



POLYLINE® SERIES

POLYCARBONATE

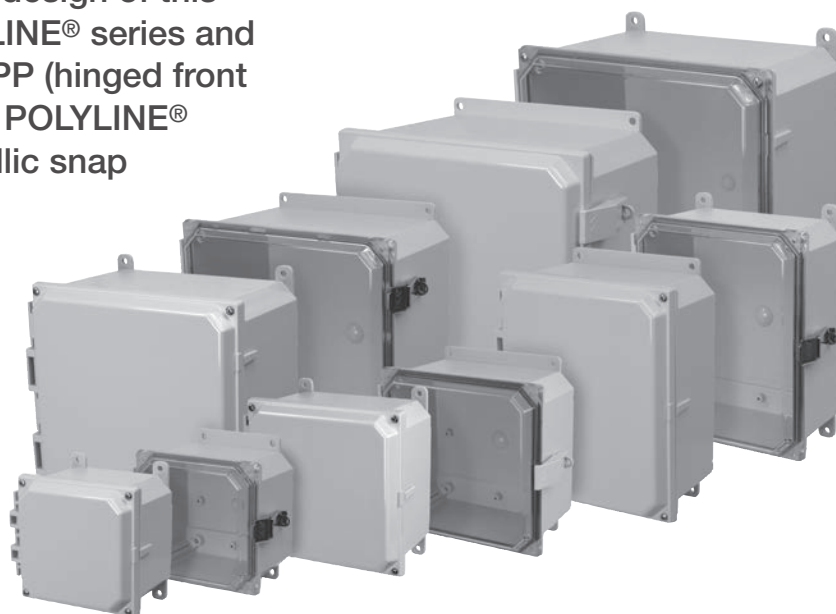


U.S. Pat. No. 7,572,975

The AMP polycarbonate series was developed primarily for general purpose industrial applications as an alternative to steel enclosures. The design of this product group is similar to the ULTRALINE® series and includes a provision for adjustable HFPP (hinged front panel POLYLINE®) position. Additional POLYLINE® options include clear covers, nonmetallic snap latches, and patented multi-mounting capabilities. Available sizes include 6" x 6" x 4" (152mm x 152mm x 102mm) up through 18" x 16" x 10" (457mm x 406mm x 254mm).



Scan to learn more





AMP Series Features & Benefits

- Engineering grade thermoplastic-injection molded polycarbonate
- Cover to base design - flush, aesthetically pleasing and more modern architecture
- Patented (US Pat. No. 7,572,975) multi-mounting capability
 - Out-of-the-box polycarbonate flange design (factory installed)
 - Optional polycarbonate foot mount brackets for multi-directional mounting (vertical or horizontal positioning)
 - 316 stainless steel foot/flange mounting screws
- Solid opaque or clear polycarbonate cover options
- Partial molded hinges, providing a secure cover-to-base closure with no wall penetrations
- Formed-In-Place (FIP) polyurethane gasket system
- Mounting panel inserts for optional back panel
- UV stabilized for outdoor use

AMP Series Specifications

- Non-corrosive
- Non-conductive
- Standard RAL 7035 light gray color
- Temperature-resistant
- Fire-resistant
- Rated NEMA 1, 2, 3, 3R, 4, 4X, 12 and 13
- UL® listed
- CSA certified
- Compliant with RoHS directive

Accessories

- Back panels available in painted carbon steel, or aluminum
- Optional hinged front panels
- ULTRAPLUG® hole plugs
- Pole mount kits
- HMI cover kits
- Inspection windows

Modifications

We are pleased to modify any of our standard products to fit your needs with:

- Custom holes and cutouts
- EMI/RFI shielding
- Factory-supplied silk screening

For complete details on factory modifications including a modification request form, see pages 142-144.

www.alliedmoulded.com

AMP Series

JIC SIZE JUNCTION BOXES

Cover Type

Solid/Opaque

Closure Type

Lift-Off Screw Cover



Application

Designed to insulate and protect controls and components in both indoor and outdoor applications often found in industrial control panels, pump controls/waste water treatment, irrigation/water control, solar/wind, and chemical plants

- Light weight, impact resistant and good corrosion resistance for many industrial enclosure applications and a great alternative to metallic enclosures
- Protects from dirt, dust, and water

Standards

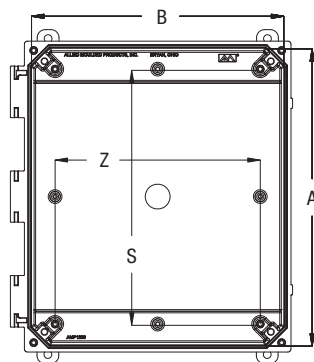
- UL 50 and UL 50E Types 1, 2, 3, 3R, 4, 4X, (6P for sizes 6"x6" up through 14"x12"), 12 and 13
- CSA C22.2 No. 94 Types 1, 2, 3, 3R, 4, 4X, (6P for sizes 6"x6" up through 14"x12"), 12 and 13
- Complies with:
 - NEMA Types 1, 2, 3, 3R, 4, 4X, (6P for sizes 6"x6" up through 14"x12"), 12 and 13
 - IEC 60529 Type IP68 submersible up to 24 hours at a depth of 6 feet (1.8 meters)
 - RoHS directive

Construction

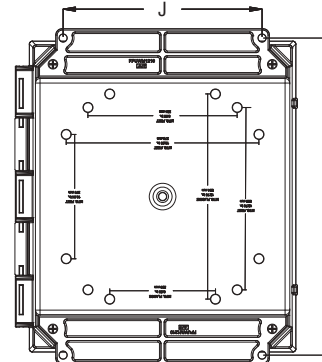
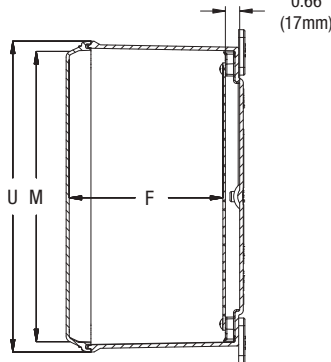
- Injection molded polycarbonate thermoplastic construction with flush, solid/opaque cover
- Opaque cover, base, feet, flanges — Light gray color (RAL 7035)
Note: foot models mounting hardware supplied in a bag. Flanged models are pre-assembled
- 316 stainless steel captive cover screws
- Formed-In-Place (FIP) polyurethane gasket system encased in continuous channel
- 316 stainless steel foot/flange mounting hardware
- Polycarbonate hinge clips (16" & 18" sizes)
- Molded-in hinge bosses removed for 6"x6", 8"x6", and 8"x8" enclosure sizes
- #10-32 threaded brass inserts are installed for back panel mounting

Accessories & Modifications

- Optional back panels and hinged front panels
- Custom holes and cutouts
- Optional foot/flange mounting hardware
- DIN rail mounting available with molded-in bosses using #10 sheet metal screws
- Factory-supplied silk screening

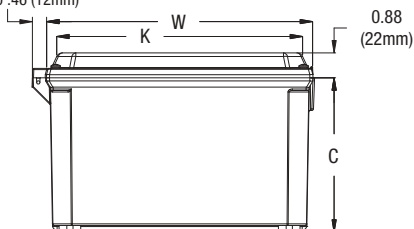


NOTE: COVER REMOVED FOR CLARITY

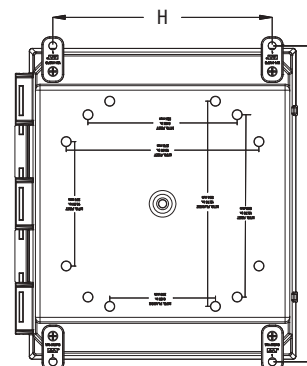


FLANGE MOUNT

6 x 6 x 4 - 14 x 12 x 6 0.56 (14mm)
16 x 14 x 8 .36 (9mm)
18 x 16 x 10 .46 (12mm)



*Nom. Wall Thickness: .14 (4mm)
14" thru 18" sizes: .19 (5mm)



