75	15.53	14.72	16.50
AMU1648F	408mm	362mm	207mm	205mm	362mm	311mm	375mm	327mm	PA164	305mm	425mm	291mm	430mm	349mm	394mm	374mm	419mm
AMU1860	18.12	16.34	10.13	10.10	16.26	14.25	16.88	14.88	P186	12.00	18.88, 18.76	13.72	19.16	15.75	17.78	16.97	18.75
AMU1860F	460mm	415mm	257mm	257mm	413mm	362mm	429mm	378mm	PA186	305mm	480, 477mm	348mm	487mm	400mm	452mm	431mm	476mm
AMU2060	19.87	16.09	10.14	10.09	17.81	13.81	18.44	14.44	P206	10.00	21.28	13.16	20.53	15.75	19.53	16.72	20.50
AMU2060F	505mm	409mm	257mm	256mm	452mm	351mm	468mm	367mm	PA206	254mm	541mm	334mm	521mm	400mm	496mm	425mm	521mm

All dimensions are in inches unless otherwise noted

"I" dimensions with multiple numbers indicate slotted holes

All sizes 6" x 6" x 4" up through 20" x 16" x 10" are rated 6P (IP68)

Enclosure base part numbers come standard with 4 separately bagged feet (ex. AMU664)

Part numbers with "F" signify factory installed flanges (ex. AMU664F)

Additional back panels found on page 128

★Coming soon!











JIC SIZE JUNCTION BOXES

Cover Type

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
- Clear polycarbonate viewing window, used in applications where critical electronic equipment must be visible and protected from the elements

Standards

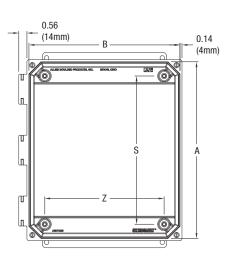
- UL 50 and UL 50E Types 1, 2, 3, 3R, 4, 4X, 12 and 13
- CSA C22.2 No. 94 Types 1, 2, 3, 3R, 4, 4X, 12 and 13
- Complies with:
 - NEMA Types 1, 2, 3, 3R, 4, 4X, 12 and 13
 - IEC 60529 Type IP66
 - RoHS directive

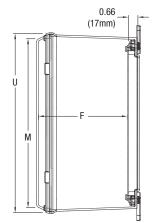
Construction

- Compression molded fiberglass reinforced polyester construction with flush, polycarbonate viewing window cover
- Allied Moulded ULTRAGUARD® fiberglass reinforced polyester material formulation - UV stabilized for outdoor use
- Opaque cover, base, feet, flanges Light gray color (RAL 7035) Note: foot models mounting hardware supplied in a bag. Flanged models are pre-assembled
- 316 stainless steel captive cover screws
- Formed-In-Place (FIP) polyurethane gasket system encased in continuous channel
- · Polycarbonate foot/flange mounting brackets with 316 stainless steel fasteners
- #10-32 threaded brass inserts are installed for back panel mounting

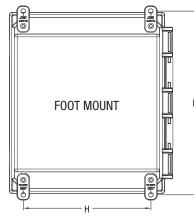
- Optional back panels and hinged front panels
- · Custom holes and cutouts
- Molded-in color matching
- EMI/RFI shielding
- Factory-supplied silk screening



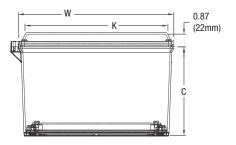




FLANGE MOUNT







*Nom. Wall Thickness: .13 (3mm) 16" size: .16 (4mm) 18" & 20" sizes: .19 (5mm)

Part No.	В	ox Siz	е	Usable Depth	Pa Bo Cen	SS	Back	. Panel	Size	M	ange ount nters		ot unt ters		Cove	r Size		Window Dim. (H x W)
	A	В	C	F	S	Z	Ht.	Wid.	P/N	J	I	Н	L	K	M	W	U	(II X W)
AMU664W	6.04	6.26	4.13	3.99	4.25	4.25	4.81	4.81	PL66	4.00	6.88, 6.75	4.91	6.75	5.70	5.53	6.72	6.50	3.50 x 3.50
AMU664WF	153mm	159mm	105mm	101mm	108mm	108mm	122mm	122mm	PLA66	102mm	175, 171mm	125mm	171mm	145mm	140mm	171mm	165mm	89mm x 89mm
AMU864W	8.06	6.28	4.13	4.00	6.25	4.25	6.75	4.88	PL86	4.00	8.88, 8.75	4.91	8.75	5.75	7.53	6.72	8.50	5.25 x 4.00
AMU864WF	205mm	160mm	105mm	102mm	159mm	108mm	171mm	124mm	PLA86	102mm	222, 226mm	125mm	222mm	146mm	191mm	171mm	216mm	133mm x 102mm
AMU1084W	10.05	8.27	4.13	4.00	8.25	6.25	8.75	6.88	PL108	6.00	10.75	6.91	10.75	7.75	9.53	8.72	10.50	6.25 x 4.25
AMU1084WF	255mm	210mm	105mm	102mm	210mm	159mm	222mm	175mm	PLA108	152mm	273mm	176mm	273mm	197mm	242mm	221mm	267mm	159mm x 108mm
AMU1086W	10.04	8.26	6.13	6.10	8.25	6.25	8.75	6.88	PL108	6.00	10.75	6.91	10.75	7.75	9.53	8.72	10.50	6.25 x 4.25
AMU1086WF	255mm	210mm	156mm	155mm	210mm	159mm	222mm	175mm	PLA108	152mm	273mm	175mm	273mm	197mm	242mm	221mm	267mm	159mm x 108mm
AMU1206W	12.05	10.27	6.13	6.00	10.25	8.25	10.75	8.88	PL120	8.00	12.75	8.82	12.70	9.75	11.53	10.72	12.50	8.38 x 6.50
AMU1206WF	306mm	261mm	156mm	153mm	260mm	210mm	273mm	226mm	PLA120	203mm	324mm	224mm	323mm	248mm	293mm	272mm	318mm	213mm x 165mm
AMU1426W	14.05	12.27	6.13	6.00	12.25	10.25	12.75	10.88	PL142	10.01	14.75, 14.62	10.82	14.70	11.75	13.53	12.72	14.50	10.38 x 8.51
AMU1426WF	357mm	312mm	156mm	152mm	311mm	260mm	324mm	276mm	PLA142	254mm	375, 371mm	275mm	373mm	298mm	344mm	323mm	368mm	264mm x 216mm
AMU1648W	16.05	14.27	8.14	7.99	14.25	12.25	14.75	12.88	P164	12.00	16.75	11.47	16.91	13.75	15.53	14.72	16.50	12.38 x 10.50
AMU1648WF	408mm	362mm	207mm	203mm	362mm	311mm	375mm	327mm	PA164	305mm	425mm	291mm	430mm	349mm	394mm	374mm	419mm	314mm x 267mm
AMU1860W	18.12	16.34	10.13	10.00	16.26	14.26	16.88	14.88	P186	12.00	18.88, 18.76	13.72	19.16	15.75	17.78	16.97	18.75	13.00 x 11.00
AMU1860WF	460mm	415mm	257mm	254mm	413mm	362mm	429mm	378mm	PA186	305mm	480, 477mm	348mm	487mm	400mm	452mm	431mm	476mm	330mm x 267mm
AMU2060W	19.87	16.09	10.14	9.99	17.81	13.81	18.44	14.44	P206	10.00	21.28	13.16	20.53	15.75	19.53	16.72	20.50	14.00 x 12.00
AMU2060WF	505mm	409mm	257mm	254mm	452mm	351mm	468mm	367mm	PA206	254mm	540mm	334mm	521mm	400mm	496mm	425mm	521mm	356mm x 305mm

All dimensions are in inches unless otherwise noted

"I" dimensions with multiple numbers indicate slotted holes

Enclosure base part numbers come standard with 4 separately bagged feet (ex. AMU664W)

Part numbers with "F" signify factory installed flanges (ex. AMU664WF)

Additional back panels found on page 128

★Coming soon!











JIC SIZE JUNCTION BOXES

Cover Type

Clear Polycarbonate

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
- Clear polycarbonate instrumentation cover, used in applications where critical electronic equipment must be visible and protected from the elements

Standards

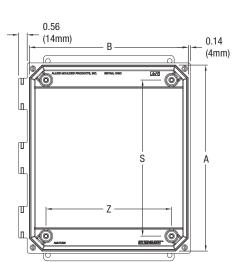
- UL 50 and UL 50E Types 1, 2, 3, 3R, 4, 4X, 6P, 12 and 13
- CSA C22.2 No. 94 Types 1, 2, 3, 3R, 4, 4X, 6P, 12 and 13
- Complies with:
 - NEMA Types 1, 2, 3, 3R, 4, 4X, 6P, 12 and 13
 - IEC 60529 Type IP68 submersible up to 24 hours at a depth of 6 feet (1.8 meters)
 - RoHS directive

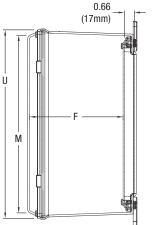
Construction

- Compression molded fiberglass reinforced polyester construction with flush, clear polycarbonate cover
- Allied Moulded ULTRAGUARD® fiberglass reinforced polyester material formulation - UV stabilized for outdoor use
- Enclosure base, feet, flanges Light gray color (RAL 7035) Note: foot models mounting hardware supplied in a bag. Flanged models are pre-assembled
- 316 stainless steel captive cover screws
- Formed-In-Place (FIP) polyurethane gasket system encased in continuous channel
- Polycarbonate foot/flange mounting brackets with 316 stainless steel fasteners
- #10-32 threaded brass inserts are installed for back panel mounting

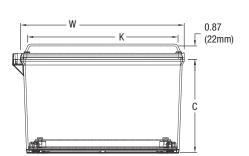
- Optional back panels and hinged front panels
- Custom holes and cutouts
- Molded-in color matching
- EMI/RFI shielding
- Factory-supplied silk screening



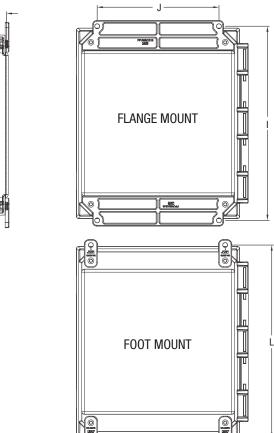




Note: Cover Removed for Clarity



*Nom. Wall Thickness: .13 (3mm) 16" size: .16 (4mm) 18" & 20" sizes: .19 (5mm)



