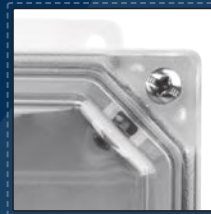# AMU Series
JIC SIZE JUNCTION BOXES

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
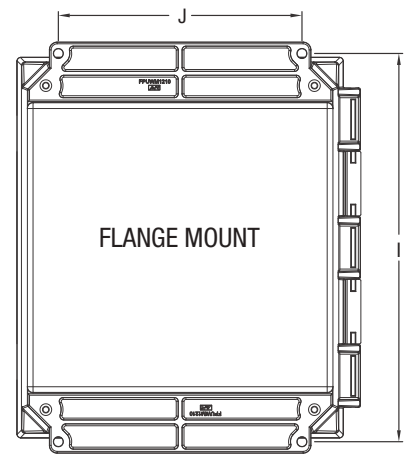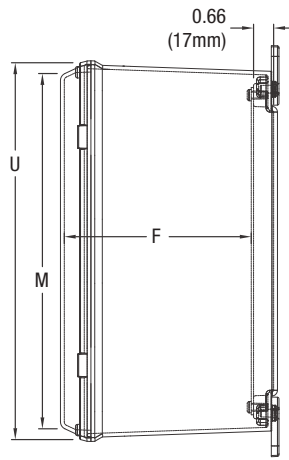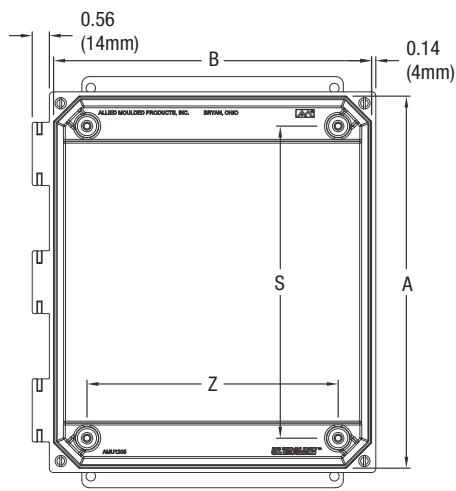
Standards

- 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)
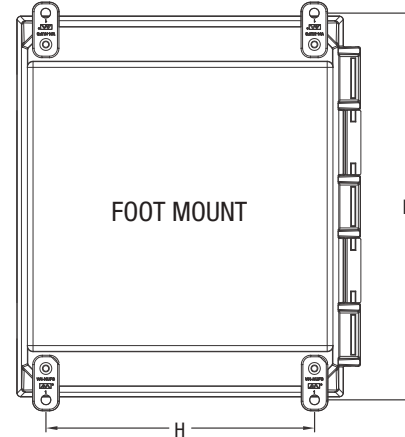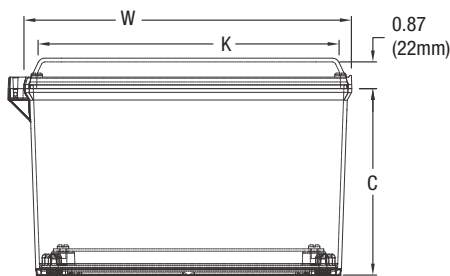 - RoHS directive

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

Accessories & Modifications

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

STANDARDS

ULTRAGUARD®

FIBERGLASS

AM SERIES

AM-R

AMHD-R

CONTROL

EMPIRE

ULTRALINE®

POLYLINE®

ACCESSORIES

MODS

TECHNICAL

INDEX

Note: Cover Removed for Clarity

FLANGE MOUNT

FOOT MOUNT

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

Part No.	Box Size			Usable Depth	Panel Boss Centers		Back Panel Size			Flange Mount Centers		Foot Mount Centers		Cover Size			
	A	B	C	F	S	Z	Ht.	Wid.	P/N	J	I	H	L	K	M	W	U
AMU664CC AMU664CCF	6.04	6.26	4.12	4.09	4.25	4.25	4.81	4.81	PL66 PLA66	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		102mm	175, 171mm	125mm	171mm	145mm	140mm	171mm	165mm
AMU864CC AMU864CCF	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
AMU1084CC AMU1084CCF	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
★AMU1086CC AMU1086CCF	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
AMU1206CC AMU1206CCF	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
	306mm	261mm	156mm	155mm	260mm	210mm	273mm	226mm		203mm	324mm	224mm	323mm	248mm	293mm	272mm	318mm
AMU1426CC AMU1426CCF	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
	357mm	312mm	156mm	155mm	311mm	260mm	324mm	276mm		254mm	375, 371mm	275mm	373mm	298mm	344mm	323mm	368mm
AMU1648CC AMU1648CCF	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
★AMU2060CC AMU2060CCF	19.87	16.09	10.14	10.09	17.81	13.81	18.44	14.44	P206 PA206	10.00	21.28	13.16	20.53	15.75	19.53	16.72	20.50
	505mm	409mm	257mm	256mm	452mm	351mm	468mm	367mm		254mm	541mm	334mm	521mm	400mm	496mm	425mm	521mm

All dimensions are in inches unless otherwise noted

Data subject to change without notice

"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!

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