FOOT MOUNT

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
AMP664 AMP664F	6.03	6.26	4.08	4.06	4.25	4.25	4.81	4.81		PL66 PLA66	4.00	6.88, 6.75	4.91	6.75	5.67	5.45	6.72	6.50
	153mm	159mm	104mm	103mm	108mm	108mm	122mm	122mm			102mm	175, 171mm	125mm	171mm	144mm	139mm	171mm	165mm
AMP864 AMP864F	7.94	6.16	4.08	4.06	6.25	4.25	6.75	4.88		PL86 PLA86	4.00	8.88, 8.75	4.91	8.75	5.67	7.45	6.72	8.50
	202mm	156mm	104mm	103mm	159mm	108mm	171mm	124mm			102mm	226, 222mm	125mm	222mm	144mm	189mm	171mm	216mm
AMP884 AMP884F	7.94	8.16	4.08	4.06	6.25	6.25	6.75	6.88		PL88 PLA88	6.00	8.75	6.91	8.75	7.67	7.45	8.72	8.50
	202mm	207mm	104mm	103mm	159mm	159mm	171mm	175mm			152mm	222mm	175mm	222mm	195mm	189mm	221mm	216mm
AMP1082 AMP1082F	9.93	8.15	2.70	2.68	8.25	6.25	8.75	6.88		PL108 PLA108	6.00	10.75	6.91	10.75	7.75	9.67	8.72	10.50
	252mm	207mm	69mm	68mm	210mm	159mm	222mm	175mm			152mm	273mm	175mm	273mm	197mm	246mm	221mm	267mm
AMP1084 AMP1084F	9.93	8.15	4.08	4.06	8.25	6.25	8.75	6.88		PL108 PLA108	6.00	10.75	6.91	10.75	7.75	9.67	8.72	10.50
	252mm	207mm	104mm	103mm	210mm	159mm	222mm	175mm			152mm	273mm	175mm	273mm	197mm	246mm	221mm	267mm
AMP1086 AMP1086F	9.90	8.12	5.94	6.06	8.25	6.25	8.75	6.88		PL108 PLA108	6.00	10.75	6.91	10.75	7.75	9.67	8.72	10.50
	255mm	206mm	151mm	154mm	210mm	159mm	222mm	175mm			152mm	273mm	175mm	273mm	197mm	246mm	221mm	267mm
AMP1204 AMP1204F	11.93	10.15	4.08	4.16	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
	303mm	258mm	104mm	106mm	260mm	210mm	273mm	225mm			203mm	324mm	224mm	323mm	248mm	293mm	272mm	318mm
AMP1206 AMP1206F	11.93	10.15	6.08	6.06	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
	303mm	258mm	154mm	154mm	260mm	210mm	273mm	225mm			203mm	324mm	224mm	323mm	248mm	293mm	272mm	318mm
AMP1426 AMP1426F	13.85	12.07	6.13	5.99	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
	352mm	307mm	156mm	152mm	311mm	260mm	324mm	276mm			254mm	375, 371mm	275mm	373mm	298mm	344mm	323mm	368mm
AMP1648 AMP1648F	15.98	13.98	8.00	8.27	14.25	12.25	14.75	12.88		P164 PA164	12.00	17.75	11.47	17.91	13.56	15.74	15.04	17.23
	406mm	355mm	203mm	210mm	362mm	311mm	375mm	327mm			305mm	451mm	291mm	455mm	344mm	400mm	382mm	438mm
AMP1860 AMP1860F	18.04	16.04	10.00	10.27	16.22	14.25	16.88	14.88		P186 PA186	12.00	19.63, 19.51	13.72	19.91	15.56	17.74	17.10	19.28
	458mm	407mm	254mm	261mm	412mm	362mm	429mm	378mm			305mm	499, 496mm	349mm	506mm	395mm	451mm	434mm	490mm

All dimensions are in inches unless otherwise noted

"I" dimensions with multiple numbers indicate slotted holes

All sizes 6" x 4" up through 14" x 12" x 6" are rated 6P (IP68)

Enclosure base part numbers come standard with 4 separately bagged feet (ex. AMP664)

Part numbers with "F" signify factory installed flanges (ex. AMP664F)

Back panel specifications found on page 130

Data subject to change without notice



INDEX

AMP 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 industrial control panels, pump controls/waste water treatment, irrigation/water control, solar/wind, and chemical plants

- Light weight, impact resistant and good corrosion resistance for many industrial enclosure applications and a great alternative to metallic enclosures
- Protects from dirt, dust, and water
- Clear polycarbonate instrumentation cover, used in applications where critical electronic equipment must be visible and protected from the elements

Standards

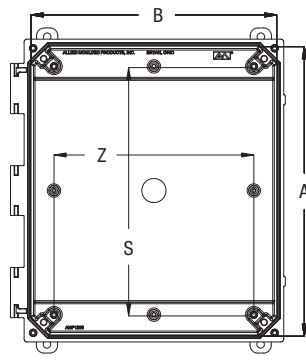
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- CSA C22.2 No. 94 Types 1, 2, 3, 3R, 4, 4X, (6P for sizes 6"x6" up through 14"x12"), 12 and 13
- Complies with:
 - NEMA Types 1, 2, 3, 3R, 4, 4X, (6P for sizes 6"x6" up through 14"x12"), 12 and 13
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Construction

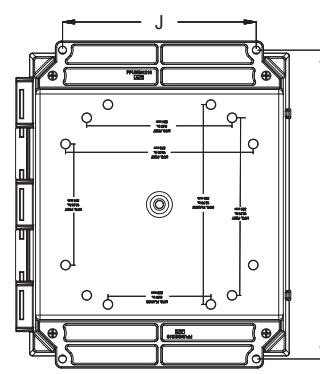
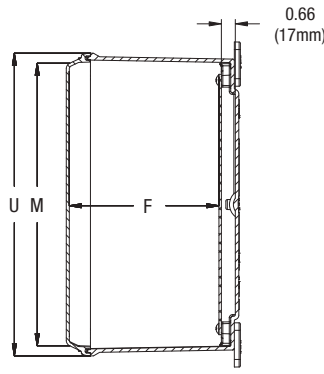
- Injection molded polycarbonate thermoplastic construction with flush, clear polycarbonate cover
- Enclosure base, feet, flanges —
Light gray color (RAL 7035)
Note: foot models mounting hardware supplied in a bag. Flanged models are pre-assembled
- 316 stainless steel captive cover screws
- Formed-In-Place (FIP) polyurethane gasket system encased in continuous channel
- 316 stainless steel foot/flange mounting hardware
- Polycarbonate hinge clips (16" & 18" sizes)
- Molded-in hinge bosses removed for 6"x6", 8"x6", and 8"x8" enclosure sizes
- #10-32 threaded brass inserts are installed for back panel mounting

Accessories & Modifications

- Optional back panels and hinged front panels
- Custom holes and cutouts
- Optional foot/flange mounting hardware
- DIN rail mounting available with molded-in bosses using #10 sheet metal screws
- Factory-supplied silk screening

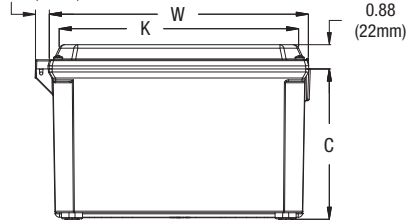


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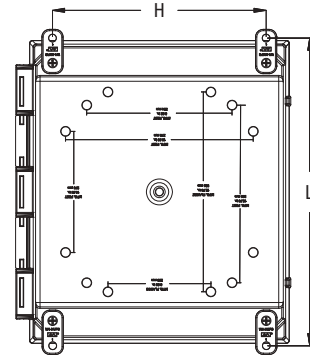


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6 x 6 x 4 - 14 x 12 x 6 0.56 (14mm)
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*Nom. Wall Thickness: .14 (4mm)
14" thru 18" sizes: .19 (5mm)



FOOT MOUNT

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
AMP664CC AMP664CCF	6.03 153mm	6.26 159mm	4.08 104mm	4.06 103mm	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	5.67 144mm	5.45 139mm	6.72 171mm	6.50 165mm
AMP864CC AMP864CCF	7.94 202mm	6.16 156mm	4.08 104mm	4.06 103mm	6.25 159mm	4.25 108mm	6.75 171mm	4.88 124mm		PL86 PLA86	4.00 102mm	8.88, 8.75 226, 222mm	4.91 125mm	8.75 222mm	5.67 144mm	7.45 189mm	6.72 171mm	8.50 216mm
AMP884CC AMP884CCF	7.94 202mm	8.16 207mm	4.08 104mm	4.06 103mm	6.25 159mm	6.25 159mm	6.75 171mm	6.88 175mm		PL88 PLA88	6.00 152mm	8.75 222mm	6.91 175mm	8.75 222mm	7.67 195mm	7.45 189mm	8.72 221mm	8.50 216mm
AMP1082CC AMP1082CCF	9.93 252mm	8.15 207mm	2.70 69mm	2.68 68mm	8.25 210mm	6.25 159mm	8.75 222mm	6.88 175mm		PL108 PLA108	6.00 152mm	10.75 273mm	6.91 175mm	10.75 273mm	7.75 197mm	9.67 246mm	8.72 221mm	10.50 267mm
AMP1084CC AMP1084CCF	9.93 252mm	8.15 207mm	4.08 104mm	4.06 103mm	8.25 210mm	6.25 159mm	8.75 222mm	6.88 175mm		PL108 PLA108	6.00 152mm	10.75 273mm	6.91 175mm	10.75 273mm	7.75 197mm	9.67 246mm	8.72 221mm	10.50 267mm
AMP1086CC AMP1086CCF	9.90 255mm	8.12 206mm	5.94 151mm	6.06 154mm	8.25 210mm	6.25 159mm	8.75 222mm	6.88 175mm		PL108 PLA108	6.00 152mm	10.75 273mm	6.91 175mm	10.75 273mm	7.75 197mm	9.67 246mm	8.72 221mm	10.50 267mm
AMP1204CC AMP1204CCF	11.93 303mm	10.15 258mm	4.08 104mm	4.16 106mm	10.25 260mm	8.25 210mm	10.75 273mm	8.88 225mm		PL120 PLA120	8.00 203mm	12.75 324mm	8.82 224mm	12.70 323mm	9.75 248mm	11.53 293mm	10.72 272mm	12.50 318mm
AMP1206CC AMP1206CCF	11.93 303mm	10.15 258mm	6.08 154mm	6.06 154mm	10.25 260mm	8.25 210mm	10.75 273mm	8.88 225mm		PL120 PLA120	8.00 203mm	12.75 324mm	8.82 224mm	12.70 323mm	9.75 248mm	11.53 293mm	10.72 272mm	12.50 318mm
AMP1426CC AMP1426CCF	13.85 352mm	12.07 307mm	6.13 156mm	5.99 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	11.75 298mm	13.53 344mm	12.72 323mm	14.50 368mm
AMP1648CC AMP1648CCF	15.98 406mm	13.98 355mm	8.00 203mm	8.27 210mm	14.25 362mm	12.25 311mm	14.75 375mm	12.88 327mm		P164 PA164	12.00 305mm	17.75 451mm	11.47 291mm	17.91 455mm	13.56 344mm	15.74 400mm	15.04 382mm	17.23 438mm
AMP1860CC AMP1860CCF	18.04 458mm	16.04 407mm	10.00 254mm	10.27 261mm	16.22 412mm	14.25 362mm	16.88 429mm	14.88 378mm		P186 PA186	12.00 305mm	19.63, 19.51 499, 496mm	13.72 349mm	19.91 506mm	15.56 395mm	17.74 451mm	17.10 434mm	19.28 490mm