Part No.	E	Box Siz	е	Usable Depth	Panel Cen	Boss ters	Bacl	k Panel	Size	_	e Mount nters	Foot N Cen			Cove	r Size	
	Α	В	C	F	S	Z	Ht.	Wid.	P/N	J	I	Н	L	K	M	W	U
AMU664CC	6.04	6.26	4.12	4.09	4.25	4.25	4.81	4.81	PL66	4.00	6.88, 6.75	4.91	6.75	5.70	5.53	6.72	6.50
AMU664CCF	153mm	159mm	105mm	103mm	108mm	108mm	122mm	122mm	PLA66	102mm	175, 171mm	125mm	171mm	145mm	140mm	171mm	165mm
AMU864CC	8.06	6.28	4.13	4.11	6.25	4.25	6.75	4.88	PL86	4.00	8.88, 8.75	4.91	8.75	5.75	7.53	6.72	8.50
AMU864CCF	205mm	160mm	105mm	104mm	159mm	108mm	171mm	124mm	PLA86	102mm	222, 226mm	125mm	222mm	146mm	191mm	171mm	216mm
AMU1084CC	10.05	8.27	4.13	4.12	8.25	6.25	8.75	6.88	PL108	6.00	10.75	6.91	10.75	7.75	9.53	8.72	10.50
AMU1084CCF	255mm	210mm	105mm	105mm	210mm	159mm	222mm	175mm	PLA108	152mm	273mm	176mm	273mm	197mm	242mm	221mm	267mm
★AMU1086CC	10.04	8.26	6.13	6.10	8.25	6.25	8.75	6.88	PL108	6.00	10.75	6.91	10.75	7.75	9.53	8.72	10.50
AMU1086CCF	255mm	210mm	156mm	155mm	210mm	159mm	222mm	175mm	PLA108	152mm	273mm	175mm	273mm	197mm	242mm	221mm	267mm
AMU1206CC	12.05	10.27	6.13	6.12	10.25	8.25	10.75	8.88	PL120	8.00	12.75	8.82	12.70	9.75	11.53	10.72	12.50
AMU1206CCF	306mm	261mm	156mm	155mm	260mm	210mm	273mm	226mm	PLA120	203mm	324mm	224mm	323mm	248mm	293mm	272mm	318mm
AMU1426CC	14.05	12.27	6.13	6.11	12.25	10.25	12.75	10.88	PL142	10.01	14.75, 14.62	10.82	14.70	11.75	13.53	12.72	14.50
AMU1426CCF	357mm	312mm	156mm	155mm	311mm	260mm	324mm	276mm	PLA142	254mm	375, 371mm	275mm	373mm	298mm	344mm	323mm	368mm
AMU1648CC	16.05	14.27	8.14	8.09	14.25	12.25	14.75	12.88	P164	12.00	16.75	11.47	16.91	13.75	15.53	14.72	16.50
AMU1648CCF	408mm	362mm	207mm	205mm	362mm	311mm	375mm	327mm	PA164	305mm	425mm	291mm	430mm	349mm	394mm	374mm	419mm
★ AMU2060CC	19.87	16.09	10.14	10.09	17.81	13.81	18.44	14.44	P206	10.00	21.28	13.16	20.53	15.75	19.53	16.72	20.50
AMU2060CCF	505mm	409mm	257mm	256mm	452mm	351mm	468mm	367mm	PA206	254mm	541mm	334mm	521mm	400mm	496mm	425mm	521mm

All dimensions are in inches unless otherwise noted

"I" dimensions with multiple numbers indicate slotted holes

All sizes 6" x 6" x 4" up through 20" x 16" x 10" are rated 6P (IP68)

Enclosure base part numbers come standard with 4 separately bagged feet (ex. AMU664CC)

Part numbers with "F" signify factory installed flanges (ex. AMU664CCF)

Additional back panels found on page 128

★Coming soon!







Data subject to change without notice



85



JIC SIZE JUNCTION BOXES

Cover Type

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

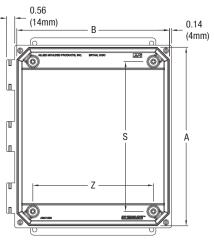
- UL 50 and UL 50E Types 1, 2, 3, 3R, 4, 4X, 12 and 13
- CSA C22.2 No. 94 Types 1, 2, 3, 3R, 4, 4X, 12 and 13
- Complies with:
 - NEMA Types 1, 2, 3, 3R, 4, 4X, 12 and 13
 - IEC 60529 Type IP66
 - RoHS directive

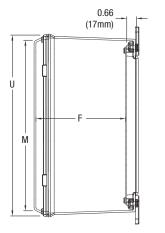
Construction

- Compression molded fiberglass reinforced polyester construction with flush, solid/opaque cover
- Allied Moulded ULTRAGUARD® fiberglass reinforced polyester material formulation - UV stabilized for outdoor use
- Opaque cover, base, feet, flanges Light gray color (RAL 7035) Note: foot models mounting hardware supplied in a bag. Flanged models are pre-assembled
- 316 stainless steel hinge pin and captive cover screws
- Formed-In-Place (FIP) polyurethane gasket system encased in continuous channel
- Polycarbonate foot/flange mounting brackets with 316 stainless steel fasteners
- #10-32 threaded brass inserts are installed for back panel mounting

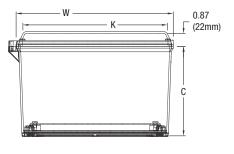
- Optional back panels and hinged front panels
- · Custom holes and cutouts
- Custom size polycarbonate viewing windows
- Molded-in color matching
- EMI/RFI shielding
- Factory-supplied silk screening

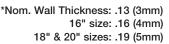
AM-R

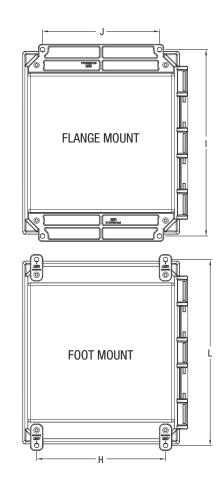




Note: Cover Removed for Clarity







Part No.	E	Box Siz	e	Usable Depth	Panel Cen		Bacl	k Panel	Size	_	e Mount nters	Foot M			Cove	r Size	
	Α	В	C	F	S	Z	Ht.	Wid.	P/N	J	I	Н	L	K	M	W	U
AMU664H	6.04	6.26	4.12	4.09	4.25	4.25	4.81	4.81	PL66	4.00	6.88, 6.75	4.91	6.75	5.70	5.53	6.72	6.50
AMU664HF	153mm	159mm	105mm	103mm	108mm	108mm	122mm	122mm	PLA66	102mm	175, 171mm	125mm	171mm	145mm	140mm	171mm	165mm
AMU864H	8.06	6.28	4.13	4.11	6.25	4.25	6.75	4.88	PL86	4.00	8.88, 8.75	4.91	8.75	5.75	7.53	6.72	8.50
AMU864HF	205mm	160mm	105mm	104mm	159mm	108mm	171mm	124mm	PLA86	102mm	222, 226mm	125mm	222mm	146mm	191mm	171mm	216mm
AMU1084H	10.05	8.27	4.13	4.12	8.25	6.25	8.75	6.88	PL108	6.00	10.75	6.91	10.75	7.75	9.53	8.72	10.50
AMU1084HF	255mm	210mm	105mm	105mm	210mm	159mm	222mm	175mm	PLA108	152mm	273mm	176mm	273mm	197mm	242mm	221mm	267mm
★ AMU1086H	10.04	8.26	6.13	6.10	8.25	6.25	8.75	6.88	PL108	6.00	10.75	6.91	10.75	7.75	9.53	8.72	10.50
AMU1086HF	255mm	210mm	156mm	155mm	210mm	159mm	222mm	175mm	PLA108	152mm	273mm	175mm	273mm	197mm	242mm	221mm	267mm
AMU1206H	12.05	10.27	6.13	6.12	10.25	8.25	10.75	8.88	PL120	8.00	12.75	8.82	12.70	9.75	11.53	10.72	12.50
AMU1206HF	306mm	261mm	156mm	155mm	260mm	210mm	273mm	226mm	PLA120	203mm	324mm	224mm	323mm	248mm	293mm	272mm	318mm
AMU1426H	14.05	12.27	6.13	6.11	12.25	10.25	12.75	10.88	PL142	10.01	14.75, 14.62	10.82	14.70	11.75	13.53	12.72	14.50
AMU1426HF	357mm	312mm	156mm	155mm	311mm	260mm	324mm	276mm	PLA142	254mm	375, 371mm	275mm	373mm	298mm	344mm	323mm	368mm
AMU1648H	16.05	14.27	8.14	8.09	14.25	12.25	14.75	12.88	P164	12.00	16.75	11.47	16.91	13.75	15.53	14.72	16.50
AMU1648HF	408mm	362mm	207mm	205mm	362mm	311mm	375mm	327mm	PA164	305mm	425mm	291mm	430mm	349mm	394mm	374mm	419mm
AMU1860H	18.12	16.34	10.13	10.10	16.26	14.25	16.88	14.88	P186	12.00	18.88, 18.76	13.72	19.16	15.75	17.78	16.97	18.75
AMU1860HF	460mm	415mm	257mm	257mm	413mm	362mm	429mm	378mm	PA186	305mm	480, 477mm	348mm	487mm	400mm	452mm	431mm	476mm
AMU2060H	19.87	16.09	10.14	10.09	17.81	13.81	18.44	14.44	P206	10.00	21.28	13.16	20.53	15.75	19.53	16.72	20.50
AMU2060HF	505mm	409mm	257mm	256mm	452mm	351mm	468mm	367mm	PA206	254mm	541mm	334mm	521mm	400mm	496mm	425mm	521mm

All dimensions are in inches unless otherwise noted

"I" dimensions with multiple numbers indicate slotted holes

Enclosure base part numbers come standard with 4 separately bagged feet (ex. AMU664H)

Part numbers with "F" signify factory installed flanges (ex. AMU664HF)

Additional back panels found on page 128

★Coming soon!







Data subject to change without notice



87



JIC SIZE JUNCTION BOXES

Cover Type

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
- Clear polycarbonate viewing window, used in applications where critical electronic equipment must be visible and protected from the elements

Standards

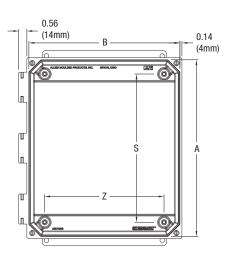
- UL 50 and UL 50E Types 1, 2, 3, 3R, 4, 4X, 12 and 13
- CSA C22.2 No. 94 Types 1, 2, 3, 3R, 4, 4X, 12 and 13
- Complies with:
 - NEMA Types 1, 2, 3, 3R, 4, 4X, 12 and 13
 - IEC 60529 Type IP66
 - RoHS directive

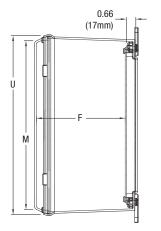
Construction

- Compression molded fiberglass reinforced polyester construction with flush, polycarbonate viewing window cover
- Allied Moulded ULTRAGUARD® fiberglass reinforced polyester material formulation - UV stabilized for outdoor use
- Opaque cover, base, feet, flanges Light gray color (RAL 7035) Note: foot models mounting hardware supplied in a bag. Flanged models are pre-assembled
- 316 stainless steel hinge pin and captive cover screws
- Formed-In-Place (FIP) polyurethane gasket system encased in continuous channel
- Polycarbonate foot/flange mounting brackets with 316 stainless steel fasteners
- #10-32 threaded brass inserts are installed for back panel mounting

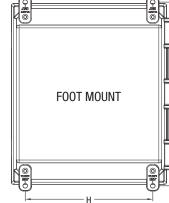
- Optional back panels and hinged front panels
- · Custom holes and cutouts
- Molded-in color matching
- EMI/RFI shielding
- Factory-supplied silk screening



