

LEADING THE WAY IN POLYCARBONATE ENCLOSURES



POLYCARBONATE & NON-METALLIC ENCLOSURES

INTEGRA GIVES YOU AN EDGE IN PROTECTION



POLYCARBONATE FEATURES & BENEFITS

- Improved Impact Resistance
- Lighter Weight
- Greater UV Resistance
- Ease of Modification
- More Eco-Friendly
- Rarely Damaged from Shipping & Handling



Integra's enclosure is not like anyone else's. Our superior design, including our use of polycarbonate material, provides an enclosure that is durable, seals tight, supports easy component installation, and looks great.

Integra also maintains an extensive, on hand inventory to support your delivery.

Superior design, fast shipment, and competitive pricing are three benefits that make Integra Enclosures a smart choice for your electrical and telecommunication enclosure needs.

Call us at 440.269.4966 or visit our website www.integraenclosures.com to learn more about Integra Enclosures.

- UL / c-UL Listed
- NEMA 4X, 6P, 12, 13 & Marine Use
- Patent No. 6,604,798
- CE & IP 66/68 Protection
- RoHS
- ATEX (contact factory)



POLYCARBONATE, THE BETTER TECHNOLOGY.



Technology continues to improve at a very rapid pace. The ability to send and receive information has greatly improved the ability to monitor or control all sorts of applications, creating more applications needing a more advanced electrical enclosure. Just as

electronics has evolved, so has enclosure technology. Polycarbonate represents the next step in the evolution of technology for outdoor, wireless, wastewater treatment, solar, broadband over powerline (BPL), smart grid, and all the traditional non-metallic applications.



POLYCARBONATE APPLICATIONS

Polycarbonate enclosures are a superior choice for a wide range of outdoor applications and environments:

- Remote Monitoring For remote placement of monitoring or networking devices/components
- Alternative Energy From solar to wind, keep systems safe from the environment
- Water Treatment Water/wastewater treatment and sprinkler systems are well-protected in polycarbonate
- Utility & Electrical Utility applications that are housed outdoor are ideally enclosed in polycarbonate
- Marine & Marina Whether on-ship or at the dock, guard against corrosive salt water and sun

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THE UNSURPASSED ADVANTAGES OF POLYCARBONATE ENCLOSURES



UV Protection

Fiberglass enclosures will "bloom" when exposed to sunlight and moisture. In fact, manufacturers of FRP

enclosures recommend painting their products. This is not necessary with Integra thermoplastic enclosures.

Outdoor UV exposure ratings for both the Premium and Impact lines are F1. See Engineering Properties on page 48 for more details.



Impact Resistance The engineered thermoplastic

enclosure has dramatically

better impact resistance. For example, fiberglass typically has an impact resistance of less than 220 lb/in, while the Premium and Impact line enclosures have an impact resistance of over 900 lb/in.



Ease Of Modification

Thermoplastic enclosures are much easier and safer to machine, with none of the dust and splintering associated with fiberglass.

THE INTEGRA STORY



Why Integra

If you are working on a new design that requires a NEMA 12/4X/6P, UL listed enclosure, here are some reasons you will want to consider Integra...

- Our aesthetics will provide a unique new look for your products, making them stand out from the competition.
- At Integra, all we do is thermoplastic enclosures. We are focused on your specific requirements.
- Integra offers a full range of modification services, delivering enclosures to you ready to install components.
- Available factory-direct, Integra enclosures are shipped on your schedule.



Manufactured, Assembled and stocked in Mentor, OH, USA

Integra Enclosures manufactures and markets engineered thermoplastic enclosures designed for use in electrical construction, water treatment, car wash, telecommunication, instrumentation, utility, machine building, HVAC, or any other application requiring enclosures which are non-corrosive, nonconductive, easy to install and modify, and competitively priced.