All dimensions are in inches unless otherwise noted

"I" dimensions with multiple numbers indicate slotted holes

All sizes 6" x 6" x 4" up through 14" x 12" x 6" are rated 6P (IP68)

Enclosure base part numbers come standard with 4 separately bagged feet (ex. AMP664CC)

Part numbers with "F" signify factory installed flanges (ex. AMP664CCF)

Back panel specifications found on page 130

Data subject to change without notice



AMP Series

JIC SIZE JUNCTION BOXES

Cover Type

Solid/Opaque

Closure Type

Hinged Screw Cover



Application

Designed to insulate and protect controls and components in both indoor and outdoor applications often found in industrial control panels, pump controls/waste water treatment, irrigation/water control, solar/wind, and chemical plants

- Light weight, impact resistant and good corrosion resistance for many industrial enclosure applications and a great alternative to metallic enclosures
- Protects from dirt, dust, and water

Standards

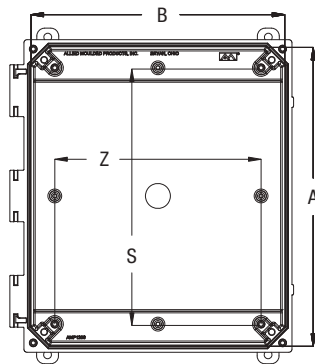
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- CSA C22.2 No. 94 Types 1, 2, 3, 3R, 4, 4X, 12 and 13
- Complies with:
 - NEMA Types 1, 2, 3, 3R, 4, 4X, 12 and 13
 - IEC 60529 Type IP66
 - RoHS directive

Construction

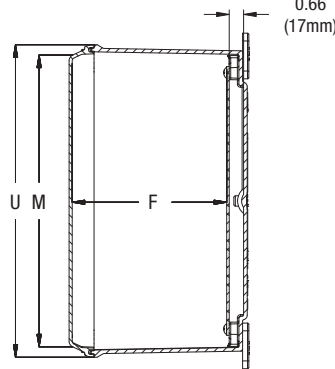
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- Opaque cover, base, feet, flanges — Light gray color (RAL 7035)
Note: foot models mounting hardware supplied in a bag. Flanged models are pre-assembled
- 316 stainless steel captive cover screws
- Formed-In-Place (FIP) polyurethane gasket system encased in continuous channel
- 316 stainless steel foot/flange mounting hardware
- 316 stainless steel hinge pin (6"-14" sizes)
- Polycarbonate hinge clips (16" & 18" sizes)
- #10-32 threaded brass inserts are installed for back panel mounting

Accessories & Modifications

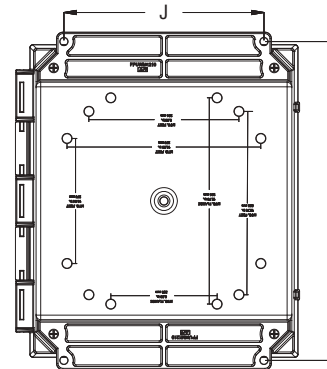
- Optional back panels and hinged front panels
- Custom holes and cutouts
- Optional foot/flange mounting hardware
- DIN rail mounting available with molded-in bosses using #10 sheet metal screws
- Factory-supplied silk screening



NOTE: COVER REMOVED FOR CLARITY

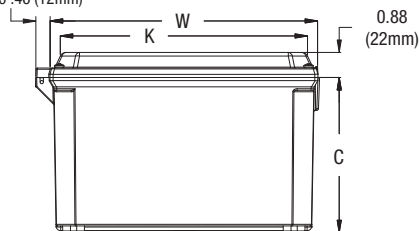


0.66
(17mm)



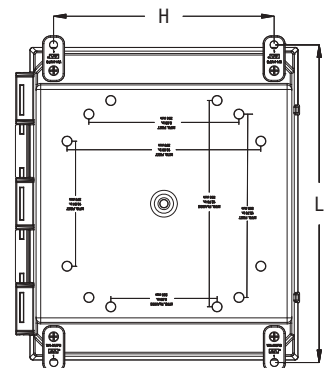
FLANGE MOUNT

6 x 6 x 4 - 14 x 12 x 6 0.56 (14mm)
16 x 14 x 8 .36 (9mm)
18 x 16 x 10 .46 (12mm)



0.88
(22mm)

*Nom. Wall Thickness: .14 (4mm)
14" thru 18" sizes: .19 (5mm)



FOOT MOUNT

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
AMP664H	6.03	6.26	4.08	4.06	4.25	4.25	4.81	4.81		PL66	4.00	6.88, 6.75	4.91	6.75	5.67	5.45	6.72	6.50
AMP664HF	153mm	159mm	104mm	103mm	108mm	108mm	122mm	122mm		PLA66	102mm	175, 171mm	125mm	171mm	144mm	139mm	171mm	165mm
AMP864H	7.94	6.16	4.08	4.06	6.25	4.25	6.75	4.88		PL86	4.00	8.88, 8.75	4.91	8.75	5.67	7.45	6.72	8.50
AMP864HF	202mm	156mm	104mm	103mm	159mm	108mm	171mm	124mm		PLA86	102mm	226, 222mm	125mm	222mm	144mm	189mm	171mm	216mm
AMP884H	7.94	8.16	4.08	4.06	6.25	6.25	6.75	6.88		PL88	6.00	8.75	6.91	8.75	7.67	7.45	8.72	8.50
AMP884HF	202mm	207mm	104mm	103mm	159mm	159mm	171mm	175mm		PLA88	152mm	222mm	175mm	222mm	195mm	189mm	221mm	216mm
AMP1082H	9.93	8.15	2.70	2.68	8.25	6.25	8.75	6.88		PL108	6.00	10.75	6.91	10.75	7.75	9.67	8.72	10.50
AMP1082HF	252mm	207mm	69mm	68mm	210mm	159mm	222mm	175mm		PLA108	152mm	273mm	175mm	273mm	197mm	246mm	221mm	267mm
AMP1084H	9.93	8.15	4.08	4.06	8.25	6.25	8.75	6.88		PL108	6.00	10.75	6.91	10.75	7.75	9.67	8.72	10.50
AMP1084HF	252mm	207mm	104mm	103mm	210mm	159mm	222mm	175mm		PLA108	152mm	273mm	175mm	273mm	197mm	246mm	221mm	267mm
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AMP1204H	11.93	10.15	4.08	4.16	10.25	8.25	10.75	8.88		PL120	8.00	12.75	8.82	12.70	9.75	11.53	10.72	12.50
AMP1204HF	303mm	258mm	104mm	106mm	260mm	210mm	273mm	225mm		PLA120	203mm	324mm	224mm	323mm	248mm	293mm	272mm	318mm
AMP1206H	11.93	10.15	6.08	6.06	10.25	8.25	10.75	8.88		PL120	8.00	12.75	8.82	12.70	9.75	11.53	10.72	12.50
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AMP1426H	13.85	12.07	6.13	5.99	12.25	10.25	12.75	10.88		PL142	10.01	14.75, 14.62	10.82	14.70	11.75	13.53	12.72	14.50
AMP1426HF	352mm	307mm	156mm	152mm	311mm	260mm	324mm	276mm		PLA142	254mm	375, 371mm	275mm	373mm	298mm	344mm	323mm	368mm
AMP1648H	15.98	13.98	8.00	8.27	14.25	12.25	14.75	12.88		P164	12.00	17.75	11.47	17.91	13.56	15.74	15.04	17.23
AMP1648HF	406mm	355mm	203mm	210mm	362mm	311mm	375mm	327mm		PA164	305mm	451mm	291mm	455mm	344mm	400mm	382mm	438mm
AMP1860H	18.04	16.04	10.00	10.27	16.22	14.25	16.88	14.88		P186	12.00	19.63, 19.51	13.72	19.91	15.56	17.74	17.10	19.28
AMP1860HF	458mm	407mm	254mm	261mm	412mm	362mm	429mm	378mm		PA186	305mm	499, 496mm	349mm	506mm	395mm	451mm	434mm	490mm

