Back Panels

Small Junction Boxes
Optional Aluminum / Fiberglass Back Panel

Part No.	Height	Width
PA74, PF74	4.00	3.13
	102mm	80mm
PA94, PF94	6.25	3.13
	159mm	80mm

All dimensions are in inches unless otherwise noted.
"PA" denotes aluminum, "PF" denotes fiberglass
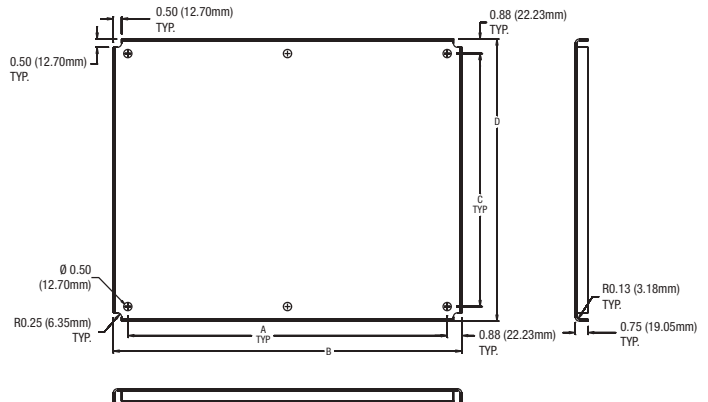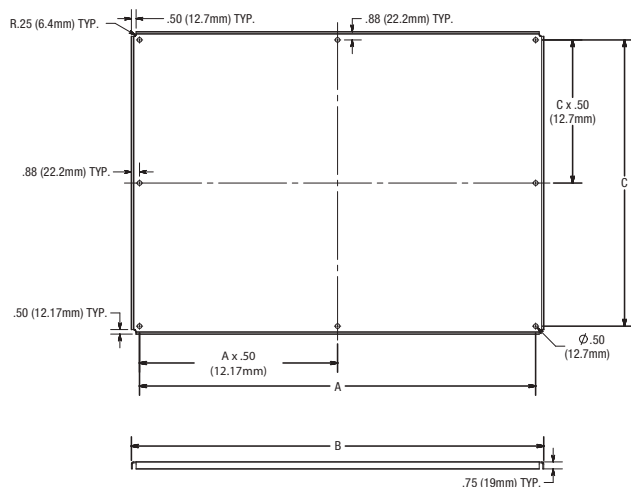Thickness; "PA" (.100) "PF" (.125)

0.075 (1.91mm) Steel, Galvanealed
0.10 (2.54mm) Aluminum
*Fiberglass (FRP)

0.25 (6.35mm) DIA. THRU
TYP. (4) PLACES

P164 - P206

PL66 - PL142
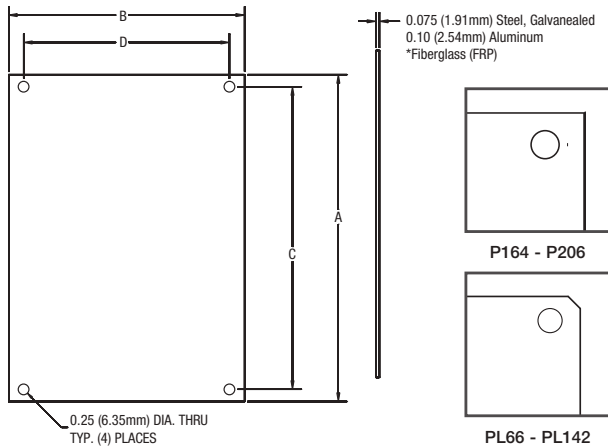
Optional Back Panel Base Part #'s

Prefix	Material Description
P, PL	White Painted Carbon Steel
PA, PLA	Aluminum
PF	Fiberglass
PG	Galvannealed

AM, AMHD, AMU, AM-R Series (JIC Sizes)

Steel	Alum	FRP	Galv	A	B	C	D
PL66 (Replaces P66)	PLA66 (Replaces PA66)	PF66	PG66	4.81	4.81	4.25	4.25
				122mm	122mm	108mm	108mm
PL86 (Replaces P86)	PLA86 (Replaces PA86)	PF86	PG86	6.75	4.88	6.25	4.25
				171mm	124mm	159mm	108mm
PL108 (Replaces P108)	PLA108 (Replaces PA108)	PF108	PG108	8.75	6.88	8.25	6.25
				222mm	175mm	210mm	159mm
PL120 (Replaces P120)	PLA120 (Replaces PA120)	PF120	PG120	10.75	8.88	10.25	8.25
				273mm	226mm	260mm	210mm
PL122	PLA122	PF122	PG122	10.75	10.75	10.25	10.25
				273mm	273mm	260mm	260mm
PL142 (Replaces P142)	PLA142 (Replaces PA142)	PF142	PG142	12.75	10.88	12.25	10.25
				324mm	276mm	311mm	260mm
P164	PA164	PF164	PG164	14.75	12.88	14.25	12.25
				375mm	327mm	362mm	311mm
P186	PA186	PF186	PG186	16.88	14.88	16.25	14.25
				429mm	378mm	413mm	362mm
P206	PA206	PF206	PG206	18.44	14.44	17.81	13.81
				468mm	367mm	452mm	351mm

Fiberglass panel thickness: (0.125") PF66, PF86, PF108; (0.187") PF120, PF142, PF164; (0.250") PF186, PF206

Control Series

Steel	Alum	FRP	Galv	A	B	C	D
P2420	PA2420	PF2420	PG2420	19.25	21.00	15.25	17.00
				489mm	533mm	387mm	432mm
P2424	PA2424	PF2424	PG2424	19.25	21.00	19.25	21.00
				489mm	533mm	489mm	533mm
P3024	PA3024	PF3024	PG3024	25.25	27.00	19.25	21.00
				641mm	686mm	489mm	533mm

Back panels have changed from 4 holes to 6 holes

R.25 (6.4mm) TYP.
.50 (12.7mm) TYP.
.88 (22.2mm) TYP.
C x .50 (12.7mm)
.88 (22.2mm) TYP.
.50 (12.17mm) TYP.
A x .50 (12.17mm)
Ø .50 (12.7mm)
.75 (19mm) TYP.
R.13 (3.2mm) TYP.

0.50 (12.70mm) TYP.
0.88 (22.23mm) TYP.
0.50 (12.70mm) TYP.
Ø 0.50 (12.70mm)
R0.25 (6.35mm) TYP.
R0.13 (3.18mm) TYP.
0.88 (22.23mm) TYP.
0.75 (19.05mm) TYP.