Integra Premium Line Enclosures all share the patented Integra Panel Suspension System which allows infinite range of motion of a panel within the enclosure. This feature, along with several other design improvements over existing products, makes Integra an exciting alternative to the traditional suppliers in the market.

Offering the best designs coupled with superior customer service, Integra is uniquely positioned to serve your enclosure needs.







THE MOST WELL THOUGHT OUT **ENCLOSURE AVAILABLE**

Super versatile, the enclosure panel suspension system in all of the Premium Line enclosures offers unsurpassed options for mounting back panels, face plates, circuit boards or any other component that needs to be secured. This feature, along with a wide selection of off-the-shelf accessories, allows extreme customization using standard products. Additional features:

- · Rear-mounting bosses
- Swing panel
- · Foot or flange mounting
- Clear lids
- Removable enclosure door
- Panel suspension
- DIN rails pre-cut for each enclosure size
- · Vents for air flow
- Many other options

FACTORY MODIFICATIONS.

OUR PRODUCT, THE WAY YOU LIKE IT.



At Integra, most of our customers prefer to let us modify their enclosures prior to shipment on our CNC Machines. Drawings of all standard products are available for downloadable off the Integra website.

Our newly-expanded manufacturing facility can handle your needs for:

- Drilling Holes
- · CNC machine cut outs
- Silkscreen
- · Graphic panels
- · Custom enclosures
- · Custom colors (minimum quantity)
- · Custom back panels



STANDARD PRODUCTS



MODIFIED PRODUCTS



SPECIAL PRODUCTS



CUSTOM PRODUCTS Minimum quantity may apply









POLYCARBONATE & FIBERGLASS, WHICH IS BETTER?

Feature	Polycarbonate Fiberglass	
Impact resistance		The average fiberglass enclosure tensile strength is approximately 220 in/lb. Polycarbonate has a tensile strength of 900 in/lb. Polycarbonate is over 4 times the impact resistance of fiberglass.
Weight		Whether it is saving on shipping cost or the ability for one person to carry and install a product in an enclosure, weight is increasingly important. Polycarbonate is up to 40% lighter than fiberglass.
UV resistance		Fiberglass UV protection is offered as a shield or other coating that attempts to protect the fibers from the inevitable deterioration or even failure of the exterior coating. With polycarbonate, the UV inhibitor is in the formulation and is uniformly integral to the enclosure.
Ease of modification		Fiberglass is tough on tools and often chips while machining, leaving sharp, unsightly edges. Also, fiberglass, upon drilling or cutting gives off a very fine dust that is difficult to clean up and is a skin and lung irritant. Integra polycarbonate enclosures are easy to modify, do not give off dust and leave a clean, attractive surface with no sharp edges.
Eco-friendly		Whether during the manufacturing process or at the end of the enclosure's life, fiberglass material cannot be reused and is destined for landfills. Polycarbonate in the manufacturing process or at the end of its usable life is recyclable.
Damage from shipping/handling	g 🚺 🎉	Fiberglass is a very brittle material, to the point that it risks damage anytime it is dropped or mishandled in any way. Because of it's durability, polycarbonate is rarely damaged from shipping or handling.

STOP SETTLING FOR OUTDATED MATERIALS AND UPGRADE TO TODAY'S TECHNOLOGY.

Why stop there? Polycarbonate can be used to replace your steel, stainless steel or aluminum enclosures also. Durable, aesthetically pleasing, pad-lockable, and extremely versatile, Integra Enclosures are an upgrade to all but the most demanding metal enclosure applications.