All dimensions are in inches unless otherwise noted
"I" dimensions with multiple numbers indicate slotted holes

Enclosure base part numbers come standard with 4 separately bagged feet (ex. AMP664H)

Part numbers with "F" signify factory installed flanges (ex. AMP664HF)

Back panel specifications found on page 130

Data subject to change without notice



INDEX

AMP Series

JIC SIZE JUNCTION BOXES

Cover Type

Clear Polycarbonate

Closure Type

Hinged Screw Cover



Application

Designed to insulate and protect controls and components in both indoor and outdoor applications often found in industrial control panels, pump controls/waste water treatment, irrigation/water control, solar/wind, and chemical plants

- Light weight, impact resistant and good corrosion resistance for many industrial enclosure applications and a great alternative to metallic enclosures
- Protects from dirt, dust, and water
- Clear polycarbonate instrumentation cover, used in applications where critical electronic equipment must be visible and protected from the elements

Standards

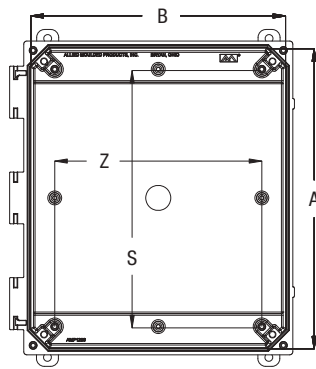
- UL 50 and UL 50E Types 1, 2, 3, 3R, 4, 4X, 12 and 13
- CSA C22.2 No. 94 Types 1, 2, 3, 3R, 4, 4X, 12 and 13
- Complies with:
 - NEMA Types 1, 2, 3, 3R, 4, 4X, 12 and 13
 - IEC 60529 Type IP66
 - RoHS directive

Construction

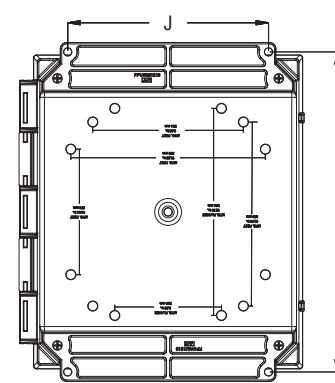
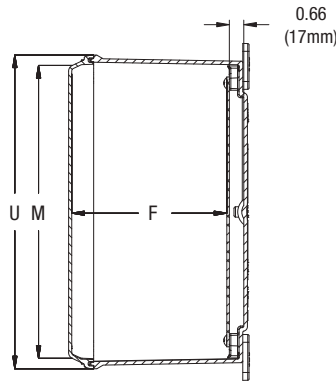
- Injection molded polycarbonate thermoplastic construction with flush, clear polycarbonate cover
- Enclosure base, feet, flanges —
Light gray color (RAL 7035)
Note: foot models mounting hardware supplied in a bag. Flanged models are pre-assembled
- 316 stainless steel captive cover screws
- Formed-In-Place (FIP) polyurethane gasket system encased in continuous channel
- 316 stainless steel foot/flange mounting hardware
- 316 stainless steel hinge pin (6"-14" sizes)
- Polycarbonate hinge clips (16" & 18" sizes)
- #10-32 threaded brass inserts are installed for back panel mounting

Accessories & Modifications

- Optional back panels and hinged front panels
- Custom holes and cutouts
- Optional foot/flange mounting hardware
- DIN rail mounting available with molded-in bosses using #10 sheet metal screws
- Factory-supplied silk screening

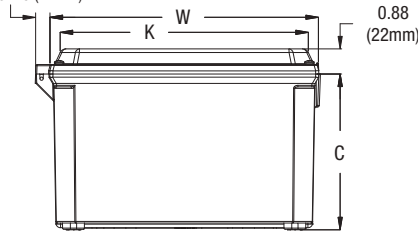


NOTE: COVER REMOVED FOR CLARITY

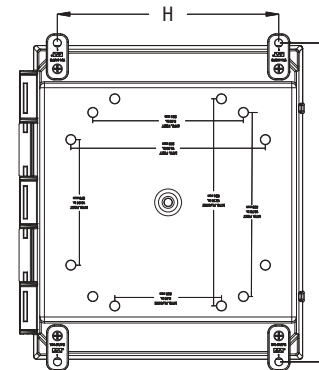


FLANGE MOUNT

6 x 6 x 4 - 14 x 12 x 6 0.56 (14mm)
16 x 14 x 8 .36 (9mm)
18 x 16 x 10 .46 (12mm)



*Nom. Wall Thickness: .14 (4mm)
14" thru 18" sizes: .19 (5mm)



FOOT MOUNT

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
AMP664CCH	6.03	6.26	4.08	4.06	4.25	4.25	4.81	4.81		PL66	4.00	6.88, 6.75	4.91	6.75	5.67	5.45	6.72	6.50
AMP664CCHF	153mm	159mm	104mm	103mm	108mm	108mm	122mm	122mm		PLA66	102mm	175, 171mm	125mm	171mm	144mm	139mm	171mm	165mm
AMP864CCH	7.94	6.16	4.08	4.06	6.25	4.25	6.75	4.88		PL86	4.00	8.88, 8.75	4.91	8.75	5.67	7.45	6.72	8.50
AMP864CCHF	202mm	156mm	104mm	103mm	159mm	108mm	171mm	124mm		PLA86	102mm	226, 222mm	125mm	222mm	144mm	189mm	171mm	216mm
AMP884CCH	7.94	8.16	4.08	4.06	6.25	6.25	6.75	6.88		PL88	6.00	8.75	6.91	8.75	7.67	7.45	8.72	8.50
AMP884CCHF	202mm	207mm	104mm	103mm	159mm	159mm	171mm	175mm		PLA88	152mm	222mm	175mm	222mm	195mm	189mm	221mm	216mm
AMP1082CCH	9.93	8.15	2.70	2.68	8.25	6.25	8.75	6.88		PL108	6.00	10.75	6.91	10.75	7.75	9.67	8.72	10.50
AMP1082CCHF	252mm	207mm	69mm	68mm	210mm	159mm	222mm	175mm		PLA108	152mm	273mm	175mm	273mm	197mm	246mm	221mm	267mm
AMP1084CCH	9.93	8.15	4.08	4.06	8.25	6.25	8.75	6.88		PL108	6.00	10.75	6.91	10.75	7.75	9.67	8.72	10.50
AMP1084CCHF	252mm	207mm	104mm	103mm	210mm	159mm	222mm	175mm		PLA108	152mm	273mm	175mm	273mm	197mm	246mm	221mm	267mm
AMP1086CCH	9.90	8.12	5.94	6.06	8.25	6.25	8.75	6.88		PL108	6.00	10.75	6.91	10.75	7.75	9.67	8.72	10.50
AMP1086CCHF	255mm	206mm	151mm	154mm	210mm	159mm	222mm	175mm		PLA108	152mm	273mm	175mm	273mm	197mm	246mm	221mm	267mm
AMP1204CCH	11.93	10.15	4.08	4.16	10.25	8.25	10.75	8.88		PL120	8.00	12.75	8.82	12.70	9.75	11.53	10.72	12.50
AMP1204CCHF	303mm	258mm	104mm	106mm	260mm	210mm	273mm	225mm		PLA120	203mm	324mm	224mm	323mm	248mm	293mm	272mm	318mm
AMP1206CCH	11.93	10.15	6.08	6.06	10.25	8.25	10.75	8.88		PL120	8.00	12.75	8.82	12.70	9.75	11.53	10.72	12.50
AMP1206CCHF	303mm	258mm	154mm	154mm	260mm	210mm	273mm	225mm		PLA120	203mm	324mm	224mm	323mm	248mm	293mm	272mm	318mm
AMP1426CCH	13.85	12.07	6.13	5.99	12.25	10.25	12.75	10.88		PL142	10.01	14.75, 14.62	10.82	14.70	11.75	13.53	12.72	14.50
AMP1426CCHF	352mm	307mm	156mm	152mm	311mm	260mm	324mm	276mm		PLA142	254mm	375, 371mm	275mm	373mm	298mm	344mm	323mm	368mm
AMP1648CCH	15.98	13.98	8.00	8.27	14.25	12.25	14.75	12.88		P164	12.00	17.75	11.47	17.91	13.56	15.74	15.04	17.23
AMP1648CCHF	406mm	355mm	203mm	210mm	362mm	311mm	375mm	327mm		PA164	305mm	451mm	291mm	455mm	344mm	400mm	382mm	438mm
AMP1860CCH	18.04	16.04	10.00	10.27	16.22	14.25	16.88	14.88		P186	12.00	19.63, 19.51	13.72	19.91	15.56	17.74	17.10	19.28
AMP1860CCHF	458mm	407mm	254mm	261mm	412mm	362mm	429mm	378mm		PA186	305mm	499, 496mm	349mm	506mm	395mm	451mm	434mm	490mm