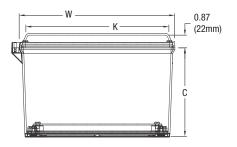




FLANGE MOUNT



Note: Cover Removed for Clarity



*Nom. Wall Thickness: .13 (3mm) 16" size: .16 (4mm) 18" & 20" sizes: .19 (5mm)

Part No.	В	Box Siz	е	Usable Depth	Во	nel ss ters	Back	c Panel	Size	M	ange ount nters		ot unt ters		Cove	r Size		Window Dim. (H x W)
	A	В	C	F	S	Z	Ht.	Wid.	P/N	J	I	Н	L	K	M	W	U	(II X VV)
AMU664HW	6.04	6.26	4.13	3.99	4.25	4.25	4.81	4.81	PL66	4.00	6.88, 6.75	4.91	6.75	5.70	5.53	6.72	6.50	3.50 x 3.5
AMU664HWF	153mm	159mm	105mm	101mm	108mm	108mm	122mm	122mm	PLA66	102mm	175, 171mm	125mm	171mm	145mm	140mm	171mm	165mm	89mm x 89m
AMU864HW	8.06	6.28	4.13	4.00	6.25	4.25	6.75	4.88	PL86	4.00	8.88, 8.75	4.91	8.75	5.75	7.53	6.72	8.50	5.25 x 4.0
AMU864HWF	205mm	160mm	105mm	102mm	159mm	108mm	171mm	124mm	PLA86	102mm	222, 226mm	125mm	222mm	146mm	191mm	171mm	216mm	133mm x 102r
AMU1084HW	10.05	8.27	4.13	4.00	8.25	6.25	8.75	6.88	PL108	6.00	10.75	6.91	10.75	7.75	9.53	8.72	10.50	6.25 x 4.2
AMU1084HWF	255mm	210mm	105mm	102mm	210mm	159mm	222mm	175mm	PLA108	152mm	273mm	176mm	273mm	197mm	242mm	221mm	267mm	159mm x 108r
AMU1086HW	10.04	8.26	6.13	6.10	8.25	6.25	8.75	6.88	PL108	6.00	10.75	6.91	10.75	7.75	9.53	8.72	10.50	6.25 x 4.2
AMU1086HWF	255mm	210mm	156mm	155mm	210mm	159mm	222mm	175mm	PLA108	152mm	273mm	175mm	273mm	197mm	242mm	221mm	267mm	159mm x 108r
AMU1206HW	12.05	10.27	6.13	6.00	10.25	8.25	10.75	8.88	PL120	8.00	12.75	8.82	12.70	9.75	11.53	10.72	12.50	8.38 x 6.5
AMU1206HWF	306mm	261mm	156mm	153mm	260mm	210mm	273mm	226mm	PLA120	203mm	324mm	224mm	323mm	248mm	293mm	272mm	318mm	213mm x 165r
AMU1426HW	14.05	12.27	6.13	6.00	12.25	10.25	12.75	10.88	PL142	10.01	14.75, 14.62	10.82	14.70	11.75	13.53	12.72	14.50	10.38 x 8.5
AMU1426HWF	357mm	312mm	156mm	152mm	311mm	260mm	324mm	276mm	PLA142	254mm	375, 371mm	275mm	373mm	298mm	344mm	323mm	368mm	264mm x 216r
AMU1648HW	16.05	14.27	8.14	7.99	14.25	12.25	14.75	12.88	P164	12.00	16.75	11.47	16.91	13.75	15.53	14.72	16.50	12.38 x 10.
AMU1648HWF	408mm	362mm	207mm	203mm	362mm	311mm	375mm	327mm	PA164	305mm	425mm	291mm	430mm	349mm	394mm	374mm	419mm	314mm x 267r
AMU1860HW	18.12	16.34	10.13	10.00	16.26	14.26	16.88	14.88	P186	12.00	18.88, 18.76	13.72	19.16	15.75	17.78	16.97	18.75	13.00 x 11.
AMU1860HWF	460mm	415mm	257mm	254mm	413mm	362mm	429mm	378mm	PA186	305mm	480, 477mm	348mm	487mm	400mm	452mm	431mm	476mm	330mm x 267r
AMU2060HW	19.87	16.09	10.14	9.99	17.81	13.81	18.44	14.44	P206	10.00	21.28	13.16	20.53	15.75	19.53	16.72	20.50	14.00 x 12.
AMU2060HWF	505mm	409mm	257mm	254mm	452mm	351mm	468mm	367mm	PA206	254mm	540mm	334mm	521mm	400mm	496mm	425mm	521mm	356mm x 305r

All dimensions are in inches unless otherwise noted

"I" dimensions with multiple numbers indicate slotted holes

Enclosure base part numbers come standard with 4 separately bagged feet (ex. AMU664HW)

Part numbers with "F" signify factory installed flanges (ex. AMU664HWF)

Additional back panels found on page 128

★Coming soon!







Data subject to change without notice



89



JIC SIZE JUNCTION BOXES

Cover Type

Clear Polycarbonate

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
- Clear polycarbonate instrumentation cover, used in applications where critical electronic equipment must be visible and protected from the elements

Standards

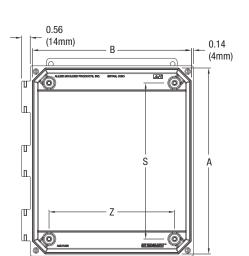
- UL 50 and UL 50E Types 1, 2, 3, 3R, 4, 4X, 12 and 13
- CSA C22.2 No. 94 Types 1, 2, 3, 3R, 4, 4X, 12 and 13
- Complies with:
 - NEMA Types 1, 2, 3, 3R, 4, 4X, 12 and 13
 - IEC 60529 Type IP66
 - RoHS directive

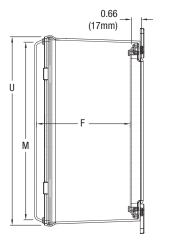
Construction

- Compression molded fiberglass reinforced polyester construction with flush, clear polycarbonate cover
- Allied Moulded ULTRAGUARD® fiberglass reinforced polyester material formulation - UV stabilized for outdoor use
- Enclosure base, feet, flanges Light gray color (RAL 7035) Note: foot models mounting hardware supplied in a bag. Flanged models are pre-assembled
- 316 stainless steel hinge pin and captive cover screws
- Formed-In-Place (FIP) polyurethane gasket system encased in continuous channel
- Polycarbonate foot/flange mounting brackets with 316 stainless steel fasteners
- #10-32 threaded brass inserts are installed for back panel mounting

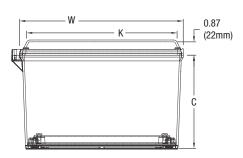
- Optional back panels and hinged front panels
- Custom holes and cutouts
- Molded-in color matching
- EMI/RFI shielding
- Factory-supplied silk screening



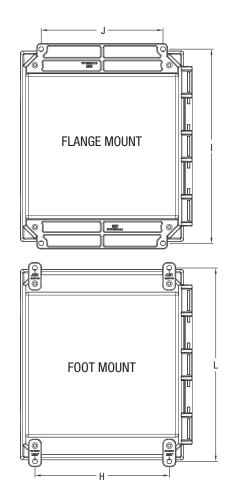




Note: Cover Removed for Clarity







Part No.	E	Box Siz	е	Usable Depth	Panel Cen	Boss ters	Bac	k Panel	Size		e Mount nters	Foot N			Cove	r Size	
	A	В	C	F	S	Z	Ht.	Wid.	P/N	J	I	Н	L	K	M	W	U
AMU664CCH	6.04	6.26	4.12	4.09	4.25	4.25	4.81	4.81	PL66	4.00	6.88, 6.75	4.91	6.75	5.70	5.53	6.72	6.50
AMU664CCHF	153mm	159mm	105mm	103mm	108mm	108mm	122mm	122mm	PLA66	102mm	175, 171mm	125mm	171mm	145mm	140mm	171mm	165mm
AMU864CCH	8.06	6.28	4.13	4.11	6.25	4.25	6.75	4.88	PL86	4.00	8.88, 8.75	4.91	8.75	5.75	7.53	6.72	8.50
AMU864CCHF	205mm	160mm	105mm	104mm	159mm	108mm	171mm	124mm	PLA86	102mm	222, 226mm	125mm	222mm	146mm	191mm	171mm	216mm
★ AMU1084CCH	10.05	8.27	4.13	4.12	8.25	6.25	8.75	6.88	PL108	6.00	10.75	6.91	10.75	7.75	9.53	8.72	10.50
AMU1084CCHF	255mm	210mm	105mm	105mm	210mm	159mm	222mm	175mm	PLA108	152mm	273mm	176mm	273mm	197mm	242mm	221mm	267mm
AMU1086CCH	10.04	8.26	6.13	6.10	8.25	6.25	8.75	6.88	PL108	6.00	10.75	6.91	10.75	7.75	9.53	8.72	10.50
AMU1086CCHF	255mm	210mm	156mm	155mm	210mm	159mm	222mm	175mm	PLA108	152mm	273mm	175mm	273mm	197mm	242mm	221mm	267mm
AMU1206CCH	12.05	10.27	6.13	6.12	10.25	8.25	10.75	8.88	PL120	8.00	12.75	8.82	12.70	9.75	11.53	10.72	12.50
AMU1206CCHF	306mm	261mm	156mm	155mm	260mm	210mm	273mm	226mm	PLA120	203mm	324mm	224mm	323mm	248mm	293mm	272mm	318mm
AMU1426CCH	14.05	12.27	6.13	6.11	12.25	10.25	12.75	10.88	PL142	10.01	14.75, 14.62	10.82	14.70	11.75	13.53	12.72	14.50
AMU1426CCHF	357mm	312mm	156mm	155mm	311mm	260mm	324mm	276mm	PLA142	254mm	375, 371mm	275mm	373mm	298mm	344mm	323mm	368mm
AMU1648CCH	16.05	14.27	8.14	8.09	14.25	12.25	14.75	12.88	P164	12.00	16.75	11.47	16.91	13.75	15.53	14.72	16.50
AMU1648CCHF	408mm	362mm	207mm	205mm	362mm	311mm	375mm	327mm	PA164	305mm	425mm	291mm	430mm	349mm	394mm	374mm	419mm
AMU2060CCH	19.87	16.09	10.14	10.09	17.81	13.81	18.44	14.44	P206	10.00	21.28	13.16	20.53	15.75	19.53	16.72	20.50
AMU2060CCHF	505mm	409mm	257mm	256mm	452mm	351mm	468mm	367mm	PA206	254mm	541mm	334mm	521mm	400mm	496mm	425mm	521mm

All dimensions are in inches unless otherwise noted

"I" dimensions with multiple numbers indicate slotted holes

Enclosure base part numbers come standard with 4 separately bagged feet (ex. AMU664CCH)

Part numbers with "F" signify factory installed flanges (ex. AMU664CCHF)

Additional back panels found on page 128

★Coming soon!











