



# Non-Metallic Fiberglass Enclosures

**IP66 (NEMA 4X) Fiberglass  
JIC size Junction boxes  
with Factory Installed  
Mounting Flanges**

*OM-AMU Series  
Starts at  
£37.50*



- Suited for Higher Temperatures or Corrosive Environments
- Protect Controls and Components Indoors or Outdoors
- UL 94 Flammability Rating
- UV Stabilized for Outdoor Use
- 304 SS Hardware and Continuous Hinge
- Multiple Cover Options—Raised or Clear Polycarbonate
- Optional Sub-Panels and Front Panels
- Factory Installed Mounting Flange or 304 SS Mounting Feet Available

OM-AMU series non-metallic fiberglass enclosures are designed to insulate and protect electrical controls and components in both indoor and outdoor applications and are especially well suited for higher temperatures and corrosive environments. These NEMA 4X (IP66) fiberglass JIC junction boxes feature raised covers with a variety of latching options that allow you to provide the level of security or ease of access needed for each application. The OM-AMU series enclosures have molded-in hinges with removable stainless steel hinge pins.

## Construction

- Fiberglass Reinforced Polyester Formulation
- Tongue and Groove, Closed Cell Neoprene Seal Designed for Nema Type 4X Rating
- Molded-In Hinge and Latch Keeper Designs Eliminate Wall Penetrations
- Factory Installed Durable Polycarbonate Mounting Flange
- 304 SS Hardware

## Closures

The OM-AMU Series fiberglass enclosures are available in four closure styles.

- Lift-Off Cover with Four Screws
- Molded-In Hinge on One Side with 2 Screws on the Opposite Side
- Padlocking Snap Latch or Twist Latch with Molded-In Hinge



OM-AMU664F solid cover fiberglass enclosure with 4 screw closure and factory installed mounting flange, £37.50.

All models shown much smaller than actual size.

OM-AMU1206TCCF fiberglass enclosure with molded-in hinge, clear polycarbonate cover, padlocking twist latch and mounting flange, £78.



OM-AMU1426LWF raised front fiberglass enclosure with stainless steel hinge, padlocking snap latch, viewing window and mounting flange, £127.

OM-AMU1084TCCF fiberglass enclosure with molded-in hinge, clear polycarbonate window and padlocking twist latch, £66. Shown with OM-HFPU108, front dead panel sold separately, £29.00.



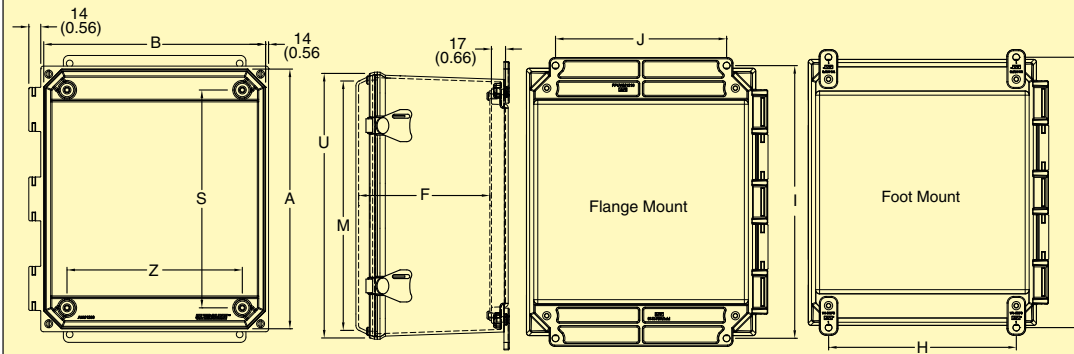
## SPECIFICATIONS

**Service Temperature Rating:** -35 to 130°C (-31 to 266°F)

**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 Type IP66

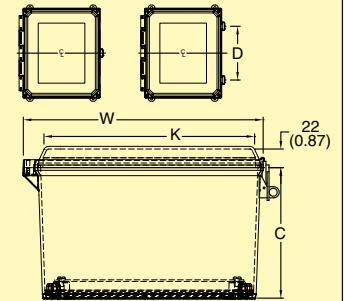


Dimensions: mm (in)



#### Latch Locations

For Use On	For Use On
6x6x4	12x10x6 D= 191 (7.50)
8x6x4	14x12x6 D=203 (8.00)
10x8x4	16x14x8 D=229 (9.00)
10x8x6	18x16x8 D=241 (9.50)
	20x18x8 D=260 (10.25)



All models shown much smaller than actual size.



