POLYPRO™ WIFI, TYPE 4X
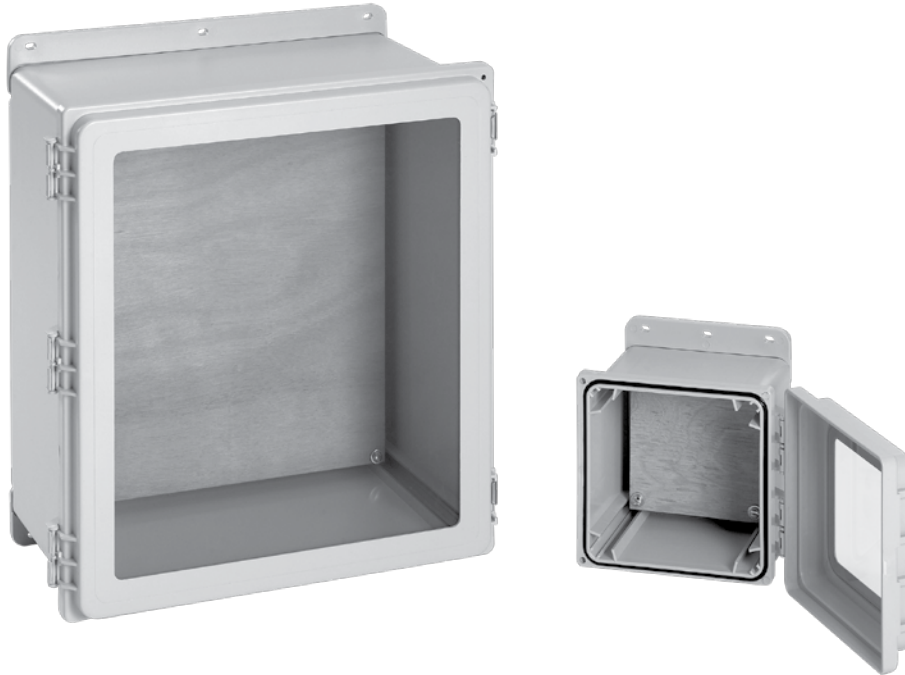

INDUSTRY STANDARDS

UL 508A Listed; Type 4, 4X, 12, 13; File No. E61997
cUL Listed per CSA C22.2 No 94; Type 4, 4X, 12, 13; File No. E61997
Enclosure flammability evaluated per UL 508A
Window flammability evaluated per UL 508A

NEMA/EEMAC Type 4, 4X, 12, 13
CSA File No. 42186; Type 4, 4X, 12, 13 (solid covers only)
IEC 60529, IP66

APPLICATION

POLYPRO™ WiFi enclosures provide protection for wireless equipment in both indoor and outdoor locations. The polyester construction and wood panel allow WiFi and WLAN signals to pass through the enclosure unimpeded. They perform exceptionally well in applications where harsh chemicals, weather extremes, a corrosive environment or flames demand toughness from a lightweight enclosure. Providing excellent ultraviolet protection and a tight environmental seal, these versatile, feature-rich enclosures are also recyclable.

FEATURES

- Non-glass-filled polyester material offers superior UV resistance; eliminates fiberbloom associated with fiberglass
- Provides excellent chemical resistance to a broad range of solvents, alkalis and acids
- Resists cracking and provides excellent impact resistance
- Lighter-weight than fiberglass
- Recyclable
- Easy, dustless in-field modifications using standard tools
- Overlapping tongue-and-groove raised cover and gasket provide secure Type 4X seal
- Removable snap-hinge cover allows for easy access to cover and body for modifications
- Molded layout grid on inside of body and solid covers assists with component mounting
- Molded-in embosses for rear panel mounting
- Internal rail system and adjustable panel blocks allow for panel height adjustment and installation of multiple panels