JIC SIZE JUNCTION BOXES

Cover Type

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

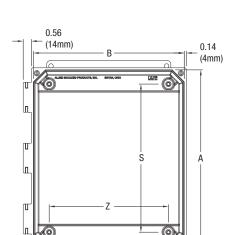
- UL 50 and UL 50E Types 1, 2, 3, 3R, 4, 4X, 12 and 13
- CSA C22.2 No. 94 Types 1, 2, 3, 3R, 4, 4X, 12 and 13
- Complies with:
 - NEMA Types 1, 2, 3, 3R, 4, 4X, 12 and 13
 - IEC 60529 Type IP66
 - RoHS directive

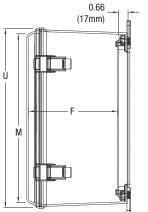
Construction

- Compression molded fiberglass reinforced polyester construction with flush, solid/opaque cover
- Allied Moulded ULTRAGUARD® fiberglass reinforced polyester material formulation - UV stabilized for outdoor use
- Opaque cover, base, feet, flanges Light gray color (RAL 7035) Note: foot models mounting hardware supplied in a bag. Flanged models are pre-assembled
- 316 stainless steel hinge pin and snap latches with padlock hasp (.375" dia.)
- Formed-In-Place (FIP) polyurethane gasket system encased in continuous channel
- Polycarbonate foot/flange mounting brackets with 316 stainless steel fasteners
- #10-32 threaded brass inserts are installed for back panel mounting

- 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

EMPIRE



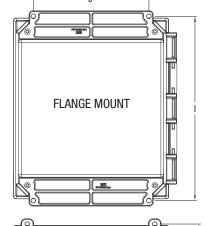


FOR USE ON

6x6x4

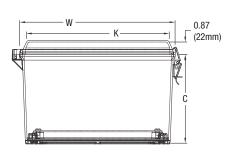
8x6x4 10x8x4

10x8x6



LATCH LOCATIONS FOOT MOUNT FOR USE ON 12x10x6 D=7.50 (191mm) 14x12x6 D=8.00 (203mm) 16x14x8 D=9.00 (229mm) 18x16x10 D=14.56 (370mm) 20x16x10 D=16.81 (427mm)

Note: Cover Removed for Clarity



*Nom. Wall Thickness: .13 (3mm) 16" size: .16 (4mm) 18" & 20" sizes: .19 (5mm)

					20 312		(
Part No.	E	Box Siz	е	Usable Depth	Panel Cen	Boss ters	Bacl	k Panel	Size		e Mount nters	Foot M			Cove	r Size	
	A	В	C	F	S	Z	Ht.	Wid.	P/N	J	ı	Н	L	K	M	W	U
AMU664L	6.04	6.26	4.12	4.09	4.25	4.25	4.81	4.81	PL66	4.00	6.88, 6.75	4.91	6.75	5.70	5.53	6.72	6.50
AMU664LF	153mm	159mm	105mm	103mm	108mm	108mm	122mm	122mm	PLA66	102mm	175, 171mm	125mm	171mm	145mm	140mm	171mm	165mn
AMU864L	8.06	6.28	4.13	4.11	6.25	4.25	6.75	4.88	PL86	4.00	8.88, 8.75	4.91	8.75	5.75	7.53	6.72	8.50
AMU864LF	205mm	160mm	105mm	104mm	159mm	108mm	171mm	124mm	PLA86	102mm	222, 226mm	125mm	222mm	146mm	191mm	171mm	216mr
AMU1084L	10.05	8.27	4.13	4.12	8.25	6.25	8.75	6.88	PL108	6.00	10.75	6.91	10.75	7.75	9.53	8.72	10.50
AMU1084LF	255mm	210mm	105mm	105mm	210mm	159mm	222mm	175mm	PLA108	152mm	273mm	176mm	273mm	197mm	242mm	221mm	267mr
AMU1086L	10.04	8.26	6.13	6.10	8.25	6.25	8.75	6.88	PL108	6.00	10.75	6.91	10.75	7.75	9.53	8.72	10.50
AMU1086LF	255mm	210mm	156mm	155mm	210mm	159mm	222mm	175mm	PLA108	152mm	273mm	175mm	273mm	197mm	242mm	221mm	267mr
AMU1206L	12.05	10.27	6.13	6.12	10.25	8.25	10.75	8.88	PL120	8.00	12.75	8.82	12.70	9.75	11.53	10.72	12.50
AMU1206LF	306mm	261mm	156mm	155mm	260mm	210mm	273mm	226mm	PLA120	203mm	324mm	224mm	323mm	248mm	293mm	272mm	318mr
AMU1426L	14.05	12.27	6.13	6.11	12.25	10.25	12.75	10.88	PL142	10.01	14.75, 14.62	10.82	14.70	11.75	13.53	12.72	14.50
AMU1426LF	357mm	312mm	156mm	155mm	311mm	260mm	324mm	276mm	PLA142	254mm	375, 371mm	275mm	373mm	298mm	344mm	323mm	368mr
AMU1648L	16.05	14.27	8.14	8.09	14.25	12.25	14.75	12.88	P164	12.00	16.75	11.47	16.91	13.75	15.53	14.72	16.50
AMU1648LF	408mm	362mm	207mm	205mm	362mm	311mm	375mm	327mm	PA164	305mm	425mm	291mm	430mm	349mm	394mm	374mm	419mr
AMU1860L	18.12	16.34	10.13	10.10	16.26	14.25	16.88	14.88	P186	12.00	18.88, 18.76	13.72	19.16	15.75	17.78	16.97	18.75
AMU1860LF	460mm	415mm	257mm	257mm	413mm	362mm	429mm	378mm	PA186	305mm	480, 477mm	348mm	487mm	400mm	452mm	431mm	476mr
AMU2060L	19.87	16.09	10.14	10.09	17.81	13.81	18.44	14.44	P206	10.00	21.28	13.16	20.53	15.75	19.53	16.72	20.50
AMU2060LF	505mm	409mm	257mm	256mm	452mm	351mm	468mm	367mm	PA206	254mm	541mm	334mm	521mm	400mm	496mm	425mm	521mi

All dimensions are in inches unless otherwise noted

"I" dimensions with multiple numbers indicate slotted holes

Enclosure base part numbers come standard with 4 separately bagged feet (ex. AMU664L)

Part numbers with "F" signify factory installed flanges (ex. AMU664LF)

Additional back panels found on page 128

★Coming soon!







Data subject to change without notice



93



JIC SIZE JUNCTION BOXES

Cover Type

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
- Clear polycarbonate viewing window, used in applications where critical electronic equipment must be visible and protected from the elements

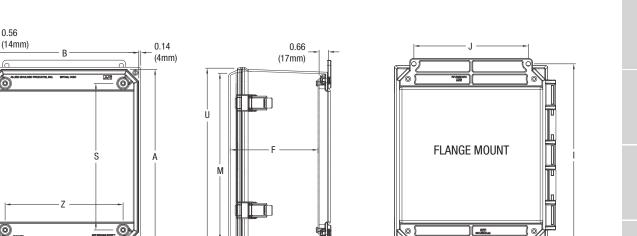
Standards

- 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

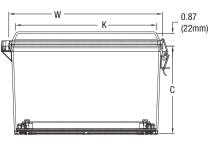
Construction

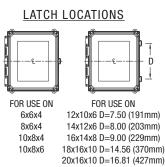
- Compression molded fiberglass reinforced polyester construction with flush, polycarbonate viewing window cover
- Allied Moulded ULTRAGUARD® fiberglass reinforced polyester material formulation - UV stabilized for outdoor use
- Opaque cover, base, feet, flanges Light gray color (RAL 7035) Note: foot models mounting hardware supplied in a bag. Flanged models are pre-assembled
- 316 stainless steel hinge pin and snap latches with padlock hasp (.375" dia.)
- Formed-In-Place (FIP) polyurethane gasket system encased in continuous channel
- Polycarbonate foot/flange mounting brackets with 316 stainless steel fasteners
- #10-32 threaded brass inserts are installed for back panel mounting

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



Note: Cover Removed for Clarity





*Nom. Wall Thickness: .13 (3mm) 16" size: .16 (4mm) 18" & 20" sizes: .19 (5mm)

							-											
Part No.	E	Box Siz	е	Usable Depth	Во	nel oss ters	Back	k Panel	Size	M	ange ount enters	Mo	oot unt ters		Cove	r Size		Window Dim. (H x W)
	A	В	C	F	S	Z	Ht.	Wid.	P/N	J	I	Н	L	K	M	W	U	(II X W)
AMU664LW	6.04	6.26	4.13	3.99	4.25	4.25	4.81	4.81	PL66	4.00	6.88, 6.75	4.91	6.75	5.70	5.53	6.72	6.50	3.50 x 3.50
AMU664LWF	153mm	159mm	105mm	101mm	108mm	108mm	122mm	122mm	PLA66	102mm	175, 171mm	125mm	171mm	145mm	140mm	171mm	165mm	89mm x 89mm
AMU864LW	8.06	6.28	4.13	4.00	6.25	4.25	6.75	4.88	PL86	4.00	8.88, 8.75	4.91	8.75	5.75	7.53	6.72	8.50	5.25 x 4.00
AMU864LWF	205mm	160mm	105mm	102mm	159mm	108mm	171mm	124mm	PLA86	102mm	222, 226mm	125mm	222mm	146mm	191mm	171mm	216mm	133mm x 102mm
AMU1084LW	10.05	8.27	4.13	4.00	8.25	6.25	8.75	6.88	PL108	6.00	10.75	6.91	10.75	7.75	9.53	8.72	10.50	6.25 x 4.25
AMU1084LWF	255mm	210mm	105mm	102mm	210mm	159mm	222mm	175mm	PLA108	152mm	273mm	176mm	273mm	197mm	242mm	221mm	267mm	159mm x 108mn
AMU1086LW	10.04	8.26	6.13	6.10	8.25	6.25	8.75	6.88	PL108	6.00	10.75	6.91	10.75	7.75	9.53	8.72	10.50	6.25 x 4.25
AMU1086LWF	255mm	210mm	156mm	155mm	210mm	159mm	222mm	175mm	PLA108	152mm	273mm	175mm	273mm	197mm	242mm	221mm	267mm	159mm x 108mm
AMU1206LW	12.05	10.27	6.13	6.00	10.25	8.25	10.75	8.88	PL120	8.00	12.75	8.82	12.70	9.75	11.53	10.72	12.50	8.38 x 6.50
AMU1206LWF	306mm	261mm	156mm	153mm	260mm	210mm	273mm	226mm	PLA120	203mm	324mm	224mm	323mm	248mm	293mm	272mm	318mm	213mm x 165mn
AMU1426LW	14.05	12.27	6.13	6.00	12.25	10.25	12.75	10.88	PL142	10.01	14.75, 14.62	10.82	14.70	11.75	13.53	12.72	14.50	10.38 x 8.51
AMU1426LWF	357mm	312mm	156mm	152mm	311mm	260mm	324mm	276mm	PLA142	254mm	375, 371mm	275mm	373mm	298mm	344mm	323mm	368mm	264mm x 216mm
AMU1648LW	16.05	14.27	8.14	7.99	14.25	12.25	14.75	12.88	P164	12.00	16.75	11.47	16.91	13.75	15.53	14.72	16.50	12.38 x 10.50
AMU1648LWF	408mm	362mm	207mm	203mm	362mm	311mm	375mm	327mm	PA164	305mm	425mm	291mm	430mm	349mm	394mm	374mm	419mm	314mm x 267mn
AMU1860LW	18.12	16.34	10.13	10.00	16.26	14.26	16.88	14.88	P186	12.00	18.88, 18.76	13.72	19.16	15.75	17.78	16.97	18.75	13.00 x 11.00
AMU1860LWF	460mm	415mm	257mm	254mm	413mm	362mm	429mm	378mm	PA186	305mm	480, 477mm	348mm	487mm	400mm	452mm	431mm	476mm	330mm x 267mn
AMU2060LW	19.87	16.09	10.14	9.99	17.81	13.81	18.44	14.44	P206	10.00	21.28	13.16	20.53	15.75	19.53	16.72	20.50	14.00 x 12.00
AMU2060LWF	505mm	409mm	257mm	254mm	452mm	351mm	468mm	367mm	PA206	254mm	540mm	334mm	521mm	400mm	496mm	425mm	521mm	356mm x 305mm

All dimensions are in inches unless otherwise noted

"I" dimensions with multiple numbers indicate slotted holes

Enclosure base part numbers come standard with 4 separately bagged feet (ex. AMU664LW)

Part numbers with "F" signify factory installed flanges (ex. AMU664LWF)

Additional back panels found on page 128

★Coming soon!