OM-AMU1084TCCF fiberglass enclosure with molded-in hinge, clear polycarbonate window and padlocking twist latch, £66. Shown with OM-HFPU108, front dead panel sold separately, £29.



OM-AMU1426LWF raised front fiberglass enclosure with stainless steel hinge, 2 padlocking, snap latches, viewing window and mounting flange, £127.



OM-AMU1206TCCF fiberglass enclosure with molded-in hinge, clear polycarbonate cover, padlocking twist latch and mounting flange, £78.

#### OM-AMU SERIES DIMENSIONS: mm (in)

MODEL NUMBER	BOX SIZE			USABLE DEPTH F	PANEL BOSS CENTERS		FLANGE MOUNT CENTERS		FOOT MOUNT CENTERS		COVER SIZE				NOMINAL WALL THICKNESS	WINDOW H x W
	A	B	C		S	Z	J	I	H	L	K	M	U	W		
OM-AMU664	154 (6.05)	159 (6.27)	105 (4.13)	104 (4.11)	108 (4.25)	108 (4.25)	102 (4.00)	175, 171 (6.88, 6.75)	125 (4.91)	171 (6.75)	150 (5.89)	144 (5.67)	171 (6.72)	165 (6.50)	3 (0.13)	90 x 90 (3.50 x 3.50)
OM-AMU864	204 (8.05)	159 (6.27)	105 (4.13)	104 (4.11)	159 (6.25)	108 (4.25)	102 (4.00)	226, 222 (8.88, 8.75)	125 (4.91)	222 (8.75)	150 (5.89)	195 (7.67)	171 (6.72)	216 (8.50)	3 (0.13)	133 x 102 (5.25 x 4.00)
OM-AMU1084	255 (10.05)	210 (8.27)	105 (4.13)	104 (4.11)	210 (8.25)	159 (6.25)	152 (6.00)	273 (10.75)	176 (6.91)	273 (10.75)	200 (7.89)	246 (9.67)	221 (8.72)	267 (10.50)	3 (0.13)	159 x 108 (6.25 x 4.25)
OM-AMU1206	306 (12.05)	261 (10.27)	156 (6.13)	155 (6.11)	260 (10.25)	210 (8.25)	203 (8.00)	324 (12.75)	224 (8.82)	323 (12.70)	251 (9.89)	296 (11.67)	272 (10.72)	318 (12.50)	3 (0.13)	213 x 165 (8.38 x 6.50)
OM-AMU1426	357 (14.05)	312 (12.27)	156 (6.13)	155 (6.11)	311 (12.25)	260 (10.25)	254 (10)	375, 371 (14.75, 14.62)	275 (10.82)	373 (14.7)	302 (11.89)	347 (13.67)	323 (12.72)	368 (14.5)	3 (0.13)	264 x 216 (10.38 x 8.50)
OM-AMU1648	408 (16.05)	362 (14.27)	207 (8.13)	206 (8.11)	362 (14.25)	311 (12.25)	305 (12.00)	425 (16.75)	291 (11.47)	430 (16.91)	353 (13.89)	398 (15.67)	374 (14.72)	419 (16.50)	4 (0.14)	314 x 267 (12.38 x 10.50)
OM-AMU1860	460 (18.12)	415 (16.34)	257 (10.13)	257 (10.10)	413 (16.25)	362 (14.25)	305 (12.00)	480, 477 (18.88, 18.76)	348 (13.72)	487 (19.16)	410 (16.14)	455 (17.92)	431 (16.97)	476 (18.75)	5 (0.19)	330 x 279 (13.00 x 11.00)
OM-AMU2060	505 (19.87)	409 (16.09)	257 (10.13)	257 (10.10)	452 (17.81)	351 (13.81)	254 (10.00)	540 (21.25)	334 (13.16)	521 (20.53)	404 (15.89)	500 (19.67)	425 (16.72)	521 (20.50)	5 (0.19)	356 x 305 (14.00 x 12.00)



Pole mount kits for up to 16" dia. poles available. See accessories chart below.