SPECIFICATIONS

- Scratch-resistant polycarbonate windows
- Standard models include body and cover, two mounting feet, two latch assemblies with optional cover screws and hardware, and 3/4-in. plywood panel
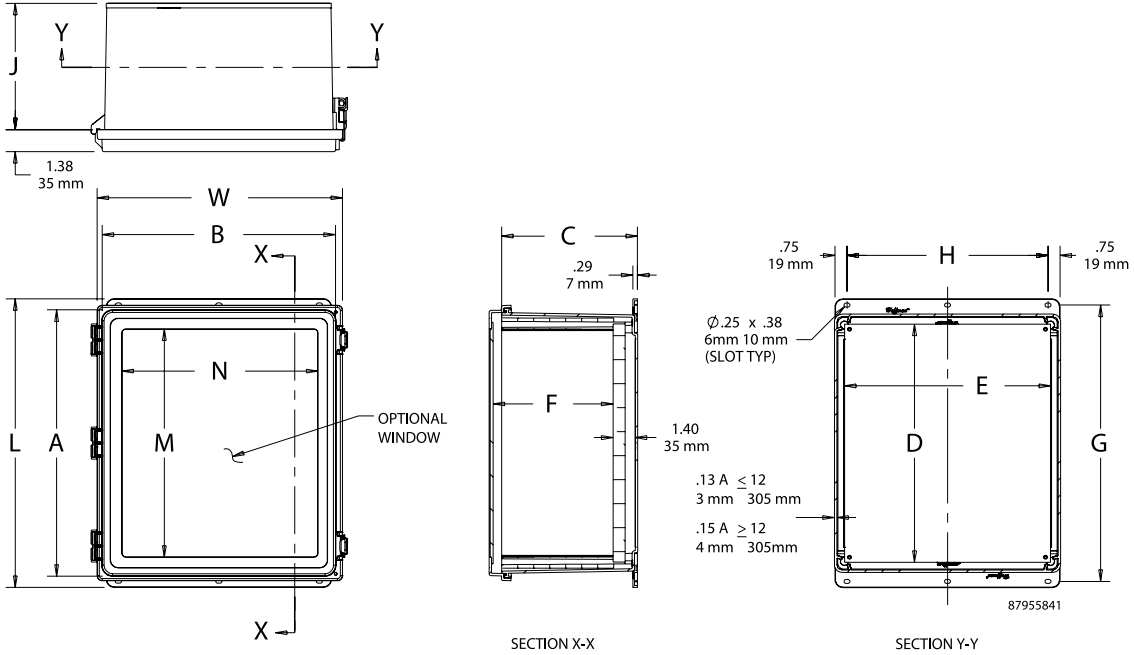
FINISH

Polyester material is RAL 7035 light-gray textured finish inside and out

BULLETIN: DWS12

Standard Product

Catalog Number	AxBxC in./mm	Door Type	Panel Size D x E in./mm	F in./mm	G in./mm	H in./mm	J in./mm	L in./mm	M in./mm	N in./mm	W in./mm
D664WF	6.12 x 6.12 x 4.38	Solid	4.88 x 2.88	4.32	7.38	2.56	3.91	8.15	—	—	5.23
	155 x 155 x 111		124 x 73	110	187	65	99	207	—	—	133
D664WFW	6.12 x 6.12 x 4.38	Window	4.88 x 2.88	4.32	7.38	2.56	3.91	8.15	4.25	2.25	5.23
	155 x 155 x 111		124 x 73	110	187	65	99	207	108	57	133
D16148WF	16.12 x 14.01 x 8.35	Solid	14.75 x 12.88	8.27	17.27	12.56	7.91	18.04	—	—	15.32
	409 x 356 x 212		375 x 327	210	439	319	201	458	—	—	389
D16148WFW	16.12 x 14.01 x 8.35	Window	14.75 x 12.88	8.27	17.27	12.56	7.91	18.04	14.25	12.25	15.32
	409 x 356 x 212		375 x 327	210	439	319	201	458	362	311	389

OPTIONAL WINDOW

SECTION X-X

SECTION Y-Y

Ø .25 x .38
6mm 10 mm
(SLOT TYP)