INTEGRA STANDARD PRODUCTS OFFERING







PREMIUM LINE

- Integra's traditional high impact polycarbonate enclosure offering including eleven sizes from 6x6x4 through 18x16x10
- Light gray in color with high gloss finish
- Available in four configurations including screw cover, hinged w/two screws, hinged w/four screws and hinged with locking latch
- Available in two latch styles, stainless steel (LL) or non-metallic (NL) locking latch
- All sizes and configurations are available in clear or opaque lid
- All sizes and configurations include enclosure foot mount or flange mount system
- Features Integra's unique T-Rail mounting system (brackets are optional) for face plates, swing panels, layering back panels and/or infinitely variable back panel height
- Brass inserts for securing mounting feet or flange, optional back panel and lid
- UL/C-UL-50 listed Nema

 1,2,3,3R,3S,4,4X,5,12,13 and "ST" series and "HT-P" series are Nema

 6/6P, marine use rated

IMPACT LINE

- Integra's more recent high impact polycarbonate enclosure offering including four sizes
- Light gray in color with high gloss finish
- Available in two hinge styles standard or low profile (P9082 standard only)
- Available in multiple latch styles, integrated, stainless steel or non-metallic locking latch (P9082 integrated only)
- Available sizes and styles available in clear or opaque lid
- Integrated mounting flanges
- Advanced interior mounting system for circuit boards, face plates, swing panels, etc.
- Self-tapping screws and molded-in bosses to secure optional back panel
- UL/C-UL-50 listed Nema 1,2,3,3R,3S,4,4X,5,6/6P,12,13 rated (locking latch not 6/6P rated)

GENESIS LINE

- The MULTIple configurations for MAXimum options rail system provide unlimited mounting potential for your application. These rails mount vertically by attaching to the rear wall of the enclosure and to the Multi-Max frame. They can be used all around the interior of the enclosure to create three dimensional use of all of the space inside the enclosure. Uses for these
- A Multi-Max frame ring secures just inside the lip of the base with four Multi Max rails and combines with other molded features to provide un-matched rigidity to the Genesis enclosures.
- The genesis swing panel has an aluminum piano style hinge to support the weight of the typical larger enclosure applications. The swing panel attaches to the Multi Max rails and provides rigid smooth operation
- Multiple Latching Options
 - Three point latch
 - Quarter turn latch
 - Non-metallic latch
- UL/C-UL-50 listed Nema 1,2,3,3R,3S,4,4X,5,12,13 rated

ALL LINES ALSO AVAILABLE IN ABS & PPO (CONSULT FACTORY)

PREMIUM LINE





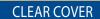
PREMIUM LINE OVERVIEW

- 900 inlb Impact Resistance
 Polycarbonate is known for it's high impact resistance
 and that is why we chose to use it as the material for our Premium Line Enclosures
- Wide Operating Temperature Range
 Polycarbonate is stable and holds it's tensile strength
 better than other non metallic materials over a
 temperature range from -40 deg F to 265 deg F.
- Crystal Clear Covers
 Clear covers are a superior alternative to mechanically affixed window kits.
- EZ Hinge Integra's standard hinges allow easy door removal or replacement while permitting a full 225 degree door swing.
- Unique T-Rail Panel Suspension System
 The optional brackets that attach to the T-Rails allow our customers to mount an individual mounting panel at any height in the enclosure or to even have multiple back panels at different heights. Who says you can't put more into an Integra enclosure?
- Molded in Mounting Bosses
 All of the Premium line enclosures have extra mounting bosses molded into the rear wall to

- permit #10 self tapping screws to secure din rail, circuit board, or any other device or component into the enclosure.
- Latch Securely Attached
 Premium enclosures are available in stainless steel or non-metallic latch options that are bolted in place for a more secure system than pop rivets or slide on latches
- Modifications
 Full modifications services are available at Integra, including machining holes for displays, cable connectors, multi-pin connectors, antennae, etc.
 Call us to discuss your unique requirements.
- Customization
 Custom colors, custom back panels, silk screening, sub assembly of your product, or any other tailoring of our product to your need is our job. (Minimums may apply)
- Packaging Standard packaging is one unit per carton, packed to ensure safe delivery to your location. Or, if you have any special requirements for shipping, call us and we can work to meet your requirements.