FOOT MOUNT



Data subject to change without notice



95



JIC SIZE JUNCTION BOXES

Cover Type

Clear Polycarbonate

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
- Clear polycarbonate instrumentation cover, used in applications where critical electronic equipment must be visible and protected from the elements

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

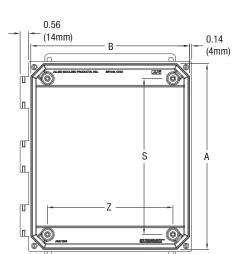
Construction

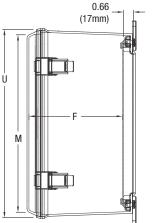
- Compression molded fiberglass reinforced polyester construction with flush, clear polycarbonate cover
- Allied Moulded ULTRAGUARD® fiberglass reinforced polyester material formulation - UV stabilized for outdoor use
- Enclosure base, feet, flanges Light gray color (RAL 7035) Note: foot models mounting hardware supplied in a bag. Flanged models are pre-assembled
- 316 stainless steel hinge pin and snap latches with padlock hasp (.375" dia.)
- Formed-In-Place (FIP) polyurethane gasket system encased in continuous channel
- Polycarbonate foot/flange mounting brackets with 316 stainless steel fasteners
- #10-32 threaded brass inserts are installed for back panel mounting

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

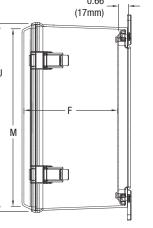


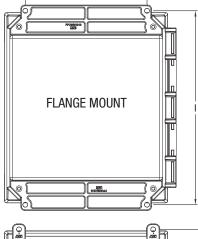
AM-R

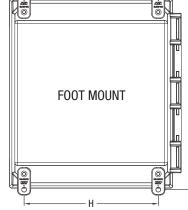


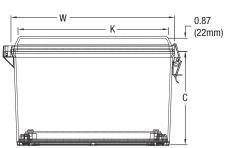


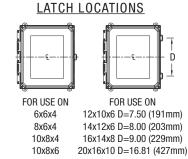
Note: Cover Removed for Clarity











*Nom. Wall Thickness: .13 (3mm) 16" size: .16 (4mm) 18" & 20" sizes: .19 (5mm)

Part No.	E	Box Siz	е	Usable Depth	Panel Cen	Boss ters	Bac	k Panel	Size	_	e Mount nters	Foot N			Cove	r Size	
	A	В	C	F	S	Z	Ht.	Wid.	P/N	J	ı	Н	L	K	M	W	U
AMU664CCL	6.04	6.26	4.12	4.09	4.25	4.25	4.81	4.81	PL66	4.00	6.88, 6.75	4.91	6.75	5.70	5.53	6.72	6.50
AMU664CCLF	153mm	159mm	105mm	103mm	108mm	108mm	122mm	122mm	PLA66	102mm	175, 171mm	125mm	171mm	145mm	140mm	171mm	165mm
AMU864CCL	8.06	6.28	4.13	4.11	6.25	4.25	6.75	4.88	PL86	4.00	8.88, 8.75	4.91	8.75	5.75	7.53	6.72	8.50
AMU864CCLF	205mm	160mm	105mm	104mm	159mm	108mm	171mm	124mm	PLA86	102mm	222, 226mm	125mm	222mm	146mm	191mm	171mm	216mm
AMU1084CCL	10.05	8.27	4.13	4.12	8.25	6.25	8.75	6.88	PL108	6.00	10.75	6.91	10.75	7.75	9.53	8.72	10.50
AMU1084CCLF	255mm	210mm	105mm	105mm	210mm	159mm	222mm	175mm	PLA108	152mm	273mm	176mm	273mm	197mm	242mm	221mm	267mm
AMU1086CCL	10.04	8.26	6.13	6.10	8.25	6.25	8.75	6.88	PL108	6.00	10.75	6.91	10.75	7.75	9.53	8.72	10.50
AMU1086CCLF	255mm	210mm	156mm	155mm	210mm	159mm	222mm	175mm	PLA108	152mm	273mm	175mm	273mm	197mm	242mm	221mm	267mm
AMU1206CCL	12.05	10.27	6.13	6.12	10.25	8.25	10.75	8.88	PL120	8.00	12.75	8.82	12.70	9.75	11.53	10.72	12.50
AMU1206CCLF	306mm	261mm	156mm	155mm	260mm	210mm	273mm	226mm	PLA120	203mm	324mm	224mm	323mm	248mm	293mm	272mm	318mm
AMU1426CCL	14.05	12.27	6.13	6.11	12.25	10.25	12.75	10.88	PL142	10.01	14.75, 14.62	10.82	14.70	11.75	13.53	12.72	14.50
AMU1426CCLF	357mm	312mm	156mm	155mm	311mm	260mm	324mm	276mm	PLA142	254mm	375, 371mm	275mm	373mm	298mm	344mm	323mm	368mm
AMU1648CCL	16.05	14.27	8.14	8.09	14.25	12.25	14.75	12.88	P164	12.00	16.75	11.47	16.91	13.75	15.53	14.72	16.50
AMU1648CCLF	408mm	362mm	207mm	205mm	362mm	311mm	375mm	327mm	PA164	305mm	425mm	291mm	430mm	349mm	394mm	374mm	419mm
AMU2060CCL	19.87	16.09	10.14	10.09	17.81	13.81	18.44	14.44	P206	10.00	21.28	13.16	20.53	15.75	19.53	16.72	20.50
AMU2060CCLF	505mm	409mm	257mm	256mm	452mm	351mm	468mm	367mm	PA206	254mm	541mm	334mm	521mm	400mm	496mm	425mm	521mm

All dimensions are in inches unless otherwise noted

"I" dimensions with multiple numbers indicate slotted holes

Enclosure base part numbers come standard with 4 separately bagged feet (ex. AMU664CCL)

Part numbers with "F" signify factory installed flanges (ex. AMU664CCLF)

Additional back panels found on page 128

★Coming soon!











JIC SIZE JUNCTION BOXES

Cover Type

Solid/Opaque

Closure Type

Nonmetal 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

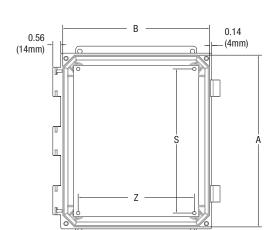
Construction

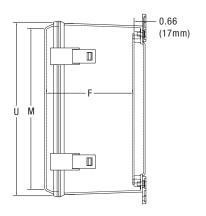
- Compression molded fiberglass reinforced polyester construction with flush, solid/opaque cover
- Allied Moulded ULTRAGUARD® fiberglass reinforced polyester material formulation - UV stabilized for outdoor use
- Opaque cover, base, feet, flanges Light gray color (RAL 7035) Note: foot models mounting hardware supplied in a bag. Flanged models are pre-assembled
- 316 stainless steel hinge pin and polycarbonate snap latches with padlock hasp (.281" dia.)
- Formed-In-Place (FIP) polyurethane gasket system encased in continuous channel
- Polycarbonate foot/flange mounting brackets with 316 stainless steel fasteners
- #10-32 threaded brass inserts are installed for back panel mounting

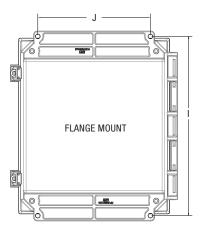
- Optional back panels and hinged front panels
- · Custom holes and cutouts
- Custom size polycarbonate viewing windows
- Molded-in color matching
- EMI/RFI shielding
- Factory-supplied silk screening



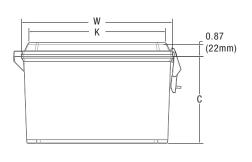
AM-R

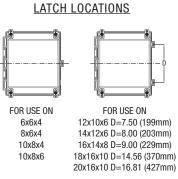


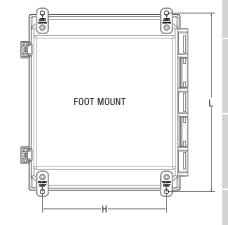




NOTE: COVER REMOVED FOR CLARITY







*Nom. Wall Thickness: .13 (3mm) 16" size: .16 (4mm) 18" & 20" sizes: .19 (5mm)

Part No.	E	Box Siz	e	Usable Depth	Panel Cen	Boss ters	Bacl	k Panel	Size	_	e Mount nters	Foot I Cen			Cove	r Size	
	A	В	C	F	S	Z	Ht.	Wid.	P/N	J	ı	Н	L	K	M	W	U
AMU664NL	6.04	6.26	4.12	4.09	4.25	4.25	4.81	4.81	PL66	4.00	6.88, 6.75	4.91	6.75	5.70	5.53	6.72	6.50
AMU664NLF	153mm	159mm	105mm	103mm	108mm	108mm	122mm	122mm	PLA66	102mm	175, 171mm	125mm	171mm	145mm	140mm	171mm	165mn
AMU864NL	8.06	6.28	4.13	4.11	6.25	4.25	6.75	4.88	PL86	4.00	8.88, 8.75	4.91	8.75	5.75	7.53	6.72	8.50
AMU864NLF	205mm	160mm	105mm	104mm	159mm	108mm	171mm	124mm	PLA86	102mm	222, 226mm	125mm	222mm	146mm	191mm	171mm	216mn
AMU1084NL	10.05	8.27	4.13	4.12	8.25	6.25	8.75	6.88	PL108	6.00	10.75	6.91	10.75	7.75	9.53	8.72	10.50
AMU1084NLF	255mm	210mm	105mm	105mm	210mm	159mm	222mm	175mm	PLA108	152mm	273mm	176mm	273mm	197mm	242mm	221mm	267mn
AMU1086NL	10.04	8.26	6.13	6.10	8.25	6.25	8.75	6.88	PL108	6.00	10.75	6.91	10.75	7.75	9.53	8.72	10.50
AMU1086NLF	255mm	210mm	156mm	155mm	210mm	159mm	222mm	175mm	PLA108	152mm	273mm	175mm	273mm	197mm	242mm	221mm	267mn
AMU1206NL	12.05	10.27	6.13	6.12	10.25	8.25	10.75	8.88	PL120	8.00	12.75	8.82	12.70	9.75	11.53	10.72	12.50
AMU1206NLF	306mm	261mm	156mm	155mm	260mm	210mm	273mm	226mm	PLA120	203mm	324mm	224mm	323mm	248mm	293mm	272mm	318mn
AMU1426NL	14.05	12.27	6.13	6.11	12.25	10.25	12.75	10.88	PL142	10.01	14.75, 14.62	10.82	14.70	11.75	13.53	12.72	14.50
AMU1426NLF	357mm	312mm	156mm	155mm	311mm	260mm	324mm	276mm	PLA142	254mm	375, 371mm	275mm	373mm	298mm	344mm	323mm	368mn
AMU1648NL	16.05	14.27	8.14	8.09	14.25	12.25	14.75	12.88	P164	12.00	16.75	11.47	16.91	13.75	15.53	14.72	16.50
AMU1648NLF	408mm	362mm	207mm	205mm	362mm	311mm	375mm	327mm	PA164	305mm	425mm	291mm	430mm	349mm	394mm	374mm	419mn
AMU1860NL	18.12	16.34	10.13	10.10	16.26	14.25	16.88	14.88	P186	12.00	18.88, 18.76	13.72	19.16	15.75	17.78	16.97	18.75
AMU1860NLF	460mm	415mm	257mm	257mm	413mm	362mm	429mm	378mm	PA186	305mm	480, 477mm	348mm	487mm	400mm	452mm	431mm	476mn
AMU2060NL	19.87	16.09	10.14	10.09	17.81	13.81	18.44	14.44	P206	10.00	21.28	13.16	20.53	15.75	19.53	16.72	20.50
AMU2060NLF	505mm	409mm	257mm	256mm	452mm	351mm	468mm	367mm	PA206	254mm	541mm	334mm	521mm	400mm	496mm	425mm	521mn