All dimensions are in inches unless otherwise noted

"I" dimensions with multiple numbers indicate slotted holes

Enclosure base part numbers come standard with 4 separately bagged feet (ex. AMP664CCH)

Part numbers with "F" signify factory installed flanges (ex. AMP664CCHF)

Back panel specifications found on page 130

Data subject to change without notice



AMP Series

JIC SIZE JUNCTION BOXES

Cover Type

Solid/Opaque

Closure Type

Nonmetal Snap Latch
Hinged Cover



Application

Designed to insulate and protect controls and components in both indoor and outdoor applications often found in industrial control panels, pump controls/waste water treatment, irrigation/water control, solar/wind, and chemical plants

- Light weight, impact resistant and good corrosion resistance for many industrial enclosure applications and a great alternative to metallic enclosures
- Protects from dirt, dust, and water

Standards

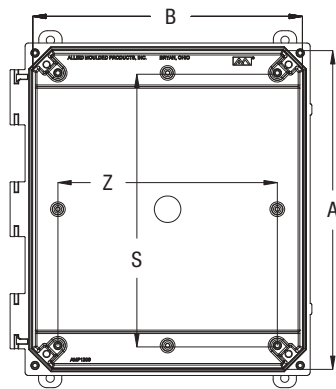
- UL 50 and UL 50E Types 1, 2, 3, 3R, 4, 4X, 12 and 13
- CSA C22.2 No. 94 Types 1, 2, 3, 3R, 4, 4X, 12 and 13
- Complies with:
 - NEMA Types 1, 2, 3, 3R, 4, 4X, 12 and 13
 - IEC 60529 Type IP66
 - RoHS directive

Construction

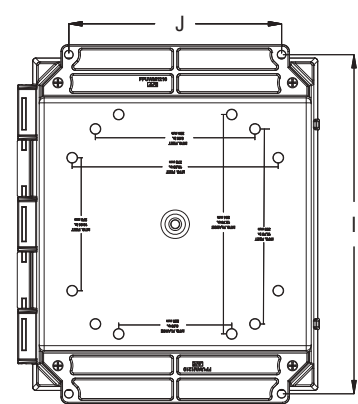
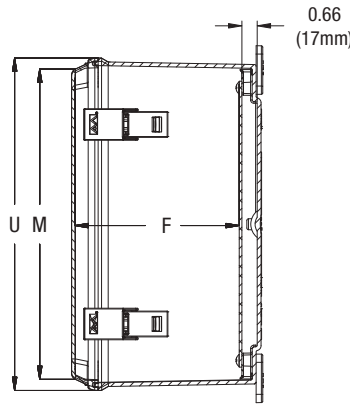
- Injection molded polycarbonate thermoplastic construction with flush, solid/opaque cover
- Opaque cover, base, snap latches, feet, flanges — Light gray color (RAL 7035)
Note: foot models mounting hardware supplied in a bag. Flanged models are pre-assembled
- Polycarbonate snap latches feature padlock hasp (.281" dia.)—(AMP1082 not available)
- Formed-In-Place (FIP) polyurethane gasket system encased in continuous channel
- 316 stainless steel foot/flange mounting hardware
- 316 stainless steel hinge pin (6"-14" sizes)
- Polycarbonate hinge clips (16" & 18" sizes)
- #10-32 threaded brass inserts are installed for back panel mounting

Accessories & Modifications

- Optional back panels and hinged front panels
- Custom holes and cutouts
- Optional foot/flange mounting hardware
- DIN rail mounting available with molded-in bosses using #10 sheet metal screws
- Factory-supplied silk screening

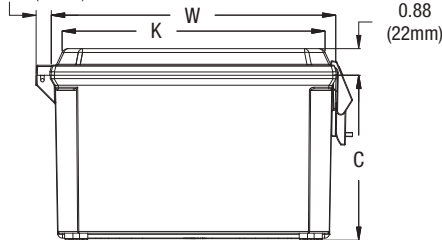


NOTE: COVER REMOVED FOR CLARITY



FLANGE MOUNT

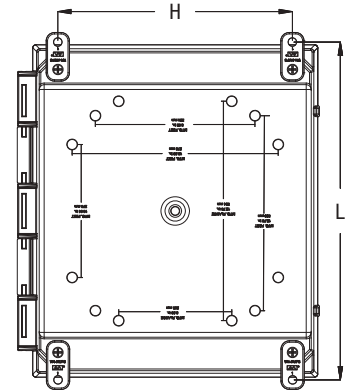
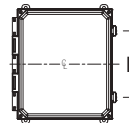
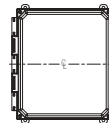
6 x 6 x 4 - 14 x 12 x 6 0.56 (14mm)
16 x 14 x 8 .36 (9mm)
18 x 16 x 10 .46 (12mm)



LATCH LOCATIONS

FOR USE ON
6 x 6 x 4
8 x 6 x 4
8 x 8 x 4
10 x 8 x 4,6

FOR USE ON
12 x 10 x 4,6 D=7.50 (191mm)
14 x 12 x 6 D=8.00 (203mm)
16 x 14 x 8 D=10.5 (267mm)
18 x 16 x 10 D=12.5 (318mm)



FOOT MOUNT

*Nom. Wall Thickness: .14 (4mm)
14" thru 18" 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
AMP664NL AMP664NLF	6.03	6.26	4.08	4.06	4.25	4.25	4.81	4.81		PL66 PLA66	4.00	6.88, 6.75	4.91	6.75	5.67	5.45	6.72	6.50
	153mm	159mm	104mm	103mm	108mm	108mm	122mm	122mm			102mm	175, 171mm	125mm	171mm	144mm	139mm	171mm	165mm
AMP864NL AMP864NLF	7.94	6.16	4.08	4.06	6.25	4.25	6.75	4.88		PL86 PLA86	4.00	8.88, 8.75	4.91	8.75	5.67	7.45	6.72	8.50
	202mm	156mm	104mm	103mm	159mm	108mm	171mm	124mm			102mm	226, 222mm	125mm	222mm	144mm	189mm	171mm	216mm
AMP884NL AMP884NLF	7.94	8.16	4.08	4.06	6.25	6.25	6.75	6.88		PL88 PLA88	6.00	8.75	6.91	8.75	7.67	7.45	8.72	8.50
	202mm	207mm	104mm	103mm	159mm	159mm	171mm	175mm			152mm	222mm	175mm	222mm	195mm	189mm	221mm	216mm
AMP1084NL AMP1084NLF	9.93	8.15	4.08	4.06	8.25	6.25	8.75	6.88		PL108 PLA108	6.00	10.75	6.91	10.75	7.75	9.67	8.72	10.50
	252mm	207mm	104mm	103mm	210mm	159mm	222mm	175mm			152mm	273mm	175mm	273mm	197mm	246mm	221mm	267mm
AMP1086NL AMP1086NLF	9.90	8.12	5.94	6.06	8.25	6.25	8.75	6.88		PL108 PLA108	6.00	10.75	6.91	10.75	7.75	9.67	8.72	10.50
	255mm	206mm	151mm	154mm	210mm	159mm	222mm	175mm			152mm	273mm	175mm	273mm	197mm	246mm	221mm	267mm
AMP1204NL AMP1204NLF	11.93	10.15	4.08	4.16	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
	303mm	258mm	104mm	106mm	260mm	210mm	273mm	225mm			203mm	324mm	224mm	323mm	248mm	293mm	272mm	318mm
AMP1206NL AMP1206NLF	11.93	10.15	6.08	6.06	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
	303mm	258mm	154mm	154mm	260mm	210mm	273mm	225mm			203mm	324mm	224mm	323mm	248mm	293mm	272mm	318mm
AMP1426NL AMP1426NLF	13.85	12.07	6.13	5.99	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
	352mm	307mm	156mm	152mm	311mm	260mm	324mm	276mm			254mm	375, 371mm	275mm	373mm	298mm	344mm	323mm	368mm
AMP1648NL AMP1648NLF	15.98	13.98	8.00	8.27	14.25	12.25	14.75	12.88		P164 PA164	12.00	17.75	11.47	17.91	13.56	15.74	15.04	17.23
	406mm	355mm	203mm	210mm	362mm	311mm	375mm	327mm			305mm	451mm	291mm	455mm	344mm	400mm	382mm	438mm
AMP1860NL AMP1860NLF	18.04	16.04	10.00	10.27	16.22	14.25	16.88	14.88		P186 PA186	12.00	19.63, 19.51	13.72	19.91	15.56	17.74	17.10	19.28
	458mm	407mm	254mm	261mm	412mm	362mm	429mm	378mm			305mm	499, 496mm	349mm	506mm	395mm	451mm	434mm	490mm

All dimensions are in inches unless otherwise noted

"I" dimensions with multiple numbers indicate slotted holes

Enclosure base part numbers come standard with 4 separately bagged feet (ex. AMP664NL)

Part numbers with "F" signify factory installed flanges (ex. AMP664NLF)