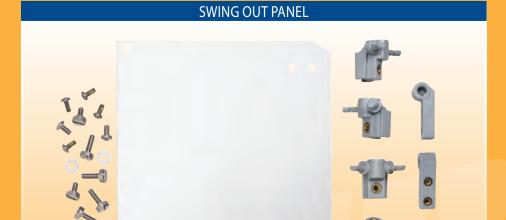






EZ HINGE





DIN RAILS



CUSTOMIZATION



PANEL SUSPENSION



WINDOW KITS



AIR VENTS / FAN SHROUDS



POLE MOUNTING KITS



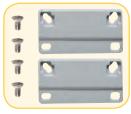
6X6X4 PREMIUM LINE























Atex pending, contact factory for details

PREMIUM POLYCARBONATE ENCLOSURE

Features and Benefits

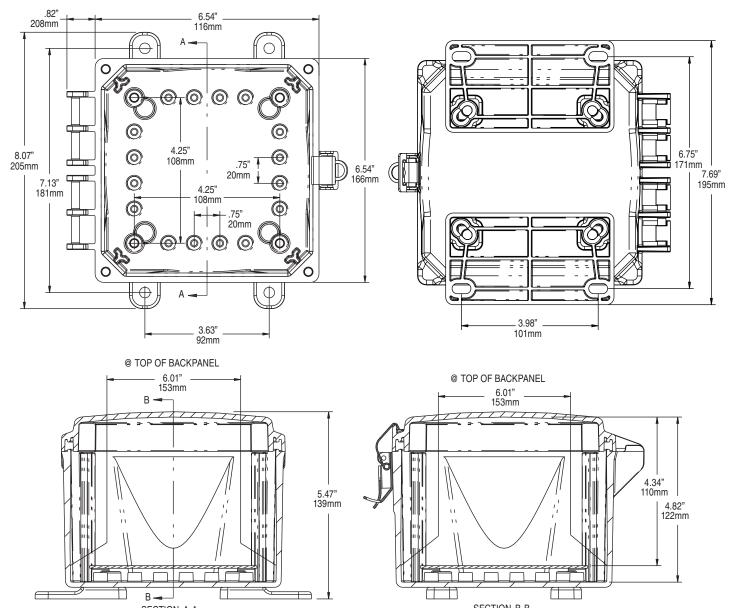
- Standard color light gray with a gloss finish.
- Best material bases, opaque covers and clear covers are all made of high-impact, UV resistant polycarbonate.
- Easy ordering one part number includes base, lid, mounting feet or flanges and all lid fastening hardware (mounting panels sold separately).
- Flexible interior mounting features the unique and patented Integra adjustable depth "T-Rail" back panel mounting system (back panel and adjustable brackets sold separately).
- Features multiple bosses for easy installation of devices and DIN rails.
- UL-50 / c-UL Listed (files # E229365, # E207562)

Our Premium Line enclosures are the most durable, non-metallic Nema UL rated enclosures available. From the extremely versatile mounting options inside the enclosure to having the most off-the-shelf accessories, the Integra "Made In the USA" Premium Line enclosures provide great value to any application.

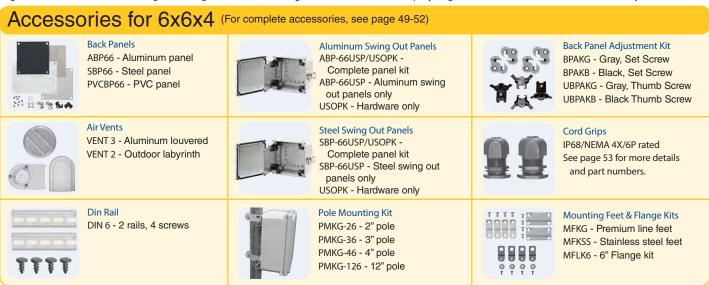
Mechanical and Thermal	Test Spec.	Unit	Premium Line
Instrumented Dart Impact @ 73° F		in/lb.	565
Falling Ball Impact @ 73° F	UL-746	in/lb.	900
Deflection Temperature @ 264 psi	ASTM D648	Deg. F	270
Modulus of Elasticity	ASTM D790	ksi	340
Temperature Range		Deg. F	-40 to 265
Flammable / UV Ratings	Test Spec.	Unit	Premium Line
Flame Rating - UL	UL 94	-	5VA
Outdoor UV Exposure	UL	-	F1