All dimensions are in inches unless otherwise noted

"I" dimensions with multiple numbers indicate slotted holes

Enclosure base part numbers come standard with 4 separately bagged feet (ex. AMU664NL)

Part numbers with "F" signify factory installed flanges (ex. AMU664NLF)

Additional back panels found on page 128

★Coming soon!











JIC SIZE JUNCTION BOXES

Cover Type

Viewing Window

Closure Type

Nonmetal 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
- Clear polycarbonate viewing window, used in applications where critical electronic equipment must be visible and protected from the elements

Standards

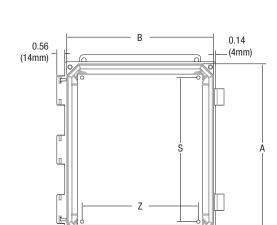
- UL 50 and UL 50E Types 1, 2, 3, 3R, 4, 4X, 12 and 13
- CSA C22.2 No. 94 Types 1, 2, 3, 3R, 4, 4X, 12 and 13
- Complies with:
 - NEMA Types 1, 2, 3, 3R, 4, 4X, 12 and 13
 - IEC 60529 Type IP66
 - RoHS directive

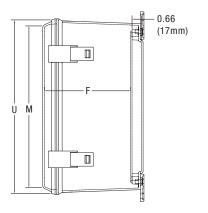
Construction

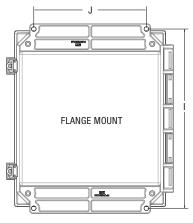
- Compression molded fiberglass reinforced polyester construction with flush, polycarbonate viewing window cover
- Allied Moulded ULTRAGUARD® fiberglass reinforced polyester material formulation - UV stabilized for outdoor use
- Opaque cover, base, feet, flanges Light gray color (RAL 7035) Note: foot models mounting hardware supplied in a bag. Flanged models are pre-assembled
- 316 stainless steel hinge pin and polycarbonate snap latches with padlock hasp (.281" dia.)
- Formed-In-Place (FIP) polyurethane gasket system encased in continuous channel
- Polycarbonate foot/flange mounting brackets with 316 stainless steel fasteners
- #10-32 threaded brass inserts are installed for back panel mounting

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

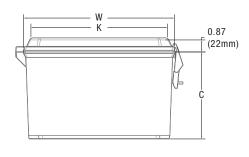




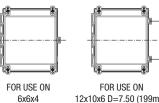




NOTE: COVER REMOVED FOR CLARITY







8x6x4 10x8x4

10x8x6

12x10x6 D=7.50 (199mm) 14x12x6 D=8.00 (203mm) 16x14x8 D=9.00 (229mm) 18x16x10 D=14.56 (370mm) 20x16x10 D=16.81 (427mm)

FOOT MOUNT

*Nom. Wall Thickness: .13 (3mm) 16" size: .16 (4mm) 18" & 20" sizes: .19 (5mm)

Part No.	В	Box Siz	e	Usable Depth	Pa Bo Cen		Back	: Panel	Size	M	ange ount nters	Fo Mo Cen	unt		Cove	r Size		Window Dim. (H x W)
	A	В	C	F	S	Z	Ht.	Wid.	P/N	J	I	Н	L	K	M	W	U	(II X W)
AMU664NLW	6.04	6.26	4.13	3.99	4.25	4.25	4.81	4.81	PL66	4.00	6.88, 6.75	4.91	6.75	5.70	5.53	6.72	6.50	3.50 x 3.50
AMU664NLWF	153mm	159mm	105mm	101mm	108mm	108mm	122mm	122mm	PLA66	102mm	175, 171mm	125mm	171mm	145mm	140mm	171mm	165mm	89mm x 89mi
AMU864NLW	8.06	6.28	4.13	4.00	6.25	4.25	6.75	4.88	PL86	4.00	8.88, 8.75	4.91	8.75	5.75	7.53	6.72	8.50	5.25 x 4.0
AMU864NLWF	205mm	160mm	105mm	102mm	159mm	108mm	171mm	124mm	PLA86	102mm	222, 226mm	125mm	222mm	146mm	191mm	171mm	216mm	133mm x 102m
AMU1084NLW	10.05	8.27	4.13	4.00	8.25	6.25	8.75	6.88	PL108	6.00	10.75	6.91	10.75	7.75	9.53	8.72	10.50	6.25 x 4.2
AMU1084NLWF	255mm	210mm	105mm	102mm	210mm	159mm	222mm	175mm	PLA108	152mm	273mm	176mm	273mm	197mm	242mm	221mm	267mm	159mm x 108m
AMU1086NLW	10.04	8.26	6.13	6.10	8.25	6.25	8.75	6.88	PL108	6.00	10.75	6.91	10.75	7.75	9.53	8.72	10.50	6.25 x 4.2
AMU1086NLWF	255mm	210mm	156mm	155mm	210mm	159mm	222mm	175mm	PLA108	152mm	273mm	175mm	273mm	197mm	242mm	221mm	267mm	159mm x 108m
AMU1206NLW	12.05	10.27	6.13	6.00	10.25	8.25	10.75	8.88	PL120	8.00	12.75	8.82	12.70	9.75	11.53	10.72	12.50	8.38 x 6.5
AMU1206NLWF	306mm	261mm	156mm	153mm	260mm	210mm	273mm	226mm	PLA120	203mm	324mm	224mm	323mm	248mm	293mm	272mm	318mm	213mm x 165m
AMU1426NLW	14.05	12.27	6.13	6.00	12.25	10.25	12.75	10.88	PL142	10.01	14.75, 14.62	10.82	14.70	11.75	13.53	12.72	14.50	10.38 x 8.5
AMU1426NLWF	357mm	312mm	156mm	152mm	311mm	260mm	324mm	276mm	PLA142	254mm	375, 371mm	275mm	373mm	298mm	344mm	323mm	368mm	264mm x 216m
AMU1648NLW	16.05	14.27	8.14	7.99	14.25	12.25	14.75	12.88	P164	12.00	16.75	11.47	16.91	13.75	15.53	14.72	16.50	12.38 x 10.5
AMU1648NLWF	408mm	362mm	207mm	203mm	362mm	311mm	375mm	327mm	PA164	305mm	425mm	291mm	430mm	349mm	394mm	374mm	419mm	314mm x 267m
AMU1860NLW	18.12	16.34	10.13	10.00	16.26	14.26	16.88	14.88	P186	12.00	18.88, 18.76	13.72	19.16	15.75	17.78	16.97	18.75	13.00 x 11.0
AMU1860NLWF	460mm	415mm	257mm	254mm	413mm	362mm	429mm	378mm	PA186	305mm	480, 477mm	348mm	487mm	400mm	452mm	431mm	476mm	330mm x 267m
AMU2060NLW	19.87	16.09	10.14	9.99	17.81	13.81	18.44	14.44	P206	10.00	21.28	13.16	20.53	15.75	19.53	16.72	20.50	14.00 x 12.0
AMU2060NLWF	505mm	409mm	257mm	254mm	452mm	351mm	468mm	367mm	PA206	254mm	540mm	334mm	521mm	400mm	496mm	425mm	521mm	356mm x 305m

All dimensions are in inches unless otherwise noted

"I" dimensions with multiple numbers indicate slotted holes

Enclosure base part numbers come standard with 4 separately bagged feet (ex. AMU664NLW)

Part numbers with "F" signify factory installed flanges (ex. AMU664NLWF)

Additional back panels found on page 128

★Coming soon!











JIC SIZE JUNCTION BOXES

Cover Type

Clear Polycarbonate

Closure Type

Nonmetal 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
- Clear polycarbonate instrumentation cover, used in applications where critical electronic equipment must be visible and protected from the elements

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

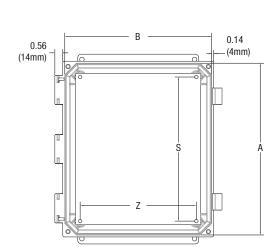
Construction

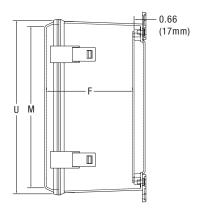
- Compression molded fiberglass reinforced polyester construction with flush, clear polycarbonate cover
- Allied Moulded ULTRAGUARD® fiberglass reinforced polyester material formulation - UV stabilized for outdoor use
- Enclosure base, feet, flanges Light gray color (RAL 7035) Note: foot models mounting hardware supplied in a bag. Flanged models are pre-assembled
- 316 stainless steel hinge pin and polycarbonate snap latches with padlock hasp (.281" dia.)
- Formed-In-Place (FIP) polyurethane gasket system encased in continuous channel
- Polycarbonate foot/flange mounting brackets with 316 stainless steel fasteners
- #10-32 threaded brass inserts are installed for back panel mounting

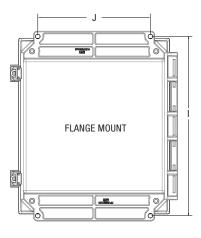
- Optional back panels and hinged front panels
- Custom holes and cutouts
- Molded-in color matching
- EMI/RFI shielding
- Factory-supplied silk screening



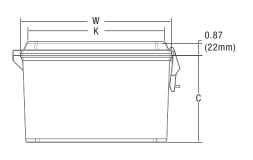
AM-R



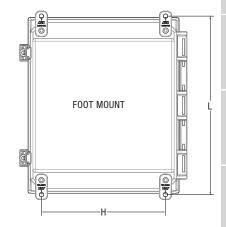




NOTE: COVER REMOVED FOR CLARITY







*Nom. Wall Thickness: .13 (3mm) 16" size: .16 (4mm) 18" & 20" sizes: .19 (5mm)