Empire Series

Steel	A	B	C	D
P3630CS	31.24	33.00	25.24	27.00
	793mm	838mm	641mm	686mm
P3636CS	31.24	33.00	31.24	33.00
	793mm	838mm	793mm	838mm
P4836CS	43.24	45.00	31.24	33.00
	1,098mm	1,143mm	793mm	838mm
P6036CS	55.24	57.00	31.24	33.00
	1,403mm	1,448mm	793mm	838mm

Refer to key above for back panel material type

AM-R Series: Aluminum Hinged Front Panels
HFP – Used with raised cover only

FEATURES:

- Panels designed to offer both a professional instrumentation display and a protective covering for electric wiring inside the enclosure
- Completely field-installable panel design with no required enclosure modifications
- Latch design secures panel in place with one-quarter turn
- One-half-inch adjustability up or down
- For use with raised cover enclosures from 6" x 6" through 30" x 24"
- Panel modifications available include: cut-in holes and screen printing
- Compliant with RoHS directive

AM-R Control Series	
Part No.	Panel Dim. (H x W x D)
HFP2420	23.25 x 19.375 x .09
	591mm x 492mm x 2.3mm
HFP2424	23.38 x 23.25 x .09
	594mm x 591mm x 2.3mm
HFP3024	29.25 x 23.38 x .09
	743mm x 594mm x 2.3mm
HFP4032	37.00 x 28.50 x .09
	940mm x 724mm x 2.3mm

Note: Please refer to website www.alliedmoulded.com for installed HFP drawings and dimensional information.

AM-R JIC Series	
Part No.	Panel Dim. (H x W x D)
HFP66	5.60 x 5.60 x .09
	142mm x 142mm x 2.3mm
HFP86	7.50 x 5.63 x .09
	191mm x 143mm x 2.3mm
HFP108	9.50 x 7.50 x .09
	241mm x 191mm x 2.3mm
HFP120	11.50 x 9.50 x .09
	292mm x 241mm x 2.3mm
HFP122	11.50 x 11.50 x .09
	292mm x 292mm x 2.3mm
HFP142	13.50 x 11.50 x .09
	343mm x 292mm x 2.3mm
HFP164	15.50 x 13.50 x .09
	394mm x 343mm x 2.3mm
HFP186*	17.63 x 15.63 x .09
	448mm x 397mm x 2.3mm
HFP206	19.25 x 15.25 x .09
	489mm x 387mm x 2.3mm

*Standard HFP186 doesn't fit in AMHD product.

AMU Series: Aluminum Hinged Front Panels
HFPU

FEATURES:

- Panels designed to offer both a professional instrumentation display and a safety divider for electric wiring inside the enclosure
- Completely field-installable panel design. Installation instruction sheet included.
- Latch design secures panel in place with one-quarter turn
- For use with enclosures from 6" x 6" through 20" x 16"
- Panel modifications available include: cut-in holes and screen printing
- Compliant with RoHS directive

| AMU JIC Series	
Part No.	Panel Dim. (H x W x D)
HFPU66	5.64 x 5.87 x .09
	143mm x 149mm x 2.3mm
HFPU86	7.74 x 5.91 x .09
	197mm x 150mm x 2.3mm
HFPU108	9.64 x 7.87 x .09
	245mm x 200mm x 2.3mm
HFPU120	11.50 x 9.61 x .09
	292mm x 244mm x 2.3mm
HFPU142	13.49 x 11.60 x .09
	343mm x 295mm x 2.3mm
HFPU164	15.46 x 13.58 x .09
	393mm x 345mm x 2.3mm
HFPU186	17.62 x 15.72 x .09
	448mm x 399mm x 2.3mm
HFPU206	19.38 x 15.44 x .09
	492mm x 392mm x 2.3mm

Note: Empire series panels are 0.1046" in thickness.

Note: Please refer to website www.alliedmoulded.com for installed HFPU drawings and dimensional information.

POLYLINE® Series Optional Back Panels:

"PL" Painted White Carbon Steel

or "PLA" Aluminum

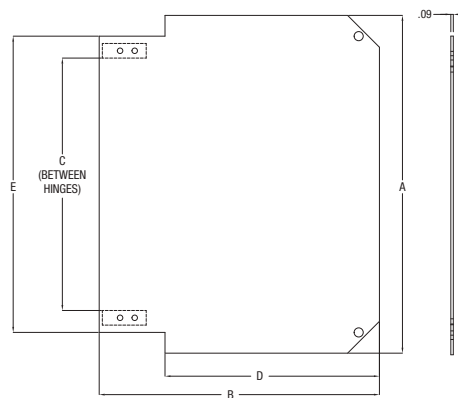| POLYLINE® Series						
STEEL (P/N)	ALUM (P/N)	PVC (P/N)	A	B	C	D
PL66	PLA66	PLPVC66	4.81	4.81	4.25	4.25
			122mm	122mm	108mm	108mm
PL86	PLA86	PLPVC86	6.75	4.88	6.25	4.25
			171mm	124mm	159mm	108mm
PL88	PLA88	PLPVC88	6.75	6.88	6.25	6.25
			171mm	175mm	159mm	159mm
PL108	PLA108	PLPVC108	8.75	6.88	8.25	6.25
			222mm	175mm	210mm	159mm
PL120	PLA120	PLPVC120	10.75	8.88	10.25	8.25
			273mm	226mm	260mm	210mm
PL142	PLA142	PLPVC142	12.75	10.88	12.25	10.25
			324mm	276mm	311mm	260mm
P164	PA164	PLPVC164	14.75	12.88	14.25	12.25
			375mm	327mm	362mm	311mm
P186	PA186	PLPVC186	16.88	14.88	16.25	14.25
			429mm	378mm	413mm	362mm
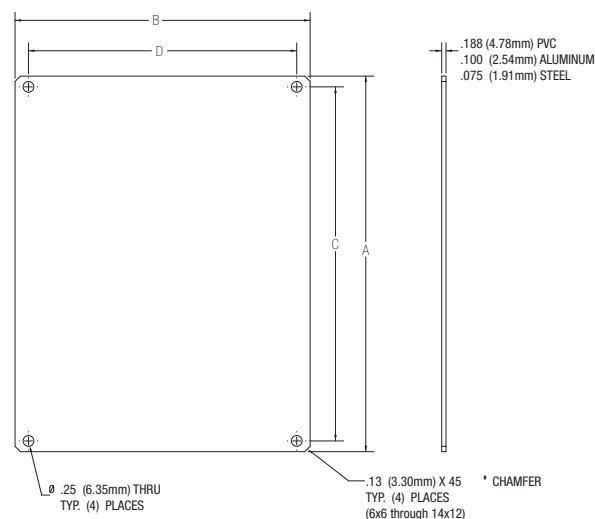
All dimensions are in inches unless otherwise noted.