6064 P/N	4X IP66	6P IP68	Hinged Cover	Screw Cover	Opaque Cover	Clear Cover	Mounting Feet	_	Stainless Steel Locking Latch	
H6064S	✓	✓		✓	✓		✓			
H6064SC	✓	✓		✓		✓	✓			
H6064SF	✓	✓		✓	✓			✓		
H6064SCF	✓	✓		✓		✓		✓		
H6064H	✓		✓	✓	✓		✓			
H6064HC	✓		✓	✓		✓	✓			
H6064HF	✓		✓	✓	✓			✓		
H6064HCF	✓		✓	✓		✓		✓		
H6064HLL	✓		✓		✓		✓		✓	
H6064HCLL	✓		✓			✓	✓		✓	
H6064HFLL	✓		✓		✓			✓	✓	
H6064HCFLL	✓		✓			✓		✓	✓	
H6064HNL	✓		✓		✓		✓			✓
H6064HCNL	✓		✓			✓	✓			✓
H6064HFNL	✓		✓		✓			✓		✓
H6064HCFNL	✓		✓			✓		✓		✓
H6064H-6P	✓	✓	✓	✓	✓		✓			
H6064HC-6P	✓	✓	✓	✓		✓	✓			
H6064HF-6P	✓	✓	✓	✓	✓			✓		
H6064HCF-6P	✓	✓	✓	✓		✓		✓		





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8X6X4 PREMIUM LINE









Comes with feet or flanges.







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 $(U_{\mathbb{R}})$







Atex pending, contact factory for details

PREMIUM POLYCARBONATE ENCLOSURE

Features and Benefits

- Standard color light gray with a gloss finish.
- Best material bases, opaque covers and clear covers are all made of high-impact, UV resistant polycarbonate.
- Easy ordering one part number includes base, lid, mounting feet or flanges and all lid fastening hardware (mounting panels sold separately).
- Flexible interior mounting features the unique and patented Integra adjustable depth "T-Rail" back panel mounting system (back panel and adjustable brackets sold separately).
- Features multiple bosses for easy installation of devices and DIN rails.
- UL-50 / c-UL Listed (files # E229365, # E207562)

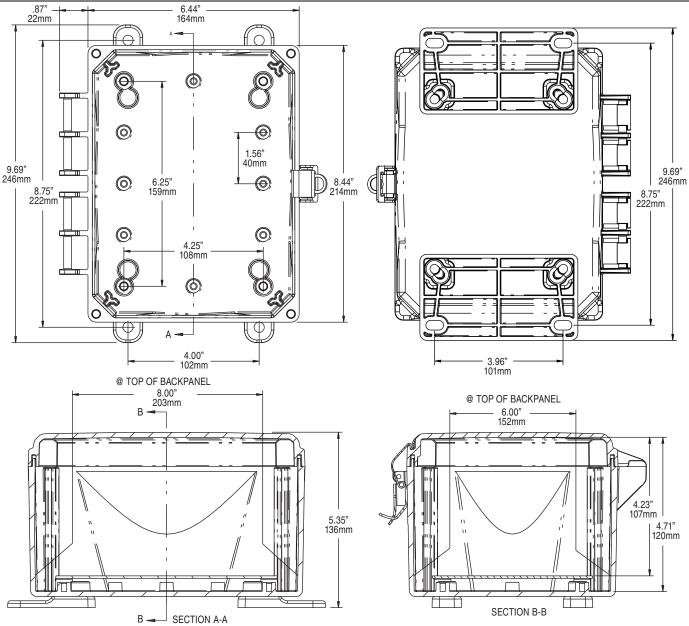
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Deflection Temperature @ 264 psi	ASTM D648	Deg. F	270
Modulus of Elasticity	ASTM D790	ksi	340
Temperature Range		Deg. F	-40 to 265
Flammable / UV Ratings	Test Spec.	Unit	Premium Line
Flame Rating - UL	UL 94	-	5VA
Outdoor UV Exposure	UL	-	F1

