

EnviroArmour® WATERPROOF ENCLOSURES



PRODUCT OVERVIEW

Non-metallic lockable polycarbonate or fiberglass enclosures for remote annunciators, fire alarm control panels or other electronic products which require physical or environmental protection. Helps guard against vandalism (accidental or intentional), as well as dirt, dust and grime. Covers are lockable or offer a screw-down door. Available with AC and/or heat, pressure compensation vents, filter fans or drain vent.

HOW THEY WORK

Enclosures are constructed of tough polycarbonate or fiberglass material which allows the unit within to be protected yet accessible. Many sizes are available with several ventilation options. Choices include a tinted or opaque hinged removable door, a lockable draw-down latch or a screw-down door. Available mounting panels offer easy

KEY FEATURES

General Information

- Made in the U.S.A.
- Three year guarantee against breakage of polycarbonate in normal use (one year on electro mechanical and electronic components).

Design

- Polycarbonate models have opaque or tinted hinged door. Fiberglass models have opaque or clear window door.
- Removable door.
- Draw-down latch.
- Lockable or screw-down door.
- Soft rounded edges.

Construction

- Non-metallic tough polycarbonate or fiberglass.
- UV resistant.
- Brass threaded inserts for inner panel mounting.
- Window on fiberglass models made of clear polycarbonate.

Installation

- Mounting panels available.

Options

- Polycarbonate or fiberglass.
- Polycarbonate available with opaque or clear tinted door.
- Fiberglass offered with opaque or clear window door.
- Many sizes available.
- Ventilation options:
 - A/C
 - Heat
 - A/C with heat
 - Pressure compensation vents
 - Filter fans
 - Drain vent

EnviroArmour® Build Your Model

E

Series
F = Fiberglass
P = Polycarbonate

Size (H x W x D)

Fiberglass*	Polycarbonate
060604	060605
080604	080605
080804	080805
100806	100806
121006	100807
141206	101006
141208	121007
161408	141207
181610	161409
201610	181604
	181611
	201608
	242410

Door Style
O = Opaque
T = Tinted (polycarbonate only)
W = Window (fiberglass only)

Optional Accessories* (fit chart below)
None = Leave blank
2 = Air Conditioner w/ Heat - 120VAC, 60Hz, 800 BTU, 100 Watts
3 = NEMA 3R Filter Fan with Filter Vent -120VAC, 60Hz with thermostat
*Call sales for 230VAC models (special order)

*Custom fiberglass sizes available

FIT CHART	
Accessory	Cover Sizes
2	EF181610, EF201610 EP242410
3	EF141208, EF161408, EF181610, EF201610 EP161409, EP181611, EP201608, EP242410

APPROVALS & WARRANTY

TESTING

- Rated UL50 Type 3R, 4, 4X, 6P, 12
- UL/cUL Listed
- IP66

WARRANTY

Three year guarantee against breakage of polycarbonate or fiberglass in normal use (one year on electro mechanical and electronic components).

Additional heater options on page 4.
Filter fan replacement: KIT-530FF.

FIBERGLASS PANELS				
SIZE ID HEIGHT & WIDTH	VARIABLE HT. SWING PANEL	DEAD FRONT SWING PANEL	VARIABLE HT. STATIONARY PANEL	ALUMINUM OR FIBERGLASS BACK PANEL
0606	N/A	N/A	EFVHA0606	BP*0606
0806	EFVSA0806	EFDAFA0806	EFVHA0806	BP*0806
0808	EFVSA0808	EFDAFA0808	EFVHA0808	BP*0808
1008	EFVSA1008	EFDAFA1008	EFVHA1008	BP*1008
1210	EFVSA1210	EFDAFA1210	EFVHA1210	BP*1210
1412	EFVSA1412	EFDAFA1412	EFVHA1412	BP*1412
1614	EFVSA1614	EFDAFA1614	EFVHA1614	BP*1614
1816	EFVSA1816	EFDAFA1816	EFVHA1816	BP*1816
2016	EFVSA2016	EFDAFA2016	EFVHA2016	BP*2016
	REQUIRES CORNER POST KIT AND SWING PANEL BRACKET KIT FOR EACH PANEL		REQUIRES CORNER POST KIT AND STATIONARY PANEL KIT	MOUNTS TO THE BOTTOM TO VARY HEIGHT FOR EACH PANEL USE CORNER POST KIT WITH STATIONARY PANEL BRACKET KIT