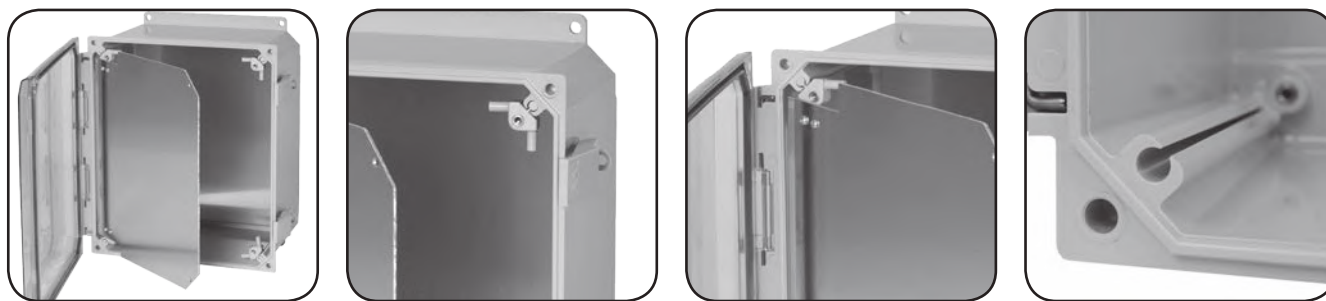# POLYLINE® Series Optional Adjustable Hinged Front Panels:

"HFPP" Aluminum Panel Systems

HFPP Kit (P/N)	Enc. Base (P/N)	A	B	C	D	E
HFPP66	AMP664	5.44	5.61	2.64	3.36	4.19
		138mm	142mm	67mm	85mm	106mm
HFPP86	AMP864	7.44	5.61	4.67	3.36	6.19
		189mm	142mm	119mm	85mm	157mm
HFPP88	AMP884	7.44	7.63	4.64	5.38	6.19
		189mm	194mm	118mm	137mm	157mm
HFPP108	AMP1084 AMP1086	9.43	7.63	6.63	5.38	8.18
		239mm	194mm	168mm	137mm	208mm
HFPP120	AMP1204 AMP1206	11.55	9.58	8.63	7.33	10.13
		293mm	243mm	219mm	186mm	257mm
HFPP142	AMP1426	13.10	11.25	1061	9.00	11.75
		333mm	286mm	269mm	229mm	298mm
HFPP164	AMP1648	14.75	12.88	12.23	12.13	13.44
		375mm	327mm	245mm	289mm	339mm
HFPP186	AMP1860	16.88	14.88	14.19	14.13	15.44
		429mm	378mm	295mm	340mm	393mm

All dimensions are in inches unless otherwise noted.

STANDARDS
ULTRAGUARD®
FIBERGLASS
AM SERIES
AM-R
AMHD-R
CONTROL
EMPIRE
ULTRALINE®
POLYLINE®
ACCESSORIES
MODS
TECHNICAL
INDEX

POLYLINE® Series Adjustable Hinged Front Panels Installed:

Pictures represent enlcosure sizes 6"x6" up through 14"x12".
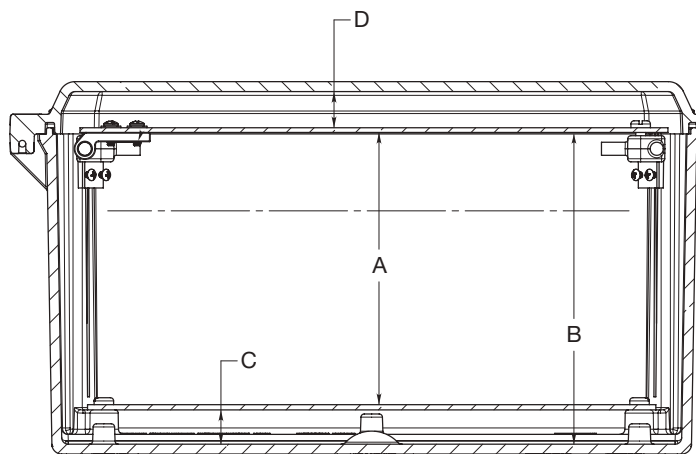
HFPP Kit (P/N)	Enclosure Used With	Optional Aluminum Back Panel	Optional Aluminum Back Panel	Optional Steel Back Panel	Optional Steel Back Panel	Without Optional Back Panel	Without Optional Back Panel	C=BOTTOM to Panel Mount Bosses	D=Hinged Front Panel to Inside Cover	D=Hinged Front Panel to Inside Cover
	(Base P/N)	A (MAX.)	A (MIN.)	A (MAX.)	A (MIN.)	B (MAX.)	B (MIN.)		(MIN.)	(MAX.)
HFPP66	AMP664	3.21	1.71	3.24	1.74	3.96	2.47	.66	.76	2.26
		82mm	43mm	82mm	44mm	101mm	63mm	17mm	19mm	57mm
HFPP86	AMP864	3.22	1.72	3.25	1.75	3.96	2.46	.66	.76	2.26
		82mm	44mm	83mm	44mm	101mm	62mm	17mm	19mm	57mm
HFPP88	AMP884	3.21	1.71	3.24	1.74	3.96	2.46	.66	.76	2.26
		82mm	43mm	82mm	44mm	101mm	62mm	17mm	19mm	57mm
HFPP108	AMP1082	1.81	.31	1.84	.34	2.56	1.06	.66	.76	2.26
		46mm	8mm	47mm	9mm	65mm	27mm	17mm	19mm	57mm
HFPP108 HFPP120	AMP1084 AMP1204	3.21	1.71	3.24	1.74	3.96	2.46	.66	.76	2.26
		82mm	43mm	82mm	44mm	101mm	62mm	17mm	19mm	57mm
HFPP108 HFPP120	AMP1086 AMP1206	5.21	3.71	5.24	3.74	5.96	4.47	.66	.76	2.38
		132mm	94mm	133mm	95mm	151mm	114mm	17mm	19mm	60mm
HFPP142	AMP1426	5.21	3.71	5.24	3.74	5.96	4.47	.66	.76	2.19
		132mm	94mm	133mm	95mm	151mm	114mm	17mm	19mm	56mm
HFPP164	AMP1648	6.95	1.25	6.98	1.28	7.72	2.02	.66	1.19	6.89
		177mm	32mm	177mm	33mm	196mm	51mm	17mm	30mm	175mm
HFPP186	AMP1860	8.95	1.25	8.98	1.28	9.72	2.02	.66	1.19	8.89
		227mm	32mm	228mm	33mm	247mm	51mm	17mm	30mm	226mm

All dimensions are in inches unless otherwise noted

Data subject to change without notice

RoHS COMPLIANT

Inspection Windows
INSPECTION WINDOW KIT

Allied Moulded's new inspection window kits are designed to provide visibility and easy viewing access to equipment and components installed in an enclosure, while maintaining ratings up through NEMA Type 4X. The window kit features a strong and rigid design, securely mounting to the outside of most enclosure designs. The window kit is available in three convenient sizes to allow for sufficient viewing space in any required application.