8064 P/N	4X IP66	6P IP68	Hinged Cover	Screw Cover	Opaque Cover	Clear Cover	Mounting Feet		Stainless Steel Locking Latch	
H8064S	✓	✓		✓	✓		✓		_	
H8064SC	✓	✓		✓		✓	✓			
H8064SF	✓	✓		✓	✓			✓		
H8064SCF	✓	✓		✓		✓		✓		
H8064H	✓		✓	✓	✓		✓			
H8064HC	✓		✓	✓		✓	✓			
H8064HF	✓		✓	✓	✓			✓		
H8064HCF	✓		✓	✓		✓		✓		
H8064HLL	✓		✓		✓		✓		✓	
H8064HCLL	✓		✓			✓	✓		✓	
H8064HFLL	✓		✓		✓			✓	✓	
H8064HCFLL	✓		✓			✓		✓	✓	
H8064HNL	✓		✓		✓		✓			✓
H8064HCNL	✓		✓			✓	✓			✓
H8064HFNL	✓		✓		✓			✓		✓
H8064HCFNL	✓		✓			✓		✓		✓
H8064H-6P	✓	✓	✓	✓	✓		✓			
H8064HC-6P	✓	✓	✓	✓		✓	✓			
H8064HF-6P	✓	✓	✓	✓	✓			✓		
H8064HCF-6P	✓	✓	✓	✓		✓		✓		



8X6X4 PREMIUM LINE



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Accessories for 8x6x4 (For complete accessories, see page 49-52) **Back Panels Back Panel Adjustment Kit Aluminum Swing Out Panels** ABP86 - Aluminum panel ABP-86USP/USOPK -BPAKG - Gray, Set Screw SBP86 - Steel panel Complete panel kit BPAKB - Black, Set Screw ABP-86USP - Aluminum swing PVCBP86 - PVC panel UBPAKG - Gray, Thumb Screw out panels only UBPAKB - Black Thumb Screw St :: 9 9 5 A USOPK - Hardware only Air Vents **Steel Swing Out Panels Cord Grips** VENT 3 - Aluminum louvered SBP-86USP/USOPK -IP68/NEMA 4X/6P rated Complete panel kit SBP-86USP - Steel swing out VENT 2 - Outdoor labyrinth See page 53 for more details and part numbers. panels only USOPK - Hardware only Din Rail Pole Mounting Kit Mounting Feet & Flange Kits DIN 6 - 2 rails, 4 screws PMKG-26 - 2" pole MFKG - Premium line feet PMKG-36 - 3" pole MFKSS - Stainless steel feet PMKG-46 - 4" pole MFLK6 - 6" Flange kit PMKG-126 - 12" pole 0 0 0 0

8X8X4 PREMIUM LINE













MADE IN THE USA









Atex pending, contact factory for details

PREMIUM POLYCARBONATE ENCLOSURE

Features and Benefits

- Standard color light gray with a gloss finish.
- Best material bases, opaque covers and clear covers are all made of high-impact, UV resistant polycarbonate.
- Easy ordering one part number includes base, lid, mounting feet or flanges and all lid fastening hardware (mounting panels sold separately).
- Flexible interior mounting features the unique and patented Integra adjustable depth "T-Rail" back panel mounting system (back panel and adjustable brackets sold separately).
- Features multiple bosses for easy installation of devices and DIN rails.
- UL-50 / c-UL Listed (files # E229365, # E207562)

