

AM-R Series JIC Size Junction Boxes: Hinged Screw Cover With Window

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 Types 1, 2, 3, 4, 4X, 12, and 13
- CSA Types 1, 2, 3, 3R, 4, 4X, 12 and 13
- NEMA Types 1, 2, 3, 3R, 4, 4X, 12 and 13
- IEC 60529 Type IP66
- Compliant with RoHS directive (Restriction of Hazardous Substances)

CONSTRUCTION

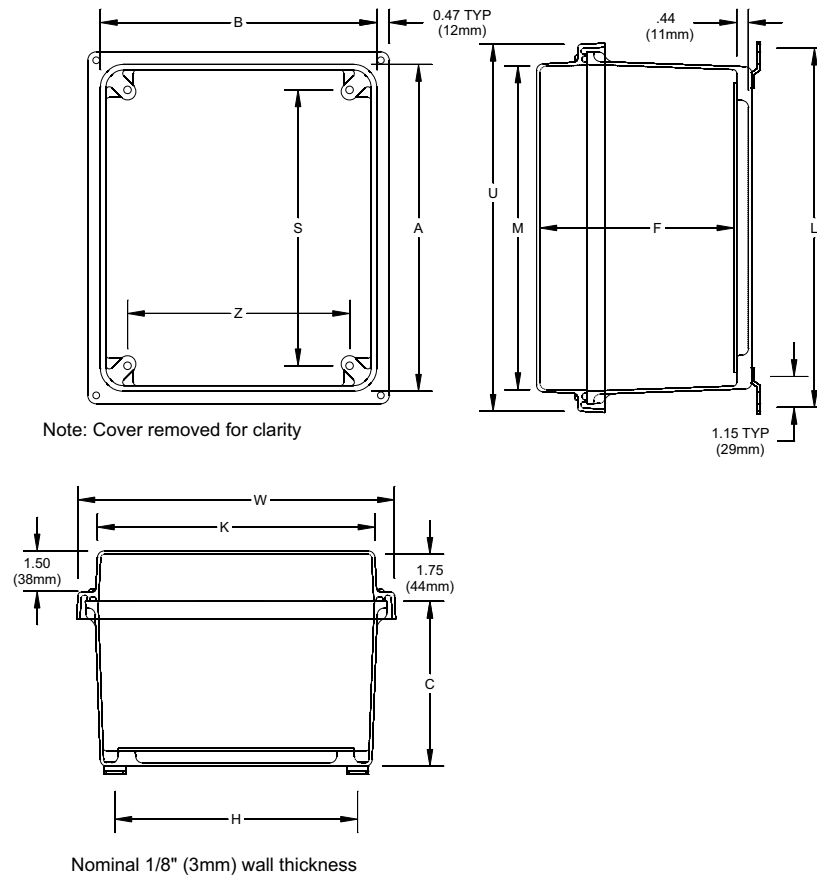
- Strong, molded Ultraguard® fiberglass reinforced polyester material construction with matching raised cover
- UV resistant polycarbonate viewing window
- 300 series stainless steel captive cover screws
- Continuous 300 series stainless steel hinge
- Gasket made of closed-cell neoprene cord encased in a continuous channel
- 300 series stainless steel wall mounting feet with 10-32 stainless steel screws included
- 10-32 threaded inserts are installed for optional back panel
- JIC sizing
- Ultraguard® fiberglass material is easily punched, drilled or sawed
- UV stabilized for outdoor use

ACCESSORIES

- Optional back panels (See table on pages 100-101.)
- Optional hinged front panel (See table on page 102.)
- Optional thermal management products (See pages 103-104.)

MODIFICATIONS

- Custom size holes and cutouts
- Molded-in color matches
- Hinge installed on short side
- EMI/RFI shielding
- Factory-supplied silk screening



Part No.	Box Size			Usable Depth	Panel Boss Centers		Panel Sizes		Foot Mount Centers		Cover Size				Window Dimension (height x width)
	A	B	C		F	S	Z	Height	Width	H	L	K	M	U	
AM664RHW	6.10	6.10	4.18	5.26	4.25	4.25	4.81	4.81	5.01	7.32	6.08	6.08	7.69	7.69	4.25 X 4.25
	155mm	155mm	106mm	134mm	108mm	108mm	122mm	122mm	127mm	186mm	154mm	154mm	195mm	195mm	108mm X 108mm
AM864RHW	8.00	6.13	4.13	5.21	6.25	4.25	6.75	4.88	5.01	9.19	6.11	7.98	9.59	7.71	6.25 X 4.25
	203mm	156mm	105mm	132mm	159mm	108mm	171mm	124mm	127mm	233mm	155mm	203mm	244mm	196mm	159mm X 108mm
AM1084RHW	10.14	8.26	4.13	5.21	8.25	6.25	8.75	6.88	7.01	11.19	8.44	10.32	11.73	9.85	8.38 X 6.50
	258mm	210mm	105mm	132mm	210mm	159mm	222mm	175mm	178mm	284mm	214mm	262mm	298mm	250mm	213mm X 159mm
AM1086RHW	10.14	8.26	6.13	7.21	8.25	6.25	8.75	6.88	7.01	11.19	8.44	10.32	11.73	9.85	8.38 X 6.50
	258mm	210mm	156mm	183mm	210mm	159mm	222mm	175mm	178mm	284mm	214mm	262mm	298mm	250mm	213mm X 159mm
AM1206RHW	12.14	10.26	6.13	7.21	10.25	8.25	10.75	8.88	9.01	13.19	10.45	12.32	13.73	11.85	10.38 X 8.50
	308mm	261mm	156mm	183mm	260mm	210mm	273mm	226mm	229mm	335mm	265mm	313mm	349mm	301mm	264mm X 216mm
AM1426RHW	14.13	12.26	6.13	7.21	12.25	10.25	12.75	10.88	11.01	15.19	12.45	14.32	15.73	13.85	12.38 X 10.50
	359mm	311mm	156mm	183mm	311mm	260mm	324mm	276mm	280mm	386mm	316mm	364mm	400mm	352mm	314mm X 267mm
AM1648RHW	16.27	14.40	8.13	9.21	14.25	12.25	14.75	12.88	13.01	17.19	13.86	15.73	17.87	15.99	13.00 X 11.00
	413mm	366mm	207mm	234mm	362mm	311mm	375mm	327mm	330mm	437mm	352mm	400mm	454mm	406mm	330mm X 279mm
AM1868RHW	18.40	16.40	8.13	9.21	16.25	14.25	16.88	14.88	14.97	19.28	15.86	17.86	20.00	18.00	14.00 X 12.00
	467mm	417mm	207mm	234mm	413mm	362mm	429mm	378mm	380mm	490mm	403mm	454mm	508mm	457mm	356mm X 305mm
AM2068RHW	20.00	16.00	8.13	9.21	17.81	13.81	18.44	14.44	14.54	20.84	15.43	19.43	21.59	17.59	15.00 X 11.00
	508mm	406mm	207mm	234mm	452mm	351mm	468mm	367mm	369mm	529mm	392mm	494mm	548mm	447mm	381mm X 279mm

All dimensions are in inches unless otherwise noted.



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