

JIC Size Junction Boxes: Metal Snap Latch Hinged Cover

• Window



PRODUCT INFORMATION

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

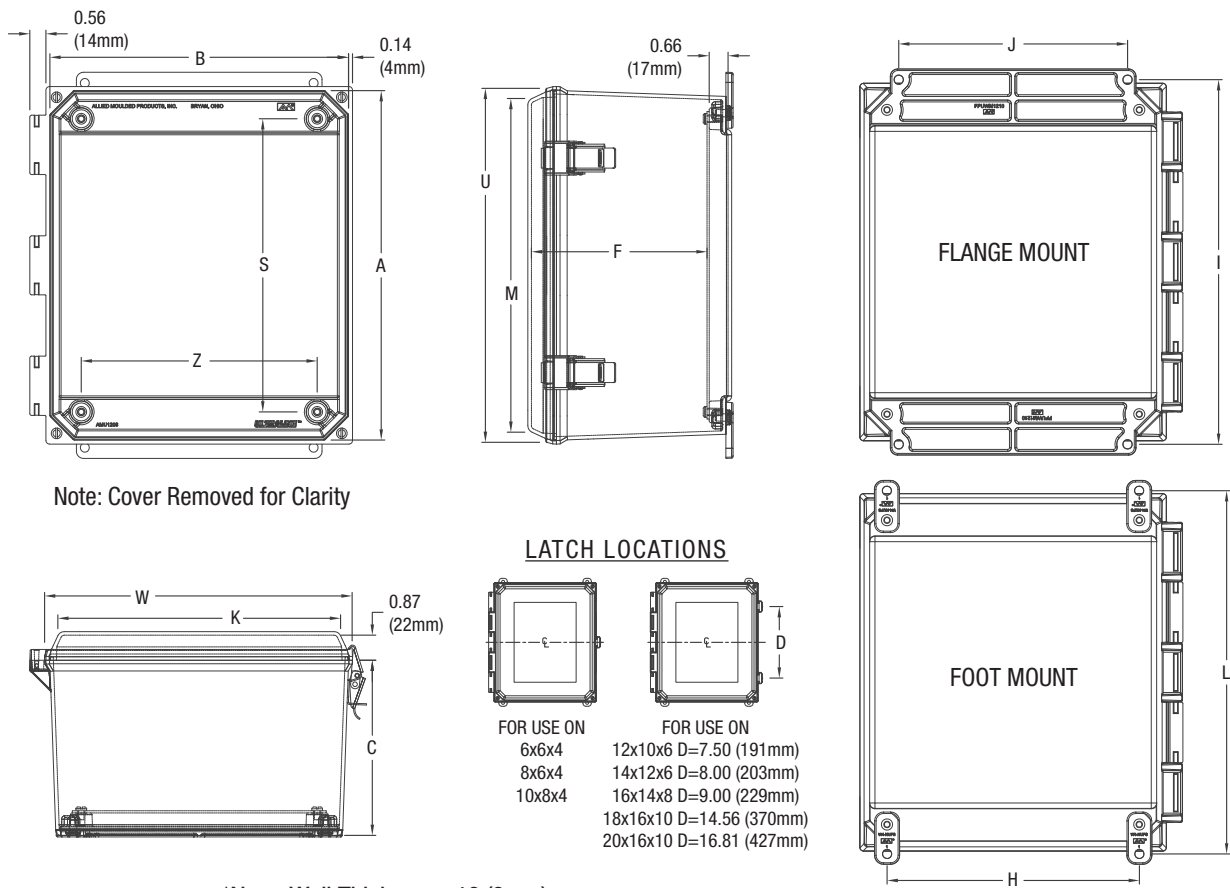
- UL 50 and UL 50E Types 1, 2, 3, 3R, 4, 4X, 12 and 13
- CSA C22.2 No. 94 Types 1, 2, 3, 3R, 4, 4X, 12 and 13
- Complies with:
 - NEMA Types 1, 2, 3, 3R, 4, 4X, 12 and 13
 - IEC 60529 Type IP66
 - RoHS directive