BASE P/N AMHMI

Application

Ideal for providing a convenient viewable area not accessible to equipment and components installed inside an enclosure

- Especially well suited for high temperature or corrosive environments
- Includes mounting hole pattern for easy window installation
- Protects from UV, dirt, dust, oil, and water

Standards

- Recognized component for use with enclosures rated NEMA Types 1, 3, 3R, 4, 4X, 12 or 13

Construction

- Clear polycarbonate thermoplastic
- UV stabilized for outdoor use
- Formed-In-Place (FIP) polyurethane gasket encased in continuous channel
- Designed for use with wall thicknesses from 16 gauge through 1/4"
- #10-32 threaded brass inserts with plated steel mounting fasteners
- Convenient sizes for easy viewing access to a variety of enclosure applications
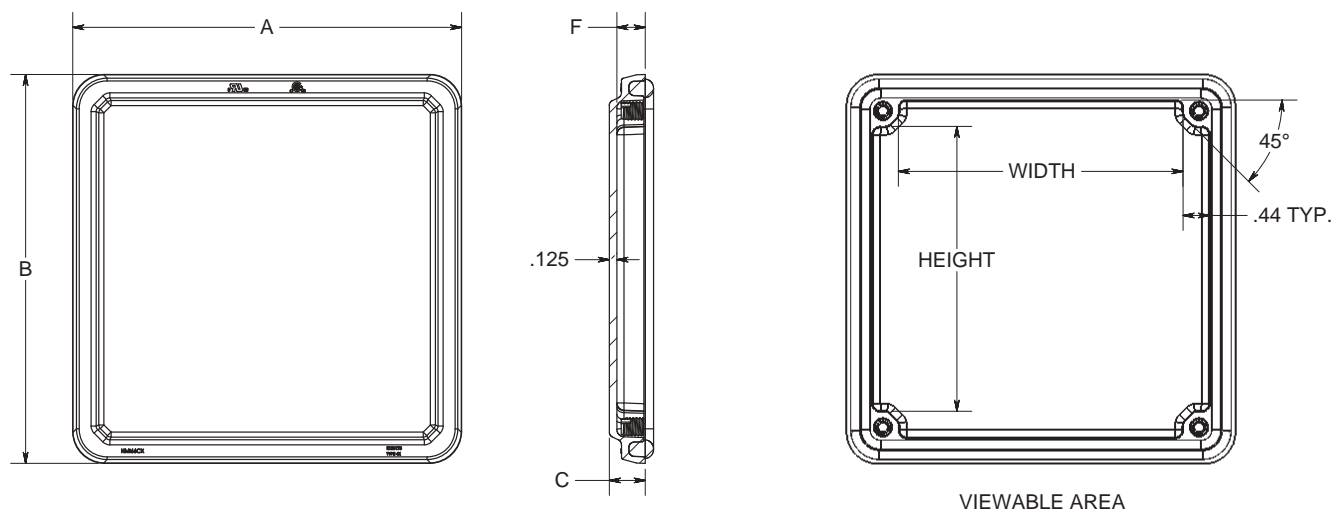
Formed-In-Place (FIP) Gasket   **Aesthetically Pleasing Design**   **Threaded Brass Inserts**

For a full description of features and benefits, visit our website at www.AlliedMoulded.com

STANDARDS

ULTRAGUARD®

FIBERGLASS

AM SERIES

AM-R

AMHD-R

CONTROL

EMPIRE

ULTRALINE®

POLYLINE®

ACCESSORIES

MODS

TECHNICAL

INDEX

WIDTH

HEIGHT

45°

.44 TYP.

.125

VIEWABLE AREA

Note: For use on flat surfaces of NEMA Types 1, 3, 3R, 4, 4X, 12 or 13 enclosures

Part No.	Frame Size Inside Dimensions			Usable Depth	Max Viewing Area		Nom. Wall Thickness
	A	B	C	F	Width	Height	
AMHMI66CX	6.5	6.5	0.6	0.47	5.64	5.64	0.125
	165mm	165mm	15mm	12mm	143mm	143mm	3mm
AMHMI95CX	7.25	10	0.6	0.47	5.55	9.14	0.125
	184mm	254mm	15mm	12mm	141mm	232mm	3mm
AMHMI138CX	9.7	14.7	0.6	0.47	8	13	0.125
	246mm	373mm	15mm	12mm	203mm	330mm	3mm

All dimensions are in inches unless otherwise noted

RoHS COMPLIANT

c UL us LISTED ENCLOSURE ACCESSORY E487574

CSA C us

CE

HMI Cover Kits
HUMAN MACHINE INTERFACE

Allied Moulded's new HMI cover kits are designed to provide protection for instruments or electronics requiring routine attention or detail. The cover kit features a strong and rigid design, mounting securely to the outside of any enclosure option, and makes accessibility to electronic components easy!

HMI cover kits are UL® recognized and maintain a NEMA 4X seal with the use of our Formed-In-Place (FIP) polyurethane gasket system, and is well suited for outdoor applications. Multiple cover latching options are also available, including a hinge screw, tamper proof screw, and snap latch model. All are available in solid opaque or polycarbonate thermoplastic clear covers.

BASE P/N AMHMI

Application

Ideal for covering and protecting instruments or electronics through an enclosure wall, while maintaining all applicable standards and classifications

- No need to open the enclosure to view electronics or perform maintenance, decreasing arc flash risks and safety hazards
- Includes mounting hole pattern for easy cover kit installation
- Protects from UV, dirt, dust, oil, and water

Standards

- Recognized component for use with enclosures rated NEMA Types 1, 3, 3R, 4, 4X, 12 or 13
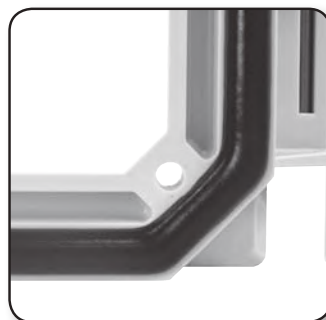
Construction

- Clear polycarbonate thermoplastic, or polycarbonate for opaque covers
- 316 stainless steel external cover latching hardware and hinge pin
- 316 stainless steel snap latches feature padlock hasp (.354" dia.)
- UV stabilized for outdoor use
- Formed-In-Place (FIP) polyurethane gasket in continuous channel
- Designed for use with wall thicknesses from 16 gauge through 1/4"
- #10-32 threaded brass inserts with plated steel mounting fasteners