Back panel specifications found on page 130

Data subject to change without notice



AMP Series

JIC SIZE JUNCTION BOXES

Cover Type

Clear Polycarbonate

Closure Type

Nonmetal Snap Latch
Hinged Cover



Application

Designed to insulate and protect controls and components in both indoor and outdoor applications often found in industrial control panels, pump controls/waste water treatment, irrigation/water control, solar/wind, and chemical plants

- Light weight, impact resistant and good corrosion resistance for many industrial enclosure applications and a great alternative to metallic enclosures
- Protects from dirt, dust, and water
- Clear polycarbonate instrumentation cover, used in applications where critical electronic equipment must be visible and protected from the elements

Standards

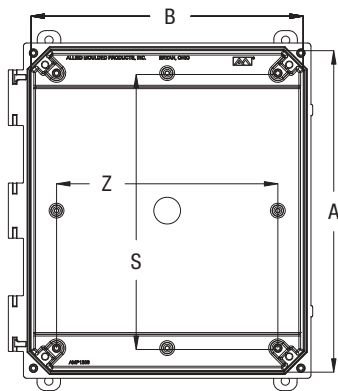
- UL 50 and UL 50E Types 1, 2, 3, 3R, 4, 4X, 12 and 13
- CSA C22.2 No. 94 Types 1, 2, 3, 3R, 4, 4X, 12 and 13
- Complies with:
 - NEMA Types 1, 2, 3, 3R, 4, 4X, 12 and 13
 - IEC 60529 Type IP66
 - RoHS directive

Construction

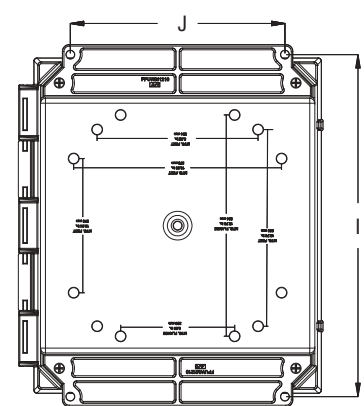
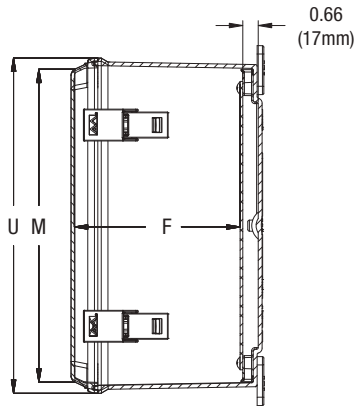
- Injection molded polycarbonate thermoplastic construction with flush, clear polycarbonate cover
- Enclosure base, feet, flanges —
Light gray color (RAL 7035)
Note: foot models mounting hardware supplied in a bag. Flanged models are pre-assembled
- Polycarbonate snap latches feature padlock hasp (.281" dia.)—(AMP1082 not available)
- Formed-In-Place (FIP) polyurethane gasket system encased in continuous channel
- 316 stainless steel foot/flange mounting hardware
- 316 stainless steel hinge pin (6"-14" sizes)
- Polycarbonate hinge clips (16" & 18" sizes)
- #10-32 threaded brass inserts are installed for back panel mounting

Accessories & Modifications

- Optional back panels and hinged front panels
- Custom holes and cutouts
- Optional foot/flange mounting hardware
- DIN rail mounting available with molded-in bosses using #10 sheet metal screws
- Factory-supplied silk screening

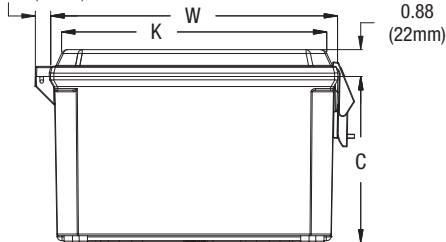


NOTE: COVER REMOVED FOR CLARITY



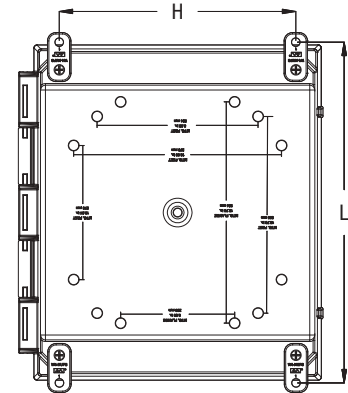
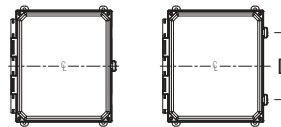
FLANGE MOUNT

6 x 6 x 4 - 14 x 12 x 6 0.56 (14mm)
16 x 14 x 8 .36 (9mm)
18 x 16 x 10 .46 (12mm)



LATCH LOCATIONS

FOR USE ON FOR USE ON
6 x 6 x 4 12 x 10 x 4,6 D=7.50 (191mm)
8 x 6 x 4 14 x 12 x 6 D=8.00 (203mm)
8 x 8 x 4 16 x 14 x 8 D=10.5 (267mm)
10 x 8 x 4,6 18 x 16 x 10 D=12.5 (318mm)



FOOT MOUNT

*Nom. Wall Thickness: .14 (4mm)
14" thru 18" 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
AMP664CCNL	6.03	6.26	4.08	4.06	4.25	4.25	4.81	4.81		PL66	4.00	6.88, 6.75	4.91	6.75	5.67	5.45	6.72	6.50
AMP664CCNLF	153mm	159mm	104mm	103mm	108mm	108mm	122mm	122mm		PLA66	102mm	175, 171mm	125mm	171mm	144mm	139mm	171mm	165mm
AMP864CCNL	7.94	6.16	4.08	4.06	6.25	4.25	6.75	4.88		PL86	4.00	8.88, 8.75	4.91	8.75	5.67	7.45	6.72	8.50
AMP864CCNLF	202mm	156mm	104mm	103mm	159mm	108mm	171mm	124mm		PLA86	102mm	226, 222mm	125mm	222mm	144mm	189mm	171mm	216mm
AMP884CCNL	7.94	8.16	4.08	4.06	6.25	6.25	6.75	6.88		PL88	6.00	8.75	6.91	8.75	7.67	7.45	8.72	8.50
AMP884CCNLF	202mm	207mm	104mm	103mm	159mm	159mm	171mm	175mm		PLA88	152mm	222mm	175mm	222mm	195mm	189mm	221mm	216mm
AMP1084CCNL	9.93	8.15	4.08	4.06	8.25	6.25	8.75	6.88		PL108	6.00	10.75	6.91	10.75	7.75	9.67	8.72	10.50
AMP1084CCNLF	252mm	207mm	104mm	103mm	210mm	159mm	222mm	175mm		PLA108	152mm	273mm	175mm	273mm	197mm	246mm	221mm	267mm
AMP1086CCNL	9.90	8.12	5.94	6.06	8.25	6.25	8.75	6.88		PL108	6.00	10.75	6.91	10.75	7.75	9.67	8.72	10.50
AMP1086CCNLF	255mm	206mm	151mm	154mm	210mm	159mm	222mm	175mm		PLA108	152mm	273mm	175mm	273mm	197mm	246mm	221mm	267mm
AMP1204CCNL	11.93	10.15	4.08	4.16	10.25	8.25	10.75	8.88		PL120	8.00	12.75	8.82	12.70	9.75	11.53	10.72	12.50
AMP1204CCNLF	303mm	258mm	104mm	106mm	260mm	210mm	273mm	225mm		PLA120	203mm	324mm	224mm	323mm	248mm	293mm	272mm	318mm
AMP1206CCNL	11.93	10.15	6.08	6.06	10.25	8.25	10.75	8.88		PL120	8.00	12.75	8.82	12.70	9.75	11.53	10.72	12.50
AMP1206CCNLF	303mm	258mm	154mm	154mm	260mm	210mm	273mm	225mm		PLA120	203mm	324mm	224mm	323mm	248mm	293mm	272mm	318mm
AMP1426CCNL	13.85	12.07	6.13	5.99	12.25	10.25	12.75	10.88		PL142	10.01	14.75, 14.62	10.82	14.70	11.75	13.53	12.72	14.50
AMP1426CCNLF	352mm	307mm	156mm	152mm	311mm	260mm	324mm	276mm		PLA142	254mm	375, 371mm	275mm	373mm	298mm	344mm	323mm	368mm
AMP1648CCNL	15.98	13.98	8.00	8.27	14.25	12.25	14.75	12.88		P164	12.00	17.75	11.47	17.91	13.56	15.74	15.04	17.23
AMP1648CCNLF	406mm	355mm	203mm	210mm	362mm	311mm	375mm	327mm		PA164	305mm	451mm	291mm	455mm	344mm	400mm	382mm	438mm
AMP1860CCNL	18.04	16.04	10.00	10.27	16.22	14.25	16.88	14.88		P186	12.00	19.63, 19.51	13.72	19.91	15.56	17.74	17.10	19.28
AMP1860CCNLF	458mm	407mm	254mm	261mm	412mm	362mm	429mm	378mm		PA186	305mm	499, 496mm	349mm	506mm	395mm	451mm	434mm	490mm

All dimensions are in inches unless otherwise noted

"I" dimensions with multiple numbers indicate slotted holes

Enclosure base part numbers come standard with 4 separately bagged feet (ex. AMP664CCNL)