Pole mount kits are 14 gauge (0.075") galvanized steel with 48" SS pole clamp and includes #10-32 SS screws, washers and lock nuts.

OM-AMU664F solid cover fiberglass enclosure with 4 screw closure and factory installed mounting flange, £37.50



Shown smaller than actual size.

## ACCESSORIES

SUB-PANELS						
FIBERGLASS	PRICE	ALUMINUM	PRICE	STEEL	PRICE	DESCRIPTION
OM-PF66	£6.60	OM-PA66	£4.40	SCE-6P6	£2.50	Sub-panel for 6 x 6" enclosure
OM-PF86	7.50	OM-PA86	5.30	SCE-8P6	3.40	Sub-panel for 8 x 6" enclosure
OM-PF108	10.00	OM-PA108	8.40	SCE-10P8	4.00	Sub-panel for 10 x 8" enclosure
OM-PF120	12.00	OM-PA120	8.50	SCE-12P10	5.40	Sub-panel for 12 x 10" enclosure
OM-PF142	16.25	OM-PA142	14.25	SCE-14P12	7.00	Sub-panel for 14 x 12" enclosure
OM-PF164	21.00	OM-PA164	19.75	SCE-16P14	14.00	Sub-panel for 16 x 14" enclosure
OM-PF186	28.50	OM-PA186	23.50	OM-P186	17.75	Sub-panel for 18 x 16" enclosure
OM-PF206	33.50	OM-PA206	29.50	OM-P206	27.50	Sub-panel for 20 x 16" enclosure
FRONT-PANELS	PRICE	DESCRIPTION				
OM-HFPU66	£21.75	Aluminum front-panel for 6 x 6" enclosure				
OM-HFPU86	25.00	Aluminum front-panel for 8 x 6" enclosure				
OM-HFPU108	29.00	Aluminum front-panel for 10 x 8" enclosure				
OM-HFPU120	36.00	Aluminum front-panel for 12 x 10" enclosure				
OM-HFPU142	24.00	Aluminum front-panel for 14 x 12" enclosure				
OM-HFPU164	44.00	Aluminum front-panel for 16 x 14" enclosure				
OM-HFPU186	50.00	Aluminum front-panel for 18 x 16" enclosure				
OM-HFPU206	68.00	Aluminum front-panel for 20 x 16" enclosure				
POLE MOUNT KIT	PRICE	DESCRIPTION				
OM-AMPOLEMNT6	£28.00	Pole mount kit for 6" wide fiberglass enclosures				
OM-AMPOLEMNT8	30.00	Pole mount kit for 8" wide fiberglass enclosures				
OM-AMPOLEMNT10	32.50	Pole mount kit for 10" wide fiberglass enclosures				
OM-AMPOLEMNT12	39.50	Pole mount kit for 12" wide fiberglass enclosures				
OM-AMPOLEMNT14	48.00	Pole mount kit for 14" wide fiberglass enclosures				
OM-AMPOLEMNT16	51.00	Pole mount kit for 16" wide fiberglass enclosures				



**To Order** (Specify Model Number)**MOST POPULAR MODELS HIGHLIGHTED!****NON-METALLIC FIBERGLASS ENCLOSURES****SCREW CLOSURE MODELS**