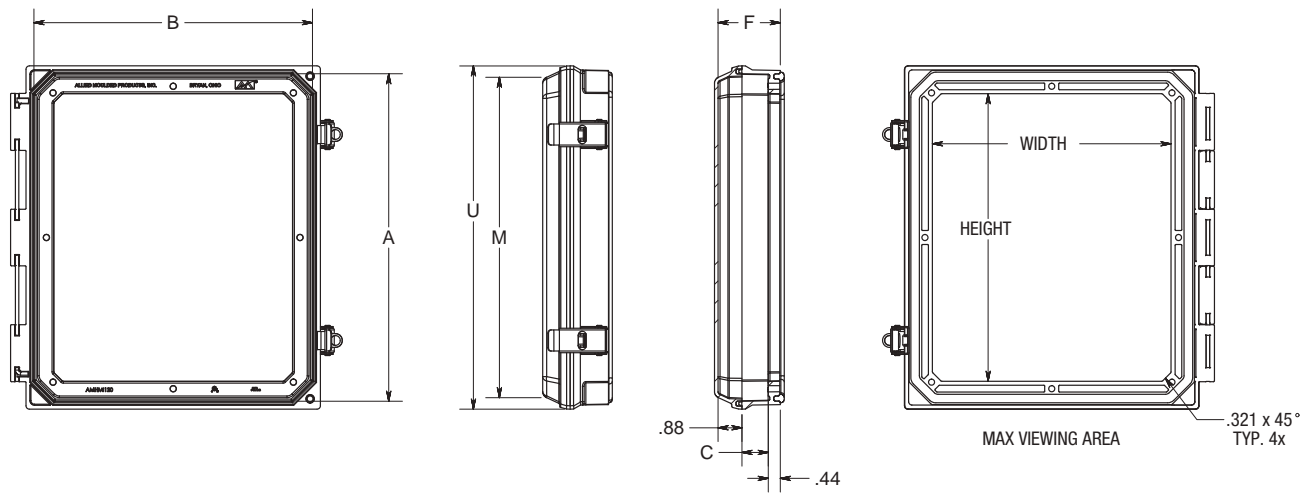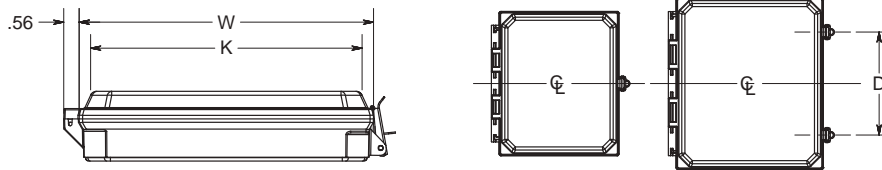**Cover Latching Options**   **Secure Hinge Pin**   **Formed-In-Place (FIP) Gasket**   **Prop Arm Accessory**

For a full description of features and benefits, visit our website at www.AlliedMoulded.com

LATCH LOCATIONS

FOR USE ON
8X8
10X8

FOR USE ON
12x10 D=7.5 (191mm)
14x12 D=8.00 (203mm)
16x14 D=9.00 (229mm)
20x16 D=16.81 (427mm)

Note: For use on flat smooth surfaces of NEMA
Types 1, 3, 3R, 4, 4X, 12 or 13 enclosures

Part No. Configuration Options	
Part No. Suffix	Description
CCH	Clear Cover Hinge / 2 Screws
CCHTP	Clear Cover Hinge Tamper Proof Screw
CCL	Clear Cover Hinge Snap Latch
H	Opaque Cover Hinge / 2 Screws
HTP	Opaque Cover Hinge Tamper Proof Screw
L	Opaque Cover Hinge Snap Latch

Prop Arm Size Configuration	
HMI Size	Part No.
8"x8"	AMHMIPROP88
10"x8"	AMHMIPROP108
12"x10"	AMHMIPROP120
14"x12"	AMHMIPROP142
16"x14"	AMHMIPROP164
20"x16"	AMHMIPROP206

Base Part No.	Frame Size Inside Dimensions			Usable Depth	Cover Size				Max Viewing Area		Nom. Wall Thickness
	A	B	C	F	K	M	W	U	Width	Height	
AMHMI88	7.93	8.15	0.96	2.27	7.75	7.53	8.72	8.5	6.69	6.47	0.14
	201mm	207mm	24mm	58mm	197mm	191mm	221mm	216mm	170mm	164mm	4mm
AMHMI108	9.93	8.15	0.96	2.27	7.89	9.67	8.72	10.5	6.69	8.47	0.14
	252mm	207mm	24mm	58mm	200mm	246mm	221mm	267mm	170mm	215mm	4mm
AMHMI120	11.93	10.15	0.96	2.27	9.89	11.67	10.72	12.5	8.69	10.47	0.14
	303mm	258mm	24mm	58mm	251mm	296mm	272mm	318mm	221mm	266mm	4mm
AMHMI142	13.95	12.07	0.96	2.2	11.89	13.67	12.72	14.5	10.71	12.49	0.19
	354mm	307mm	24mm	56mm	302mm	347mm	323mm	368mm	272mm	317mm	5mm
AMHMI164	15.87	14.07	0.96	2.2	13.89	14.72	14.72	16.5	12.71	14.49	0.19
	403mm	357mm	24mm	56mm	353mm	374mm	374mm	419mm	323mm	368mm	5mm
★ AMHMI206	19.85	16.07	0.96	2.27	15.75	19.53	16.72	20.5	14.71	18.49	0.19
	504mm	408mm	24mm	58mm	400mm	496mm	425mm	521mm	374mm	470mm	5mm

All dimensions are in inches unless otherwise noted   Data subject to change without notice
Base part number listed only. To complete part number, refer to the "Part # Suffix" chart above
Add the "Part No. Suffix" to the base part number to create a complete
HMI cover kit (ex. AMHMI120CCL is a 12" x 10" with a clear cover and latch)
Refer to website for complete mounting hole pattern configuration
★Coming soon!