*A for Aluminum or F for Fiberglass

POLYCARBONATE PANELS			
SIZE ID HEIGHT & WIDTH	BACK PANEL ALUMINUM	BACK PANEL FIBERGLASS	BACK PANEL POLYCARBONATE
0606	BPA0606	BPF0606	N/A
0806	BPA0806	BPF0806	N/A
0808	BPA0808	BPF0808	N/A
1008	BPA1008	BPF1008	N/A
1010	BPA1010	N/A	BPP1010
1210	BPA1210	BPF1210	N/A
1412	BPA1412	BPF1412	N/A
1614	BPA1614	BPF1614	N/A
1816	BPA1816	BPF1816	N/A
2016	BPA2016	BPF2016	N/A
2424	BPA2424	N/A	BPP2424
REQUIRES EPSBKT TO VARY HEIGHT OR CREATE SWING PANEL			

Panel thickness:

BPA2016 .090", BPA2424 .130", all other BPA models .080"

BPF1816 .080", all other BPF models .125"

POLYCARBONATE BRACKET KITS	
EPSPBKT	SWING PANEL MOUNT BRACKETS
EPSNK	SLOT NUT KIT <small>(2) NUTS & (2) SCREWS FOR SIDE PANEL MOUNTING</small>
BRACKET KIT REQUIRED FOR EACH PANEL. CAN USE MULTIPLE PANELS IN AN ENCLOSURE.	

FIBERGLASS BRACKET KITS			
COVER DEPTH	CORNER POST KIT	SWING PANEL BRACKET KIT	STATIONARY PANEL BRACKET KIT
4"	EF4POST	EFSPBKT	EFAPBKT
6"	EF6POST	EFSPBKT	EFAPBKT
8"	EF8POST	EFSPBKT	EFAPBKT
10"	EF10POST	EFSPBKT	EFAPBKT
BRACKET KIT REQUIRED FOR EACH PANEL. CAN USE MULTIPLE PANELS IN AN ENCLOSURE.			

POLE MOUNT BRACKET KITS	
Bracket Part Number	Fits EF and EP Series with horizontal dimension up to:
STI-PMK0608	8 inches
STI-PMK1012	12 inches
STI-PMK1416	16 inches
STI-PMK1824	24 inches

**EnviroArmour® Optional Recommended
Heaters/Thermostats**
AT MIN. AMBIENT TEMP. -20°F (-29°C)

ENCLOSURE	RECOMMENDED HTR W/TSTAT	DIMENSIONS H X W X D
EF060604-O/W	STI-HTR020T	H - 2.95 x 1.16 x 1.77
EP060605-O/T		T - 2.52 x 1.46 x 1.81
EF080604-O/W	STI-HTR030T	H - 2.95 x 1.16 x 1.77 T - 2.52 x 1.46 x 1.81
EF080804-O/W		
EF100806-O/W		
EP080605-O/T		
EP080805-O/T		
EP100806-O/T		
EP100807-O/T		
EP101006-O/T		
EF121006-O/W	STI-HTR045T	H - 3.94 x 2.76 x 1.97
EP121007-O/T		T - 2.52 x 1.46 x 1.81
EF141206-O/W	STI-HTR060T	H - 6.89 x 2.76 x 1.97 T - 2.52 x 1.46 x 1.81
EF141208-O/W		
EP141207-O/T		
EF161408-O/W	STI-HTR075T	H - 6.89 x 2.76 x 1.97 T - 2.52 x 1.46 x 1.81
EP161409-O/T		
EP181604-O/T		
EF181610-O/W	STI-HTR100T	H - 6.89 x 2.76 x 1.97 T - 2.52 x 1.46 x 1.81
EF201610-O/W		
EP181611-O/T		
EP201608-O/T		
EP242410-O/T	STI-HTR150T	H - 6.89 x 2.76 x 1.97 T - 2.52 x 1.46 x 1.81
	STI-HTR200T	H - 5.59 x 3.46 x 5.47

ACCESSORIES FOR ALL ENCLOSURES	
*STI-TSTAT510F	Double Throw Thermostat 32-140°F
*STI-TSTAT541F	Dual Thermostat for Fan & Heater 32-140°F
*STI-TSTAT542F	Dual Thermostat for Heater/Alarm 32-140°F NC/NC
*STI-TSTAT543F	Dual Thermostat for Fan/Alarm 32-140°F NO/NO
KIT-BV4X	NEMA 4X BREATHER VENT
KIT-DV4X	NEMA 4X DRAIN VENT
KIT-PRTPKT	PLASTIC PRINT PACKET 9.3" x 10.4" x 1.2
KIT-LPK3	LOUVER PLATE VENT
KIT-R08604	REPLACEMENT FILTERS (only for enclosures using NEMA 3R filter fan with filter vent)
KIT-REV60	SMALL VENT
KIT-REV80	LARGE VENT
KIT-HP-	1/2" & 3/4" CONDUIT HOLE RANGE (22mm - 30mm PB)

*Celsius models also available.

Call sales for other heater, hygrostat, and thermostat options



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