MODELS WITHOUT HINGES	PRICE	MODELS WITH HINGES	PRICE	DIMENSIONS (inches)		
				HEIGHT	WIDTH	DEPTH
OM-AMU664F	£37.50	OM-AMU664HF	£41	6	6	4
OM-AMU664CCF	45.	OM-AMU664CCHF	49	6	6	4
OM-AMU664WF	62.	OM-AMU664HWF	64	6	6	4
OM-AMU864F	39.50	OM-AMU864HF	42	8	6	4
OM-AMU864CCF	47.	OM-AMU864CCHF	50	8	6	4
OM-AMU864WF	67.	OM-AMU864HWF	68	8	6	4
OM-AMU1084F	41.50	OM-AMU1084HF	45.50	10	8	4
OM-AMU1084CCF	49.	OM-AMU1084CCHF	54	10	8	4
OM-AMU1084WF	75.	OM-AMU1084HWF	77	10	8	4
OM-AMU1206F	55.	OM-AMU1206HF	58	12	10	6
OM-AMU1206CCF	65.	OM-AMU1206CCHF	70	12	10	6
OM-AMU1206WF	95.	OM-AMU1206HWF	99	12	10	6
OM-AMU1426F	63.	OM-AMU1426HF	67	14	12	6
OM-AMU1426CCF	75.	OM-AMU1426CCHF	80	14	12	6
OM-AMU1426WF	115	OM-AMU1426HWF	117	14	12	6
OM-AMU1648F	74.	OM-AMU1648HF	78	16	14	8
OM-AMU1648CCF	88.	OM-AMU1648CCHF	92	16	14	8
OM-AMU1648WF	130	OM-AMU1648HWF	131	16	14	8
OM-AMU1860F	112	OM-AMU1860HF	115	18	16	10
OM-AMU1860WF	163	OM-AMU1860HWF	165	18	16	10
OM-AMU2060F	175	OM-AMU2060HF	178	20	16	10
OM-AMU2060WF	253	OM-AMU2060HWF	253	20	16	10

**PADLOCKING LATCH CLOSURE MODELS**

MODELS WITH SNAP LATCHES	PRICE	MODELS WITH TWIST LATCHES	PRICE	DIMENSIONS (inches)		
				HEIGHT	WIDTH	DEPTH
OM-AMU664LF	£49.50	OM-AMU664TF	£49.50	6	6	4
OM-AMU664LCCF	59	OM-AMU664TCCF	59	6	6	4
OM-AMU664LWF	71	OM-AMU664TWF	71	6	6	4
OM-AMU864LF	52	OM-AMU864TF	52	8	6	4
OM-AMU864LCCF	61	OM-AMU864TCCF	61	8	6	4
OM-AMU864LWF	76	OM-AMU864TWF	76	8	6	4
OM-AMU1084LF	56	OM-AMU1084TF	56	10	8	4
OM-AMU1084LCCF	66	OM-AMU1084TCCF	66	10	8	4
OM-AMU1084LWF	84	OM-AMU1084TWF	84	10	8	4
OM-AMU1206LF	66	OM-AMU1206TF	66	12	10	6
OM-AMU1206LCCF	78	OM-AMU1206TCCF	78	12	10	6
OM-AMU1206LWF	106	OM-AMU1206TWF	106	12	10	6
OM-AMU1426LF	78	OM-AMU1426TF	78	14	12	6
OM-AMU1426LCCF	93	OM-AMU1426TCCF	93	14	12	6
OM-AMU1426LWF	127	OM-AMU1426TWF	127	14	12	6
OM-AMU1648LF	89	OM-AMU1648TF	89	16	14	8
OM-AMU1648LCCF	106	OM-AMU1648TCCF	106	16	14	8
OM-AMU1648LWF	142	OM-AMU1648TWF	142	16	14	8
OM-AMU1860LF	131	OM-AMU1860TF	131	18	16	10
OM-AMU1860LWF	178	OM-AMU1860TWF	178	18	16	10
OM-AMU2060LF	184	OM-AMU2060TF	184	20	16	10
OM-AMU2060LWF	278	OM-AMU2060TWF	278	20	16	10

**Note:** "W" indicates models with viewing window, "CC" indicates clear polycarbonate cover.

**Ordering Examples:** OM-AMU664F, solid cover fiberglass enclosure 6 H x 6 W x 4" D with factory installed mounting flange, £37.50

OM-AMU1206LCCF, fiberglass enclosure with raised UV resistant polycarbonate cover and snap latches 12 H x 10 W x 6" D, and SCE-12P10 steel sub-panel for 12 x 10" enclosure, £78 + 5.40 = £83.40

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