RoHS COMPLIANT

c(UL)us LISTED
ENCLOSURE ACCESSORY
E487574

CSA   C CE

ULTRAPLUG®

Hole Plug Assemblies
ULTRAPLUG® HOLE PLUGS

- Plug "Fins": self centering, anti-rotational design for fast & easy one person plug assembly and no-tools tightening
- Plug fits wide range of hole sizes without the use of restrictive hole centering spacers
- Patented design: US Patent No. 9,045,932
- Recognized component for use with UL & CSA listed enclosure products
- Molded material of construction for a wide range of chemical compatible applications (polycarbonate with neoprene/EPDM gasket)
- Assembly designed to maintain applicable NEMA/UL/CSA enclosure ratings
  Note: For use on flat surfaces of a Type 1, 3R, 4, 4X or 12 enclosure
- Designed for use with wall thicknesses from 16 gauge through 1/4"
- Designed for use with all metallic and nonmetallic enclosure materials
- Low profile interior nut and exterior plug saves valuable panel space
- Capable of sealing unused holes ranging in size from 1/2" to 4-3/4"

Simple Install
1) Push/Plug
2) Twist-lock/Fins
3) Screw-tight/Nut
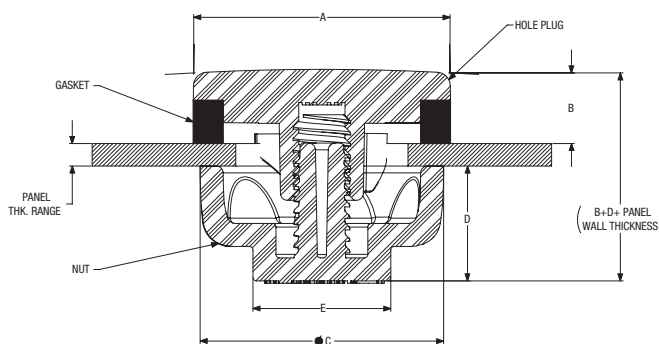
Note: For use on flat surface of NEMA Types 1, 3R, 4, 4X and 12 enclosures.

ENCLOSURE ACCESSORY
E487574

P/N General Purpose Polycarbonate RAL 7035 Light Gray	P/N General Purpose Polycarbonate ANSI 61 Dark Gray	Trade Size Ref. (nom. In.)	Plugged Hole Dia. Range (In.)	Wall Thickness Range (In.)	A Plug Diameter (In.)	B Plug Head Height (In.)	C Nut Diameter (In.)	D Nut Height (In.)	E Across Flats (In.)
AMHSPL-S	AMHSPL-SGY	Pilot Light (.500)	.500-.624	.059-.250	1.120	0.235	1.060	0.500	0.545
AMHSPL	AMHSPL-GY	Pilot Light (.625)	.625-.812	.059-.250	1.120	0.235	1.060	0.500	0.545
AMHS050	AMHS050-GY	1/2" Conduit (.875) 22mm PB (.886)	.812-.937	.059-.250	1.245	0.235	1.185	0.500	0.605
AMHS075	AMHS075-GY	3/4" Conduit (1.109) 30mm PB (1.210)	1.000-1.312	.059-.250	1.620	0.235	1.560	0.500	0.945
AMHS100	AMHS100-GY	1" Conduit (1.375)	1.375-1.625	.059-.250	1.923	0.235	1.873	0.500	0.945
AMHS125	AMHS125-GY	1-1/4" Conduit (1.734)	1.687-1.875	.059-.250	2.183	0.235	2.123	0.500	1.195
AMHS150	AMHS150-GY	1-1/2" Conduit (1.984)	2.000-2.187	.059-.250	2.495	0.235	2.435	0.500	1.195
AMHS200	AMHS200-GY	2" Conduit (2.469)	2.500-2.75	.059-.250	3.120	0.235	3.060	0.750	1.291
AMHS250	AMHS250-GY	2-1/2" Conduit (2.969)	2.875-3.125	.059-.250	3.495	0.235	3.435	0.750	1.491
AMHS300	AMHS300-GY	3" Conduit (3.594)	3.500-3.750	.059-.250	4.120	0.235	4.060	0.750	1.491
AMHS350	AMHS350-GY	3-1/2" Conduit (4.125)	4.000-4.250	.059-.250	4.620	0.235	4.560	0.750	1.491
AMHS400	AMHS400-GY	4" Conduit (4.641)	4.500-4.750	.059-.250	5.120	0.235	5.060	0.750	1.491

Polycarbonate (PC) can be used as a substitute for carbon steel plug applications plus many stainless steel and other nonmetallic plug applications. Please check industry standard corrosion guides for additional application assistance.

Pole Mount Kits
ENCLOSURE POLE MOUNT

Allied Moulded's Pole Mount Kit offers the ability to mount enclosures including sizes 6" x 6" x 4" through 60" x 36" x 16" to any wood, plastic, or steel pole securely without excessive materials and labor.

Manufactured with the electrical contractor in mind, Allied Moulded's Pole Mount Kit provides an easy solution for all enclosures. Not only is it designed for round poles, but the pole mount kits have the capability to mount enclosures to square and rectangular pole shapes as well.

Application

- Nine sizes covering AM JIC, AMU JIC, AMP, and Control Series enclosures
- Steel band design allows for adjustable mounting capability on pole sizes up through 15 inches in diameter
- Allied Moulded pole mount kits have the capability to mount enclosures to round, square, and rectangular pole shapes
- Fewer parts are used so minimal assembly is required for installation
- Pole mount kits offer corrosion protection for outdoor use

Construction

- Pole mount flange: galvannealed steel; 14 gauge (.075")
- Pole mount band clamps: 316 stainless steel (48")
- Flange fasteners (screws, washers, and lock nuts): 316 stainless steel (#10-32)

|	ENCLOSURE POLE MOUNT KITS ARE USED WITH		
Kit Number	**AM Series Units[1]**		**AMU & AMP Flange Mount Units[2]**
	Standard Mount	**Rotated 90 Degrees**	**Standard Mount**
AMPOLEMNT6	AM664, AM864	None	AMU(P)664, AMU(P)864
AMPOLEMNT8	AM1084, AM1086	AM864	AMP884, AMP1082, AMU(P)1084, AMU(P)1086
AMPOLEMNT10	AM1206	AM1084, AM1086	AMP1204, AMU(P)1206
AMPOLEMNT12	AM1224, AM1226, AM1426	AM1206	AMU(P)1426
AMPOLEMNT14	AM1648	AM1224, AM1226, AM1426	AMU1648
AMPOLEMNT16	AM1868, AM2068	AM1648	AMU1860, AMHD1860, AMU2060
AMPOLEMNT20	AM2420	None	None
AMPOLEMNT24	AM2424, AM3024	AM2420	None
AMPOLEMNTEMP	AMEC363012, AM363016, AM363612, AM363616, AM483612, AM483616, AM603612, AM603616		

[1] Pole mount brackets are directly mounted to the back of the these enclosures.
[2] Enclosure flange is bolted through and attached to the pole mount bracket on these enclosures.