Part No.	E	Box Siz	е	Usable Depth	Panel Cen		Bac	k Panel	Size	_	e Mount nters	Foot N Cen			Cove	r Size	
	Α	В	C	F	S	Z	Ht.	Wid.	P/N	J	I	Н	L	K	M	W	U
AMU664CCNL	6.04	6.26	4.12	4.09	4.25	4.25	4.81	4.81	PL66	4.00	6.88, 6.75	4.91	6.75	5.70	5.53	6.72	6.50
AMU664CCNLF	153mm	159mm	105mm	103mm	108mm	108mm	122mm	122mm	PLA66	102mm	175, 171mm	125mm	171mm	145mm	140mm	171mm	165mm
AMU864CCNL	8.06	6.28	4.13	4.11	6.25	4.25	6.75	4.88	PL86	4.00	8.88, 8.75	4.91	8.75	5.75	7.53	6.72	8.50
AMU864CCNLF	205mm	160mm	105mm	104mm	159mm	108mm	171mm	124mm	PLA86	102mm	222, 226mm	125mm	222mm	146mm	191mm	171mm	216mm
AMU1084CCNL	10.05	8.27	4.13	4.12	8.25	6.25	8.75	6.88	PL108	6.00	10.75	6.91	10.75	7.75	9.53	8.72	10.50
AMU1084CCNLF	255mm	210mm	105mm	105mm	210mm	159mm	222mm	175mm	PLA108	152mm	273mm	176mm	273mm	197mm	242mm	221mm	267mm
AMU1086CCNL	10.04	8.26	6.13	6.10	8.25	6.25	8.75	6.88	PL108	6.00	10.75	6.91	10.75	7.75	9.53	8.72	10.50
AMU1086CCNLF	255mm	210mm	156mm	155mm	210mm	159mm	222mm	175mm	PLA108	152mm	273mm	175mm	273mm	197mm	242mm	221mm	267mm
AMU1206CCNL	12.05	10.27	6.13	6.12	10.25	8.25	10.75	8.88	PL120	8.00	12.75	8.82	12.70	9.75	11.53	10.72	12.50
AMU1206CCNLF	306mm	261mm	156mm	155mm	260mm	210mm	273mm	226mm	PLA120	203mm	324mm	224mm	323mm	248mm	293mm	272mm	318mm
AMU1426CCNL	14.05	12.27	6.13	6.11	12.25	10.25	12.75	10.88	PL142	10.01	14.75, 14.62	10.82	14.70	11.75	13.53	12.72	14.50
AMU1426CCNLF	357mm	312mm	156mm	155mm	311mm	260mm	324mm	276mm	PLA142	254mm	375, 371mm	275mm	373mm	298mm	344mm	323mm	368mm
AMU1648CCNL	16.05	14.27	8.14	8.09	14.25	12.25	14.75	12.88	P164	12.00	16.75	11.47	16.91	13.75	15.53	14.72	16.50
AMU1648CCNLF	408mm	362mm	207mm	205mm	362mm	311mm	375mm	327mm	PA164	305mm	425mm	291mm	430mm	349mm	394mm	374mm	419mm
AMU2060CCNL	19.87	16.09	10.14	10.09	17.81	13.81	18.44	14.44	P206	10.00	21.28	13.16	20.53	15.75	19.53	16.72	20.50
AMU2060CCNLF	505mm	409mm	257mm	256mm	452mm	351mm	468mm	367mm	PA206	254mm	541mm	334mm	521mm	400mm	496mm	425mm	521mm

All dimensions are in inches unless otherwise noted

"I" dimensions with multiple numbers indicate slotted holes

Enclosure base part numbers come standard with 4 separately bagged feet (ex. AMU664CCNL)

Part numbers with "F" signify factory installed flanges (ex. AMU664CCNLF) Additional back panels found on page 128

★Coming soon!











JIC SIZE JUNCTION BOXES

Cover Type

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

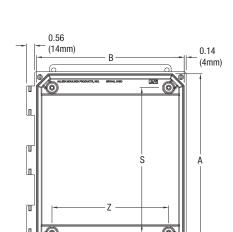
- UL 50 and UL 50E Types 1, 2, 3, 3R, 4, 4X, 12 and 13
- CSA C22.2 No. 94 Types 1, 2, 3, 3R, 4, 4X, 12 and 13
- Complies with:
 - NEMA Types 1, 2, 3, 3R, 4, 4X, 12 and 13
 - IEC 60529 Type IP66
 - RoHS directive

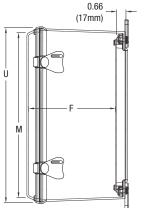
Construction

- Compression molded fiberglass reinforced polyester construction with flush, solid/opaque cover
- Allied Moulded ULTRAGUARD® fiberglass reinforced polyester material formulation - UV stabilized for outdoor use
- Opaque cover, base, feet, flanges Light gray color (RAL 7035) Note: foot models mounting hardware supplied in a bag. Flanged models are pre-assembled
- 316 stainless steel hinge pin and twist latches with padlock hasp (.375" dia.)
- Formed-In-Place (FIP) polyurethane gasket system encased in continuous channel
- Polycarbonate foot/flange mounting brackets with 316 stainless steel fasteners
- #10-32 threaded brass inserts are installed for back panel mounting

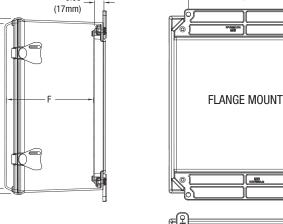
- Optional back panels and hinged front panels
- · Custom holes and cutouts
- Custom size polycarbonate viewing windows
- Molded-in color matching
- EMI/RFI shielding
- Factory-supplied silk screening

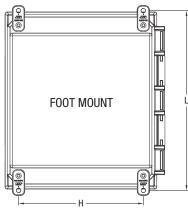


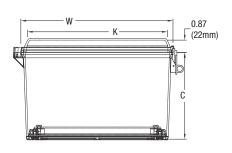


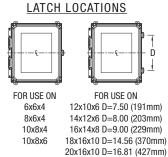


Note: Cover Removed for Clarity









*Nom. Wall Thickness: .13 (3mm) 16" size: .16 (4mm) 18" & 20" sizes: .19 (5mm)

Part No.	E	Box Siz	e	Usable Depth			Back Panel Size			Flange Mount Centers		Foot Mount Centers		Cover Size				
	Α	В	C	F	S	Z	Ht.	Wid.	P/N	J	ı	Н	L	K	M	W	U	
AMU664T	6.04	6.26	4.12	4.09	4.25	4.25	4.81	4.81	PL66	4.00	6.88, 6.75	4.91	6.75	5.70	5.53	6.72	6.50	
AMU664TF	153mm	159mm	105mm	103mm	108mm	108mm	122mm	122mm	PLA66	102mm	175, 171mm	125mm	171mm	145mm	140mm	171mm	165mm	
AMU864T	8.06	6.28	4.13	4.11	6.25	4.25	6.75	4.88	PL86 PLA86	4.00	8.88, 8.75	4.91	8.75	5.75	7.53	6.72	8.50	
AMU864TF	205mm	160mm	105mm	104mm	159mm	108mm	171mm	124mm		102mm	222, 226mm	125mm	222mm	146mm	191mm	171mm	216mm	
AMU1084T AMU1084TF	10.05	8.27	4.13	4.12	8.25	6.25	8.75	6.88	PL108 PLA108	6.00	10.75	6.91	10.75	7.75	9.53	8.72	10.50	
	255mm	210mm	105mm	105mm	210mm	159mm	222mm	175mm		152mm	273mm	176mm	273mm	197mm	242mm	221mm	267mm	
AMU1086T AMU1086TF	10.04	8.26	6.13	6.10	8.25	6.25	8.75	6.88	PL108 PLA108	6.00	10.75	6.91	10.75	7.75	9.53	8.72	10.50	
	255mm	210mm	156mm	155mm	210mm	159mm	222mm	175mm		152mm	273mm	175mm	273mm	197mm	242mm	221mm	267mm	
AMU1206T	12.05	10.27	6.13	6.12	10.25	8.25	10.75	8.88	PL120 PLA120	8.00	12.75	8.82	12.70	9.75	11.53	10.72	12.50	
AMU1206TF	306mm	261mm	156mm	155mm	260mm	210mm	273mm	226mm		203mm	324mm	224mm	323mm	248mm	293mm	272mm	318mm	
AMU1426T	14.05	12.27	6.13	6.11	12.25	10.25	12.75	10.88	PL142	10.01	14.75, 14.62	10.82	14.70	11.75	13.53	12.72	14.50	
AMU1426TF	357mm	312mm	156mm	155mm	311mm	260mm	324mm	276mm	PLA142	254mm	375, 371mm	275mm	373mm	298mm	344mm	323mm	368mm	
AMU1648T	16.05	14.27	8.14	8.09	14.25	12.25	14.75	12.88	P164	12.00	16.75	11.47	16.91	13.75	15.53	14.72	16.50	
AMU1648TF	408mm	362mm	207mm	205mm	362mm	311mm	375mm	327mm	PA164	305mm	425mm	291mm	430mm	349mm	394mm	374mm	419mm	
AMU1860T	18.12	16.34	10.13	10.10	16.26	14.25	16.88	14.88	P186	12.00	18.88, 18.76	13.72	19.16	15.75	17.78	16.97	18.75	
AMU1860TF	460mm	415mm	257mm	257mm	413mm	362mm	429mm	378mm	PA186	305mm	480, 477mm	348mm	487mm	400mm	452mm	431mm	476mm	
AMU2060T	19.87	16.09	10.14	10.09	17.81	13.81	18.44	14.44	P206	10.00	21.28	13.16	20.53	15.75	19.53	16.72	20.50	
AMU2060TF	505mm	409mm	257mm	256mm	452mm	351mm	468mm	367mm	PA206	254mm	541mm	334mm	521mm	400mm	496mm	425mm	521mm	

All dimensions are in inches unless otherwise noted

"I" dimensions with multiple numbers indicate slotted holes

Enclosure base part numbers come standard with 4 separately bagged feet (ex. AMU664T)

Part numbers with "F" signify factory installed flanges (ex. AMU664TF) Additional back panels found on page 128





Data subject to change without notice



★Coming soon!