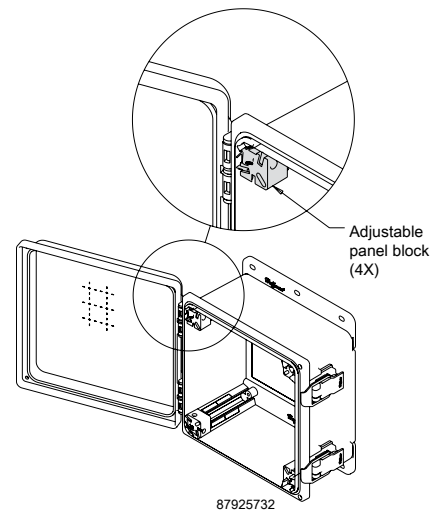.13 A ≤ 12
3 mm   305 mm

.15 A ≥ 12
4 mm   305mm

87955841

ADJUSTABLE PANEL BLOCK KIT

Panel blocks slide inside POLYPRO internal rail system for panel height adjustment within top 5 in. of enclosure. Allows for installation of multiple panels.

BULLETIN: PCRY

Catalog Number	Qty.
APNLBLK	4

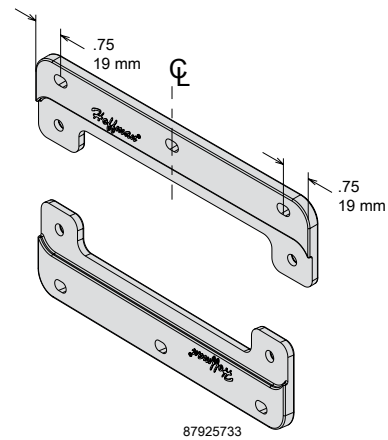Includes Allen wrench

Adjustable panel block (4X)

87925732

POLYESTER MOUNTING BRACKET KITS

Replacement POLYPRO mounting brackets are sold in sets of two and include hardware for mounting to enclosure.
Included with standard POLYPRO models.

BULLETIN: PCRY

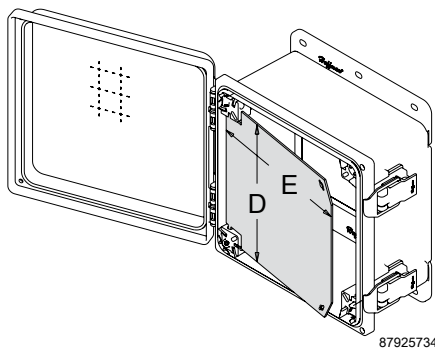| Catalog Number	Description (in.)	Qty.
APOLYFT4	4.00	2
APOLYFT6	6.00	2
APOLYFT8	8.00	2
APOLYFT10	10.00	2
APOLYFT12	12.00	2
APOLYFT14	14.00	2
APOLYFT16	16.00	2

.75
19 mm

.75
19 mm

87925733

ALUMINUM SWING-OUT PANELS

Includes four POLYPRO Adjustable Panel Blocks. No enclosure modification is required for installation.

BULLETIN: PCRY

Catalog Number	D x E (in.)	D x E (mm)
A64PSWPNL	5.00 x 3.62	127 x 92
A66PSWPNL	5.00 x 5.62	127 x 143
A86PSWPNL	7.00 x 5.62	178 x 143
A88PSWPNL	7.00 x 7.62	178 x 194
A108PSWPNL	9.00 x 7.62	229 x 194
A1010PSWPNL	9.00 x 9.62	229 x 244
A1210PSWPNL	11.00 x 9.62	279 x 244
A1412PSWPNL	13.00 x 11.62	330 x 295
A1614PSWPNL	15.00 x 13.62	381 x 346
A1816PSWPNL	17.00 x 15.62	432 x 397

87925734

SUBJECT TO CHANGE WITHOUT NOTICE

EQUIPMENT PROTECTION SOLUTIONS
Spec-00573 B

STAINLESS STEEL LATCHES (PADLOCKABLE)

Stainless Steel Latches can be retrofitted on all POLYPRO models with no modification or drilling required. Hinge/latch constructed of corrosion-resistant polyester with a Type 316L stainless steel bail.
Included with standard POLYPRO models.

BULLETIN: PCRY

Catalog Number	Qty.
AQRLSS6	2

HINGE RETAINERS

Hinge Retainers can be field-installed without modification to POLYPRO hinges for applications where easy cover removal is not desired. Two retainers per enclosure is recommended. Kit includes ten hinge retainers.

BULLETIN: PCRY

Catalog Number	Description	Pkg. Qty.
AHGCLP	POLYPRO Hinge Retainers	10