Enclosure Keylock Kits

## PART NO.: AMKEYLOCKFC, AMKEYLOCKRC, and AMKEYLOCKRCHFP

- AMKEYLOCKFC keylock assembly kit for (F)flat (C)cover enclosures 6x6 through 20x16 (AM Series)
- AMKEYLOCLKRC keylock assembly kit for (R)raised (C)cover enclosures 6x6 through 30x24 (AM-R Series)
- AMKEYLOCKRCHFP keylock assembly kit for (R)raised (C)cover enclosures with a (H)hinge (F)front (P)panel installed in enclosures 10x8 through 30x24 (AM-R Series)
- Kits include: Two keys, keylock assembly, cam, dust cover, lock bracket, and hardware
- Field installable while requiring only a round hole to be cut into the cover
- Keylocks are sold with a self locking nut for tight and secure assembly
- Just a 1/4 turn rotation is required to lock the enclosure cover
- Installed keylock assemblies have been tested and pass the NEMA 4X watertight test
- Manufactured components are RoHS compliant (Restriction of Hazardous Substances)
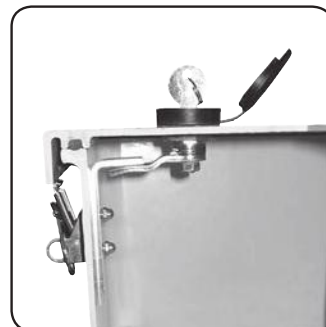
Pull Type Handle

PART NO.: AMHDL001

- Handle: Glass fiber reinforced nylon
- Finish: Black matte
- Screws and lock washers included
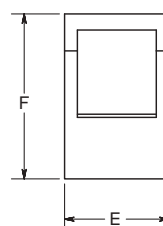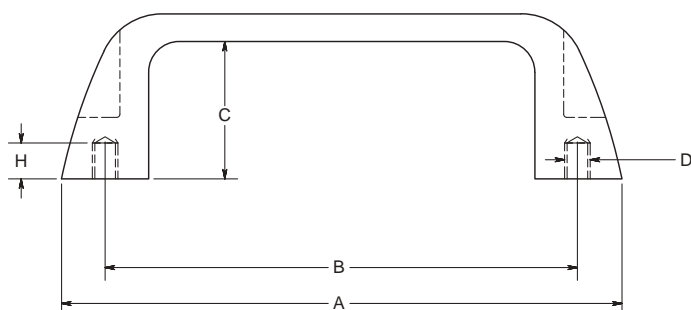
Part No.	A	B	C	D	E	F	H
AMHDL001	5.47	4.61	1.34	1/4 - 20	1.02	1.61	0.35
	139mm	117mm	34mm	---	26mm	41mm	9mm

Enclosure Print Pocket

PART NO.: AMPRINTPOCKET

- Easy to install in the field
- Store prints or other important documents inside the enclosure
- Gray polystyrene print pocket for large JIC Series, Control Series, and Empire Series enclosures
- Two-sided adhesive tape pre-applied to print pocket
- Size: 9.375 in (H) x 10.375 in (W) x 1.045 in (D)
       238 mm (H) x 264 mm (W) x 27 mm (D)

Enclosure Ventilation Kit

PART NO.: AMVENTSM, AMVENTLG & AMVENT4XLG

- Gray polyamide material (4X vent kit made from polycarbonate)
- Use with JIC Series enclosures - install two per enclosure
- Installation instruction sheet included
- Seal included in kit to ensure raintight enclosure protection (4X - FIP gasket)
- Two vents per kit for field installation allows for sufficient air circulation and prevents condensation and moisture
- 4X vent kit maintains enclosures NEMA 4X rating with the use of innovative vent baffles, allowing air flow while reducing condensation and heat within the enclosure

Overall Dimensions:
AMVENTSM; 1 in (25 mm) x 1.125 in (29 mm) and requires .75 in (19mm) through hole
AMVENTLG; 2 in (51 mm) x 2.675 in (68 mm) and requires 1.156 in (29 mm) through hole
AMVENT4XLG; 4 in (106mm) x 3 in (75mm) and requires 1 in (25mm) through hole

c (UL) us
LISTED
ENCLOSURE ACCESSORY
E487574

c CSA us

Enclosure Filter Kit

PART NO.: AMPFA1000, AMPFA2000, and AMPFA3000

- Three sizes covering large JIC Series, Control Series, and Empire Series enclosures
- Nonmetallic made from strong ABS-FR, self-extinguishing material (UL 94 VO)
- Snap-in design allows for hardware-free installation
- Gaskets included provide a NEMA 12 seal against the enclosure
- Filter cover comes standard in light gray RAL 7035 color
- Installation instruction sheet included
- Replaceable filter material provides for 73% filtration efficiency
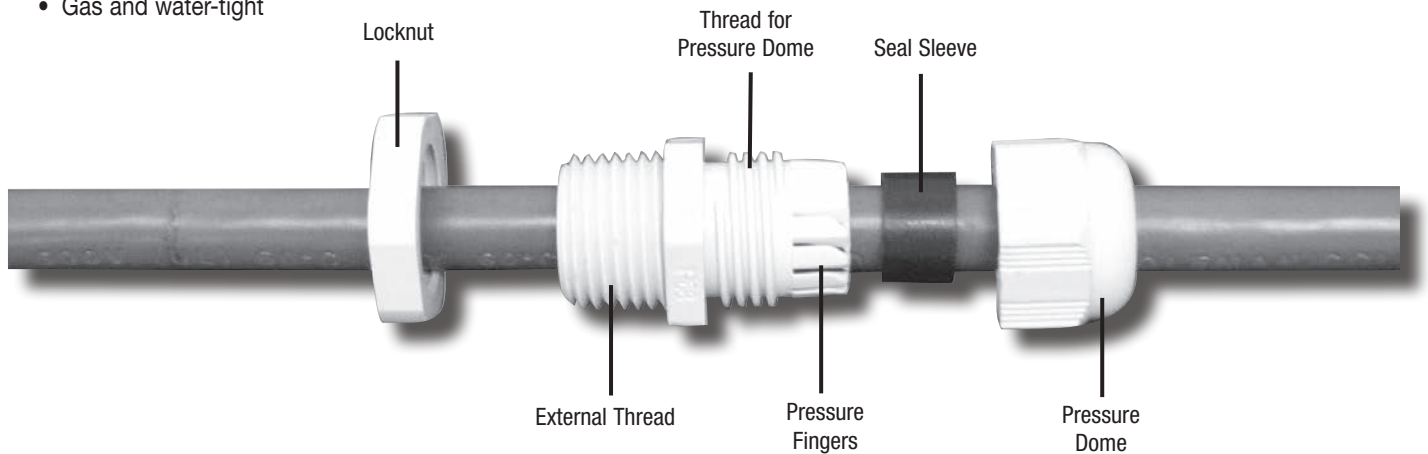- Filter density is standard 150 (g/m2)