JIC SIZE JUNCTION BOXES

Cover Type

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

- Especially well suited for high temperature or corrosive environments
- Protects from dirt, dust, oil and water
- For use with industrial control equipment
- Clear polycarbonate viewing window, used in applications where critical electronic equipment must be visible and protected from the elements

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

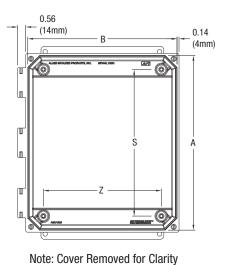
Construction

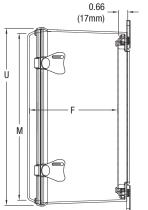
- Compression molded fiberglass reinforced polyester construction with flush, polycarbonate viewing window cover
- Allied Moulded ULTRAGUARD® fiberglass reinforced polyester material formulation - UV stabilized for outdoor use
- Opaque cover, base, feet, flanges Light gray color (RAL 7035) Note: foot models mounting hardware supplied in a bag. Flanged models are pre-assembled
- 316 stainless steel hinge pin and twist latches with padlock hasp (.375" dia.)
- Formed-In-Place (FIP) polyurethane gasket system encased in continuous channel
- Polycarbonate foot/flange mounting brackets with 316 stainless steel fasteners
- #10-32 threaded brass inserts are installed for back panel mounting

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

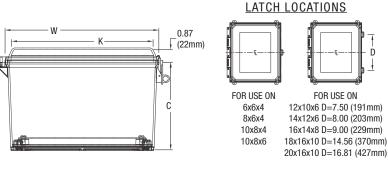


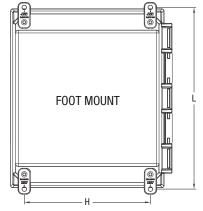






FLANGE MOUNT





*Nom. Wall Thickness: .13 (3mm) 16" size: .16 (4mm) 18" & 20" sizes: .19 (5mm)

Part No.	Box Size			Usable Depth	Во	nel ess ters	Back Panel Size			Flange Mount Centers		Foot Mount Centers		Cover Size				Window Dim. (H x W)
	A	В	C	F	S	Z	Ht.	Wid.	P/N	J	ı	Н	L	K	M	W	U	(II X II)
AMU664TW	6.04	6.26	4.13	3.99	4.25	4.25	4.81	4.81	PL66	4.00	6.88, 6.75	4.91	6.75	5.70	5.53	6.72	6.50	3.50 x 3.50
AMU664TWF	153mm	159mm	105mm	101mm	108mm	108mm	122mm	122mm	PLA66	102mm	175, 171mm	125mm	171mm	145mm	140mm	171mm	165mm	89mm x 89mm
AMU864TW AMU864TWF	8.06	6.28	4.13	4.00	6.25	4.25	6.75	4.88	PL86 PLA86	4.00	8.88, 8.75	4.91	8.75	5.75	7.53	6.72	8.50	5.25 x 4.00
	205mm	160mm	105mm	102mm	159mm	108mm	171mm	124mm		102mm	222, 226mm	125mm	222mm	146mm	191mm	171mm	216mm	133mm x 102mr
AMU1084TW AMU1084TWF	10.05	8.27	4.13	4.00	8.25	6.25	8.75	6.88	PL108	6.00	10.75	6.91	10.75	7.75	9.53	8.72	10.50	6.25 x 4.25
	255mm	210mm	105mm	102mm	210mm	159mm	222mm	175mm	PLA108	152mm	273mm	176mm	273mm	197mm	242mm	221mm	267mm	159mm x 108mr
AMU1086TW AMU1086TWF	10.04	8.26	6.13	6.10	8.25	6.25	8.75	6.88	PL108 PLA108	6.00	10.75	6.91	10.75	7.75	9.53	8.72	10.50	6.25 x 4.25
	255mm	210mm	156mm	155mm	210mm	159mm	222mm	175mm		152mm	273mm	175mm	273mm	197mm	242mm	221mm	267mm	159mm x 108mr
AMU1206TW	12.05	10.27	6.13	6.00	10.25	8.25	10.75	8.88	PL120 PLA120	8.00	12.75	8.82	12.70	9.75	11.53	10.72	12.50	8.38 x 6.50
AMU1206TWF	306mm	261mm	156mm	153mm	260mm	210mm	273mm	226mm		203mm	324mm	224mm	323mm	248mm	293mm	272mm	318mm	213mm x 165mr
AMU1426TW	14.05	12.27	6.13	6.00	12.25	10.25	12.75	10.88	PL142 PLA142	10.01	14.75, 14.62	10.82	14.70	11.75	13.53	12.72	14.50	10.38 x 8.51
AMU1426TWF	357mm	312mm	156mm	152mm	311mm	260mm	324mm	276mm		254mm	375, 371mm	275mm	373mm	298mm	344mm	323mm	368mm	264mm x 216mr
AMU1648TW	16.05	14.27	8.14	7.99	14.25	12.25	14.75	12.88	P164	12.00	16.75	11.47	16.91	13.75	15.53	14.72	16.50	12.38 x 10.50
AMU1648TWF	408mm	362mm	207mm	203mm	362mm	311mm	375mm	327mm	PA164	305mm	425mm	291mm	430mm	349mm	394mm	374mm	419mm	314mm x 267mr
AMU1860TW AMU1860TWF	18.12	16.34	10.13	10.00	16.26	14.26	16.88	14.88	P186 PA186	12.00	18.88, 18.76	13.72	19.16	15.75	17.78	16.97	18.75	13.00 x 11.0
	460mm	415mm	257mm	254mm	413mm	362mm	429mm	378mm		305mm	480, 477mm	348mm	487mm	400mm	452mm	431mm	476mm	330mm x 267mr
AMU2060TW	19.87	16.09	10.14	9.99	17.81	13.81	18.44	14.44	P206	10.00	21.28	13.16	20.53	15.75	19.53	16.72	20.50	14.00 x 12.0
AMU2060TWF	505mm	409mm	257mm	254mm	452mm	351mm	468mm	367mm	PA206	254mm	540mm	334mm	521mm	400mm	496mm	425mm	521mm	356mm x 305mr

All dimensions are in inches unless otherwise noted

"I" dimensions with multiple numbers indicate slotted holes

Enclosure base part numbers come standard with 4 separately bagged feet (ex. AMU664TW)

Part numbers with "F" signify factory installed flanges (ex. AMU664TWF)

Additional back panels found on page 128

★Coming soon!







Data subject to change without notice



ULTRALINE®



JIC SIZE JUNCTION BOXES

Cover Type

Clear Polycarbonate

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
- Clear polycarbonate instrumentation cover, used in applications where critical electronic equipment must be visible and protected from the elements

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

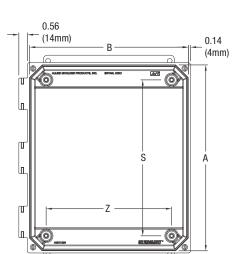
- Compression molded fiberglass reinforced polyester construction with flush, clear polycarbonate cover
- Allied Moulded ULTRAGUARD® fiberglass reinforced polyester material formulation - UV stabilized for outdoor use
- Enclosure base, feet, flanges Light gray color (RAL 7035) Note: foot models mounting hardware supplied in a bag. Flanged models are pre-assembled
- 316 stainless steel hinge pin and twist latches with padlock hasp (.375" dia.)
- Formed-In-Place (FIP) polyurethane gasket system encased in continuous channel
- Polycarbonate foot/flange mounting brackets with 316 stainless steel fasteners
- #10-32 threaded brass inserts are installed for back panel mounting

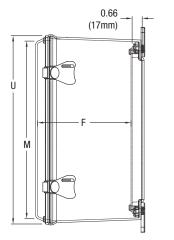
- Optional back panels and hinged front panels
- Custom holes and cutouts
- Molded-in color matching
- EMI/RFI shielding
- Factory-supplied silk screening



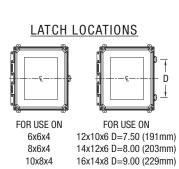
FLANGE MOUNT

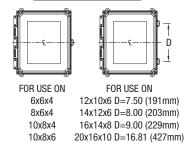
FOOT MOUNT





Note: Cover Removed for Clarity





*Nom. Wall Thickness: .13 (3mm) 16" size: .16 (4mm) 18" & 20" sizes: .19 (5mm)

0.87 (22mm)

Part No.	E	Box Size			Usable Panel Boss Centers		Back Panel Size			Flange Mount Centers		Foot Mount Centers		Cover Size			
	A	В	C	F	S	Z	Ht.	Wid.	P/N	J	I	Н	L	K	M	W	U
AMU664CCT AMU664CCTF	6.04	6.26	4.12	4.09	4.25	4.25	4.81	4.81	PL66	4.00	6.88, 6.75	4.91	6.75	5.70	5.53	6.72	6.50
	153mm	159mm	105mm	103mm	108mm	108mm	122mm	122mm	PLA66	102mm	175, 171mm	125mm	171mm	145mm	140mm	171mm	165mm
AMU864CCT AMU864CCTF	8.06	6.28	4.13	4.11	6.25	4.25	6.75	4.88	PL86 PLA86	4.00	8.88, 8.75	4.91	8.75	5.75	7.53	6.72	8.50
	205mm	160mm	105mm	104mm	159mm	108mm	171mm	124mm		102mm	222, 226mm	125mm	222mm	146mm	191mm	171mm	216mm
AMU1084CCT AMU1084CCTF	10.05	8.27	4.13	4.12	8.25	6.25	8.75	6.88	PL108 PLA108	6.00	10.75	6.91	10.75	7.75	9.53	8.72	10.50
	255mm	210mm	105mm	105mm	210mm	159mm	222mm	175mm		152mm	273mm	176mm	273mm	197mm	242mm	221mm	267mm
AMU1086CCT AMU1086CCTF	10.04	8.26	6.13	6.10	8.25	6.25	8.75	6.88	PL108 PLA108	6.00	10.75	6.91	10.75	7.75	9.53	8.72	10.50
	255mm	210mm	156mm	155mm	210mm	159mm	222mm	175mm		152mm	273mm	175mm	273mm	197mm	242mm	221mm	267mm
AMU1206CCT	12.05	10.27	6.13	6.12	10.25	8.25	10.75	8.88	PL120 PLA120	8.00	12.75	8.82	12.70	9.75	11.53	10.72	12.50
AMU1206CCTF	306mm	261mm	156mm	155mm	260mm	210mm	273mm	226mm		203mm	324mm	224mm	323mm	248mm	293mm	272mm	318mm
AMU1426CCT	14.05	12.27	6.13	6.11	12.25	10.25	12.75	10.88	PL142 PLA142	10.01	14.75, 14.62	10.82	14.70	11.75	13.53	12.72	14.50
AMU1426CCTF	357mm	312mm	156mm	155mm	311mm	260mm	324mm	276mm		254mm	375, 371mm	275mm	373mm	298mm	344mm	323mm	368mm
AMU1648CCT AMU1648CCTF	16.05	14.27	8.14	8.09	14.25	12.25	14.75	12.88	P164 PA164	12.00	16.75	11.47	16.91	13.75	15.53	14.72	16.50
	408mm	362mm	207mm	205mm	362mm	311mm	375mm	327mm		305mm	425mm	291mm	430mm	349mm	394mm	374mm	419mm
AMU2060CCT	19.87	16.09	10.14	10.09	17.81	13.81	18.44	14.44	P206	10.00	21.28	13.16	20.53	15.75	19.53	16.72	20.50
AMU2060CCTF	505mm	409mm	257mm	256mm	452mm	351mm	468mm	367mm	PA206	254mm	541mm	334mm	521mm	400mm	496mm	425mm	521mm

All dimensions are in inches unless otherwise noted

"I" dimensions with multiple numbers indicate slotted holes

Enclosure base part numbers come standard with 4 separately bagged feet (ex. AMU664CCT)

Part numbers with "F" signify factory installed flanges (ex. AMU664CCTF)

Additional back panels found on page 128

★Coming soon!