Part numbers with "F" signify factory installed flanges (ex. AMP664CCNLF)

Back panel specifications found on page 130

Data subject to change without notice



AMP Series

JIC SIZE JUNCTION BOXES

Cover Type

Solid/Opaque

Closure Type

Snap Latch Hinged Cover



Application

Designed to insulate and protect controls and components in both indoor and outdoor applications often found in industrial control panels, pump controls/waste water treatment, irrigation/water control, solar/wind, and chemical plants

- Light weight, impact resistant and good corrosion resistance for many industrial enclosure applications and a great alternative to metallic enclosures
- Protects from dirt, dust, and water

Standards

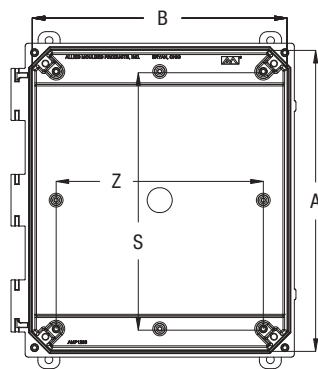
- UL 50 and UL 50E Types 1, 2, 3, 3R, 4, 4X, 12 and 13
- CSA C22.2 No. 94 Types 1, 2, 3, 3R, 4, 4X, 12 and 13
- Complies with:
 - NEMA Types 1, 2, 3, 3R, 4, 4X, 12 and 13
 - IEC 60529 Type IP66
 - RoHS directive

Construction

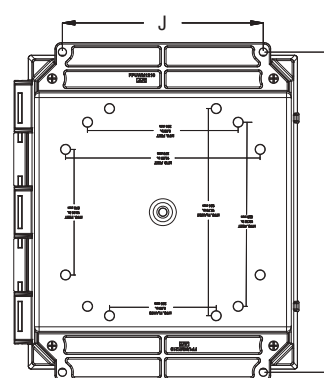
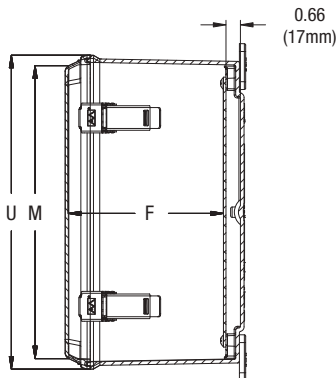
- Injection molded polycarbonate thermoplastic construction with flush, solid/opaque cover
- Opaque cover, base, feet, flanges — Light gray color (RAL 7035)
Note: foot models mounting hardware supplied in a bag. Flanged models are pre-assembled
- 316 stainless steel snap latches feature padlock hasp (.375" dia.)—(AMP1082 .354" dia.)
- Formed-In-Place (FIP) polyurethane gasket system encased in continuous channel
- 316 stainless steel foot/flange mounting hardware
- 316 stainless steel hinge pin (6"-14" sizes)
- Polycarbonate hinge clips (16" & 18" sizes)
- #10-32 threaded brass inserts are installed for back panel mounting

Accessories & Modifications

- Optional back panels and hinged front panels
- Custom holes and cutouts
- Optional foot/flange mounting hardware
- DIN rail mounting available with molded-in bosses using #10 sheet metal screws
- Factory-supplied silk screening

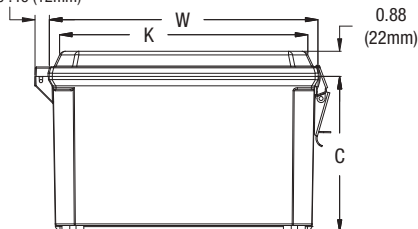


NOTE: COVER REMOVED FOR CLARITY



FLANGE MOUNT

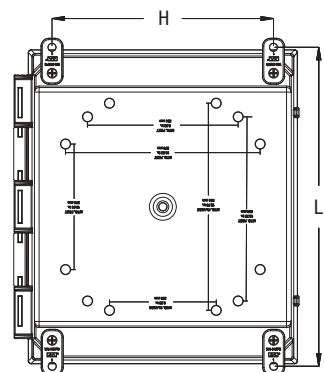
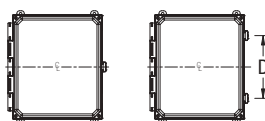
6 x 6 x 4 - 14 x 12 x 6 0.56 (14mm)
16 x 14 x 8 .36 (9mm)
18 x 16 x 10 .46 (12mm)



LATCH LOCATIONS

FOR USE ON
6 x 6 x 4
8 x 6 x 4
8 x 8 x 4
10 x 8 x 2,4,6

FOR USE ON
12 x 10 x 4,6 D=7.50 (191mm)
14 x 12 x 6 D=8.00 (203mm)
16 x 14 x 8 D=10.5 (267mm)
18 x 16 x 10 D=12.5 (318mm)



FOOT MOUNT

*Nom. Wall Thickness: .14 (4mm)
14" thru 18" 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
AMP664L AMP664LF	6.03 153mm	6.26 159mm	4.08 104mm	4.06 103mm	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	5.67 144mm	5.45 139mm	6.72 171mm	6.50 165mm
AMP864L AMP864LF	7.94 202mm	6.16 156mm	4.08 104mm	4.06 103mm	6.25 159mm	4.25 108mm	6.75 171mm	4.88 124mm		PL86 PLA86	4.00 102mm	8.88, 8.75 226, 222mm	4.91 125mm	8.75 222mm	5.67 144mm	7.45 189mm	6.72 171mm	8.50 216mm
AMP884L AMP884LF	7.94 202mm	8.16 207mm	4.08 104mm	4.06 103mm	6.25 159mm	6.25 159mm	6.75 171mm	6.88 175mm		PL88 PLA88	6.00 152mm	8.75 222mm	6.91 175mm	8.75 222mm	7.67 195mm	7.45 189mm	8.72 221mm	8.50 216mm
AMP1082L AMP1082LF	9.93 252mm	8.15 207mm	2.70 69mm	2.68 68mm	8.25 210mm	6.25 159mm	8.75 222mm	6.88 175mm		PL108 PLA108	6.00 152mm	10.75 273mm	6.91 175mm	10.75 273mm	7.75 197mm	9.67 246mm	8.72 221mm	10.50 267mm
AMP1084L AMP1084LF	9.93 252mm	8.15 207mm	4.08 104mm	4.06 103mm	8.25 210mm	6.25 159mm	8.75 222mm	6.88 175mm		PL108 PLA108	6.00 152mm	10.75 273mm	6.91 175mm	10.75 273mm	7.75 197mm	9.67 246mm	8.72 221mm	10.50 267mm
AMP1086L AMP1086LF	9.90 255mm	8.12 206mm	5.94 151mm	6.06 154mm	8.25 210mm	6.25 159mm	8.75 222mm	6.88 175mm		PL108 PLA108	6.00 152mm	10.75 273mm	6.91 175mm	10.75 273mm	7.75 197mm	9.67 246mm	8.72 221mm	10.50 267mm
AMP1204L AMP1204LF	11.93 303mm	10.15 258mm	4.08 104mm	4.16 106mm	10.25 260mm	8.25 210mm	10.75 273mm	8.88 225mm		PL120 PLA120	8.00 203mm	12.75 324mm	8.82 224mm	12.70 323mm	9.75 248mm	11.53 293mm	10.72 272mm	12.50 318mm
AMP1206L AMP1206LF	11.93 303mm	10.15 258mm	6.08 154mm	6.06 154mm	10.25 260mm	8.25 210mm	10.75 273mm	8.88 225mm		PL120 PLA120	8.00 203mm	12.75 324mm	8.82 224mm	12.70 323mm	9.75 248mm	11.53 293mm	10.72 272mm	12.50 318mm
AMP1426L AMP1426LF	13.85 352mm	12.07 307mm	6.13 156mm	5.99 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	11.75 298mm	13.53 344mm	12.72 323mm	14.50 368mm
AMP1648L AMP1648LF	15.98 406mm	13.98 355mm	8.00 203mm	8.27 210mm	14.25 362mm	12.25 311mm	14.75 375mm	12.88 327mm		P164 PA164	12.00 305mm	17.75 451mm	11.47 291mm	17.91 455mm	13.56 344mm	15.74 400mm	15.04 382mm	17.23 438mm
AMP1860L AMP1860LF	18.04 458mm	16.04 407mm	10.00 254mm	10.27 261mm	16.22 412mm	14.25 362mm	16.88 429mm	14.88 378mm		P186 PA186	12.00 305mm	19.63, 19.51 499, 496mm	13.72 349mm	19.91 506mm	15.56 395mm	17.74 451mm	17.10 434mm	19.28 490mm

All dimensions are in inches unless otherwise noted

"I" dimensions with multiple numbers indicate slotted holes

Enclosure base part numbers come standard with 4 separately bagged feet (ex. AMP664L)

Part numbers with "F" signify factory installed flanges (ex. AMP664LF)

Back panel specifications found on page 130

Data subject to change without notice



INDEX

AMP Series

JIC SIZE JUNCTION BOXES

Cover Type

Clear Polycarbonate

Closure Type

Snap Latch Hinged Cover



Application

Designed to insulate and protect controls and components in both indoor and outdoor applications often found in industrial control panels, pump controls/waste water treatment, irrigation/water control, solar/wind, and chemical plants