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 snap latches feature padlock hasp
- Formed-In-Place (FIP) polyurethane gasket system encased in continuous channel
- 316 stainless steel hinge pin and foot/flange mounting hardware
- #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



*Nom. Wall Thickness: .13 (3mm)
 16" size: .14 (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				Window Dim. (H x W)
	A	B	C		F	S	Z	Ht.	Wid.	P/N	J	I	H	L	K	M	W	
AMU664LW AMU664LWF	6.04 153mm	6.26 159mm	4.13 105mm	3.99 101mm	4.25 108mm	4.25 108mm	4.81 122mm	4.81 122mm	PL66 PLA66	4.00 102mm	6.88, 6.75 175, 171mm	4.91 125mm	6.75 171mm	5.89 150mm	5.67 144mm	6.72 171mm	6.50 165mm	3.50 x 3.50 89mm x 89mm
AMU864LW AMU864LWF	8.06 205mm	6.28 160mm	4.13 105mm	4.00 102mm	6.25 159mm	4.25 108mm	6.75 171mm	4.88 124mm	PL86 PLA86	4.00 102mm	8.88, 8.75 222, 226mm	4.91 125mm	8.75 222mm	5.89 150mm	7.67 144mm	6.72 171mm	8.50 216mm	5.25 x 4.00 133mm x 102mm
AMU1084LW AMU1084LWF	10.05 255mm	8.27 210mm	4.13 105mm	4.00 102mm	8.25 210mm	6.25 159mm	8.75 222mm	6.88 175mm	PL108 PLA108	6.00 152mm	10.75 273mm	6.91 176mm	10.75 273mm	7.89 200mm	9.67 246mm	8.72 221mm	10.50 267mm	6.25 x 4.25 159mm x 108mm
AMU1206LW AMU1206LWF	12.05 306mm	10.27 261mm	6.13 156mm	6.00 153mm	10.25 260mm	8.25 210mm	10.75 273mm	8.88 226mm	PL120 PLA120	8.00 203mm	12.75 324mm	8.82 224mm	12.70 323mm	9.89 251mm	11.67 296mm	10.72 272mm	12.50 318mm	8.38 x 6.50 213mm x 165mm
AMU1426LW AMU1426LWF	14.05 357mm	12.27 312mm	6.13 156mm	6.00 152mm	12.25 311mm	10.25 260mm	12.75 324mm	10.88 276mm	PL142 PLA142	10.01 254mm	14.75, 14.62 375, 371mm	10.82 275mm	14.70 373mm	11.89 302mm	13.67 347mm	12.72 323mm	14.50 368mm	10.38 x 8.51 264mm x 216mm
AMU1648LW AMU1648LWF	16.05 408mm	14.27 362mm	8.14 207mm	7.99 203mm	14.25 362mm	12.25 311mm	14.75 375mm	12.88 327mm	P164 PA164	12.00 305mm	16.75 425mm	11.47 291mm	16.91 430mm	13.89 353mm	15.67 398mm	14.72 374mm	16.50 419mm	12.38 x 10.50 314mm x 267mm
AMU1860LW AMU1860LWF	18.12 460mm	16.34 415mm	10.13 257mm	10.00 254mm	16.26 413mm	14.26 362mm	16.88 429mm	14.88 378mm	P186 PA186	12.00 305mm	18.88, 18.76 480, 477mm	13.72 348mm	19.16 487mm	16.14 410mm	17.92 455mm	16.97 431mm	18.75 476mm	13.00 x 11.00 330mm x 267mm
AMU2060LW AMU2060LWF	19.87 505mm	16.09 409mm	10.14 257mm	9.99 254mm	17.81 452mm	13.81 351mm	18.44 468mm	14.44 367mm	P206 PA206	10.00 254mm	21.28 540mm	13.16 334mm	20.53 521mm	15.89 404mm	19.67 500mm	16.72 425mm	20.50 521mm	14.00 x 12.00 356mm x 305mm

All dimensions are in inches unless otherwise noted

Data subject to change without notice

"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