Size Information:
- AMPFA1000; 4.133 in (105mm) x 4.133 in (105mm) x 0.39 in (10mm)
- AMPFA2000; 5.905 in (150mm) x 5.905 in (150mm) x 1.06 in (27mm)
- AMPFA3000; 9.842 in (250mm) x 9.842 in (250mm) x 1.18 in (30mm)

Note: There are other thermal management accessories available upon request. These include: Fans, replacement filters, heaters, air-conditioners, and thermostats. Please contact factory for more information.
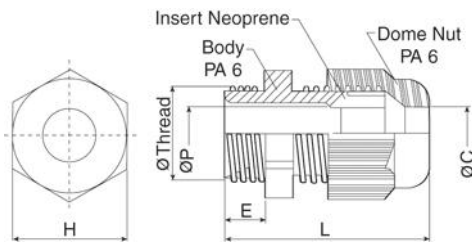
RoHS COMPLIANT   CE

Cord Grips

- Body: Polyamide 6
- Seal: Neoprene
- Lock Nut: 25% glass fiber reinforced Polyamide 6
- Color: Light Gray
- Maximum strain relief through clamping range
- IP68 achieved without seal rings
- Trapezoidal thread with high torque guarantees tight and permanent fit of the dome nut
- Gas and water-tight

- CSA approved and UL listed
- Temp range: PA 6 -40°C to 100°C (-40°F to 212°F)
  Neoprene -25°C to 100°C (-13 to 212°F)
- Recommended enclosure hole size for external thread:
  <u>NPT 1/2"</u> 21.8mm (.8594 in); <u>NPT 3/4"</u> 27.4mm (1.0781 in);
 <u>NPT 1"</u> 34.1mm (1.3438 in)

Locknut · Thread for Pressure Dome · Seal Sleeve

External Thread · Pressure Fingers · Pressure Dome

Cord Grip Dimensions

Insert Neoprene · Body PA 6 · Dome Nut PA 6

Ø Thread · Ø P · Ø C · E · L · H

Cord Grip Installed

Thread Size	Part Number	Clamping Range (mm)	Package Quantity	H (mm)	E (mm)	L (mm)	Dia. C (mm)	Dia. P (mm)	Dia. NPT/M (mm)
NPT ½"	5308901	5 to 12	50	24	14	44	12.5	12.5	21.2
NPT ¾"	5308902	9 to 18	50	33	15	54	18.5	18.5	26.7
NPT 1"	5308903	14 to 25	50	42	18	60	25.5	25.5	33.3

LOCK NUT DIMENSIONS				
Thread Size	Part Number	Package Quantity	Thickness E (mm)	SW (mm)
NPT ½"	7211486-50	50	6	27
NPT ¾"	7211487	20	7	36
NPT 1"	7211488	20	7	41

SW · E
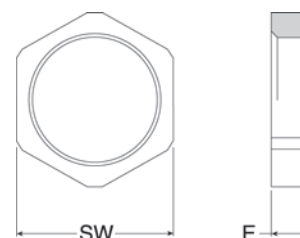
ACCESSORY KITS

LATCH HARDWARE KITS

- Used with AM, AM-R, AMP, and AMU Series enclosures, and HMI cover kits
- Feature a multitude of snap and twist latch mechanisms
- Available for both flat and raised cover enclosures
- Nonmetallic latches match standard RAL 7035 color

LLRS-H

LLPN-H

LLKR-H316

LTPS-H

Size Range	Used With	Kit Description	Part #
6x6 thru 20x16	AM Series	316 stainless steel snap latch with keeper and hardware kit (rivot)	LLK-H316
6x6 thru 20x16	AM Series	316 stainless steel twist latch with keeper and hardware kit (rivot)	LTK-H316
6x6 thru 30x24	AM-R Series	316 stainless steel snap latch kit for raised cover (rivot, screw)	LLKR-H316
6x6 thru 30x24	AM-R Series	316 twist latch for raised cover with keeper and hardware kit (rivot, screw)	LTKR-H316
10x8x2	AMP Series	316 stainless steel reverse snap latch kit (slip-on)	LLRS-H
8x8 thru 20x16	HMI Series	316 stainless steel reverse snap latch kit (slip-on)	LLRS-H
6x6 thru 20x16	AMP / AMU Series	Polycarbonate snap latch kit (slip-on)	LLPN-H
6x6 thru 20x16	AMP / AMU Series	316 stainless steel snap latch kit (slip-on)	LLPS-H
6x6 thru 20x16	AMP / AMU Series	316 stainless steel twist latch kit (slip-on)	LTPS-H

MOUNTING FOOT / BRACKET KITS

- Used with small junction boxes, AM, AM-R, Control Series, AMU, and AMP series enclosures
- 4 screws and 4 feet per pack
- Nonmetallic feet match standard RAL 7035 color

AM4-NUFS

AM4-NLFS

Size Range	Used With	Kit Description	Part #
AM743 and AM943	AM743 and AM943	316 stainless steel foot kit with 4 screws, 4 washers, and 4 screws	AM4-PFSN
6x6 thru 20x16	AM / AM-R	316 stainless steel foot kit with 4 screws and 4 feet	AM4-NFS
24x20 thru 30x24	Control Series	316 stainless steel foot kit with 4 screws and 4 feet	AM4-NLFS
6x6 thru 14x12	AMU / AMP	Polycarbonate foot kit with 4 screws and 4 feet	AM4-NUFS
16x14 thru 20x10	AMU / AMP	Polycarbonate foot kit with 4 screws and 4 feet	AM4-NULFS
42"	Control XL	Fiberglass (FRP) foot kit with 4 screws and 4 feet	AM4-NXLFS

PANEL SCREW KITS / NONMETALLIC HINGE CLIPS

- Used with all enclosure options featuring back panel options
- Four (4) plated carbon steel screws with universal panheads
- POLYLINE® nonmetallic hinge clips available in 2-pack, and are field installable

AM4-NPS

AMPHINGECLIP

Size Range	Used With	Kit Description	Part #
6x6 thru 20x16	JIC	Plated carbon steel back panel screw kit (#10-32)	AM4-NPS
24x20 thru 30x24	Control	Plated carbon steel back panel 4 screw kit (3/8-16)	AM4-NLPS
24x20 thru 30x24	Control	Plated carbon steel back panel 6 screw kit (3/8-16)	AM6-NLPS
16" thru 18"	Polyline®	Polycarbonate hinge clip kit (2 pack)	AMPHINGECLIP