- Light weight, impact resistant and good corrosion resistance for many industrial enclosure applications and a great alternative to metallic enclosures
- Protects from dirt, dust, and water
- Clear polycarbonate instrumentation cover, used in applications where critical electronic equipment must be visible and protected from the elements

Standards

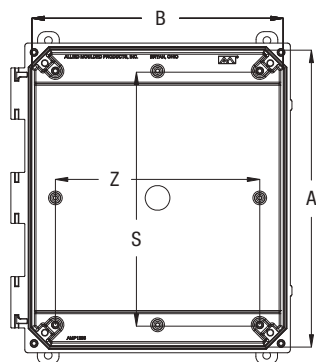
- UL 50 and UL 50E Types 1, 2, 3, 3R, 4, 4X, 12 and 13
- CSA C22.2 No. 94 Types 1, 2, 3, 3R, 4, 4X, 12 and 13
- Complies with:
 - NEMA Types 1, 2, 3, 3R, 4, 4X, 12 and 13
 - IEC 60529 Type IP66
 - RoHS directive

Construction

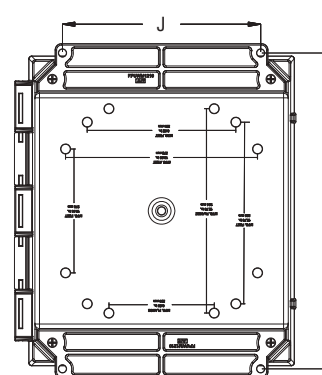
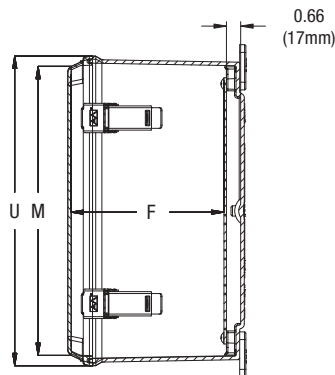
- Injection molded polycarbonate thermoplastic construction with flush, clear polycarbonate cover
- Enclosure base, feet, flanges —
Light gray color (RAL 7035)
Note: foot models mounting hardware supplied in a bag. Flanged models are pre-assembled
- 316 stainless steel snap latches feature padlock hasp (.375" dia.)—(AMP1082 .354" dia.)
- Formed-In-Place (FIP) polyurethane gasket system encased in continuous channel
- 316 stainless steel foot/flange mounting hardware
- 316 stainless steel hinge pin (6"-14" sizes)
- Polycarbonate hinge clips (16" & 18" sizes)
- #10-32 threaded brass inserts are installed for back panel mounting

Accessories & Modifications

- Optional back panels and hinged front panels
- Custom holes and cutouts
- Optional foot/flange mounting hardware
- DIN rail mounting available with molded-in bosses using #10 sheet metal screws
- Factory-supplied silk screening

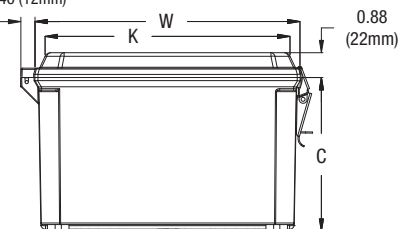


NOTE: COVER REMOVED FOR CLARITY



FLANGE MOUNT

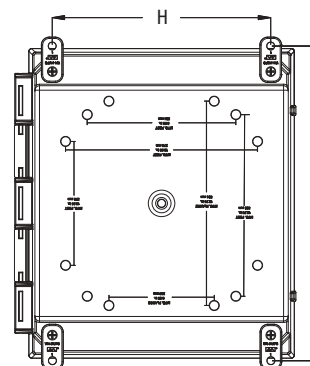
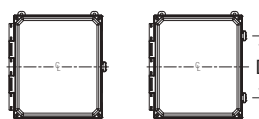
6 x 6 x 4 - 14 x 12 x 6 0.56 (14mm)
16 x 14 x 8 .36 (9mm)
18 x 16 x 10 .46 (12mm)



LATCH LOCATIONS

FOR USE ON
6 x 6 x 4
8 x 6 x 4
8 x 8 x 4
10 x 8 x 2,4,6

FOR USE ON
12 x 10 x 4,6 D=7.50 (191mm)
14 x 12 x 6 D=8.00 (203mm)
16 x 14 x 8 D=10.5 (267mm)
18 x 16 x 10 D=12.5 (318mm)



FOOT MOUNT

*Nom. Wall Thickness: .14 (4mm)
14" thru 18" 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
AMP664CCL	6.03	6.26	4.08	4.06	4.25	4.25	4.81	4.81		PL66	4.00	6.88, 6.75	4.91	6.75	5.67	5.45	6.72	6.50
AMP664CCLF	153mm	159mm	104mm	103mm	108mm	108mm	122mm	122mm		PLA66	102mm	175, 171mm	125mm	171mm	144mm	139mm	171mm	165mm
AMP864CCL	7.94	6.16	4.08	4.06	6.25	4.25	6.75	4.88		PL86	4.00	8.88, 8.75	4.91	8.75	5.67	7.45	6.72	8.50
AMP864CCLF	202mm	156mm	104mm	103mm	159mm	108mm	171mm	124mm		PLA86	102mm	226, 222mm	125mm	222mm	144mm	189mm	171mm	216mm
AMP884CCL	7.94	8.16	4.08	4.06	6.25	6.25	6.75	6.88		PL88	6.00	8.75	6.91	8.75	7.67	7.45	8.72	8.50
AMP884CCLF	202mm	207mm	104mm	103mm	159mm	159mm	171mm	175mm		PLA88	152mm	222mm	175mm	222mm	195mm	189mm	221mm	216mm
AMP1082CCL	9.93	8.15	2.70	2.68	8.25	6.25	8.75	6.88		PL108	6.00	10.75	6.91	10.75	7.75	9.67	8.72	10.50
AMP1082CCLF	252mm	207mm	69mm	68mm	210mm	159mm	222mm	175mm		PLA108	152mm	273mm	175mm	273mm	197mm	246mm	221mm	267mm
AMP1084CCL	9.93	8.15	4.08	4.06	8.25	6.25	8.75	6.88		PL108	6.00	10.75	6.91	10.75	7.75	9.67	8.72	10.50
AMP1084CCLF	252mm	207mm	104mm	103mm	210mm	159mm	222mm	175mm		PLA108	152mm	273mm	175mm	273mm	197mm	246mm	221mm	267mm
AMP1086CCL	9.90	8.12	5.94	6.06	8.25	6.25	8.75	6.88		PL108	6.00	10.75	6.91	10.75	7.75	9.67	8.72	10.50
AMP1086CCLF	255mm	206mm	151mm	154mm	210mm	159mm	222mm	175mm		PLA108	152mm	273mm	175mm	273mm	197mm	246mm	221mm	267mm
AMP1204CCL	11.93	10.15	4.08	4.16	10.25	8.25	10.75	8.88		PL120	8.00	12.75	8.82	12.70	9.75	11.53	10.72	12.50
AMP1204CCLF	303mm	258mm	104mm	106mm	260mm	210mm	273mm	225mm		PLA120	203mm	324mm	224mm	323mm	248mm	293mm	272mm	318mm
AMP1206CCL	11.93	10.15	6.08	6.06	10.25	8.25	10.75	8.88		PL120	8.00	12.75	8.82	12.70	9.75	11.53	10.72	12.50
AMP1206CCLF	303mm	258mm	154mm	154mm	260mm	210mm	273mm	225mm		PLA120	203mm	324mm	224mm	323mm	248mm	293mm	272mm	318mm
AMP1426CCL	13.85	12.07	6.13	5.99	12.25	10.25	12.75	10.88		PL142	10.01	14.75, 14.62	10.82	14.70	11.75	13.53	12.72	14.50
AMP1426CCLF	352mm	307mm	156mm	152mm	311mm	260mm	324mm	276mm		PLA142	254mm	375, 371mm	275mm	373mm	298mm	344mm	323mm	368mm
AMP1648CCL	15.98	13.98	8.00	8.27	14.25	12.25	14.75	12.88		P164	12.00	17.75	11.47	17.91	13.56	15.74	15.04	17.23
AMP1648CCLF	406mm	355mm	203mm	210mm	362mm	311mm	375mm	327mm		PA164	305mm	451mm	291mm	455mm	344mm	400mm	382mm	438mm
AMP1860CCL	18.04	16.04	10.00	10.27	16.22	14.25	16.88	14.88		P186	12.00	19.63, 19.51	13.72	19.91	15.56	17.74	17.10	19.28
AMP1860CCLF	458mm	407mm	254mm	261mm	412mm	362mm	429mm	378mm		PA186	305mm	499, 496mm	349mm	506mm	395mm	451mm	434mm	490mm

All dimensions are in inches unless otherwise noted

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Enclosure base part numbers come standard with 4 separately bagged feet (ex. AMP664CCL)

Part numbers with "F" signify factory installed flanges (ex. AMP664CCLF)

Back panel specifications found on page 130

Data subject to change without notice



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