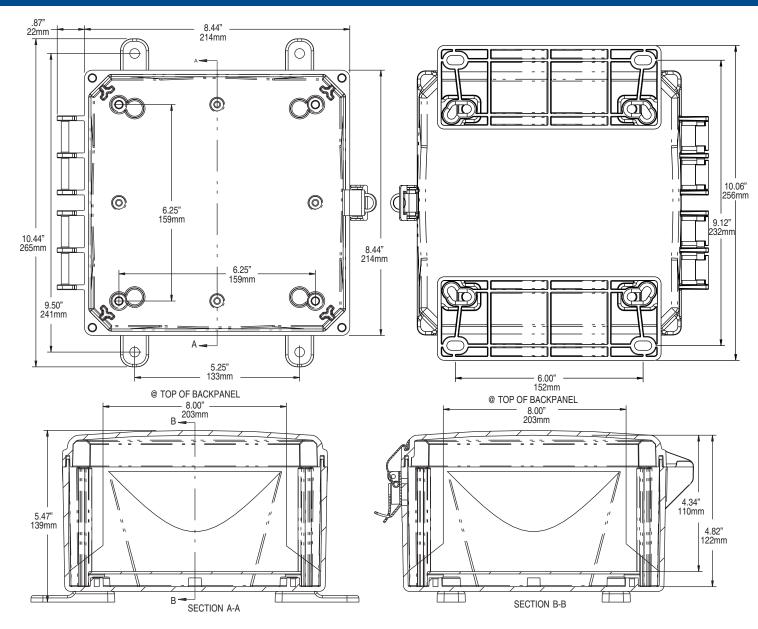
Our Premium Line enclosures are the most durable, non-metallic Nema UL rated enclosures available. From the extremely versatile mounting options inside the enclosure to having the most off-the-shelf accessories, the Integra "Made In the USA" Premium Line enclosures provide great value to any application.

Mechanical and Thermal	Test Spec.	Unit	Premium Line
Instrumented Dart Impact @ 73° F		in/lb.	565
Falling Ball Impact @ 73° F	UL-746	in/lb.	900
Deflection Temperature @ 264 psi	ASTM D648	Deg. F	270
Modulus of Elasticity	ASTM D790	ksi	340
Temperature Range		Deg. F	-40 to 265
Flammable / UV Ratings	Test Spec.	Unit	Premium Line
Flame Rating - UL	UL 94	-	5VA
Outdoor UV Exposure	UL	-	F1

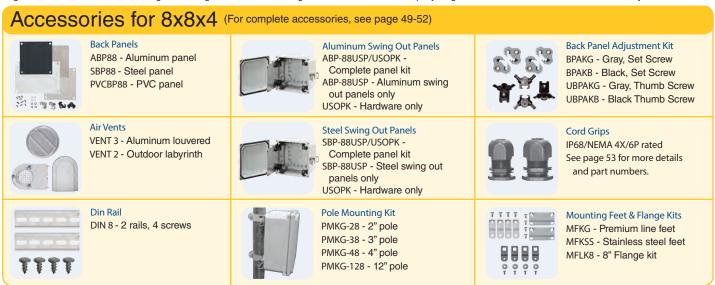
8084 P/N	4X IP66	6P IP68	Hinged Cover	Screw Cover	Opaque Cover	Clear Cover	Mounting Feet		Stainless Steel Locking Latch	
H8084S	✓	✓		✓	✓		✓			
H8084SC	✓	✓		✓		✓	✓			
H8084SF	✓	✓		✓	✓			✓		
H8084SCF	✓	✓		✓		✓		✓		
H8084H	✓		✓	✓	✓		✓			
H8084HC	✓		✓	✓		✓	✓			
H8084HF	✓		✓	✓	✓			✓		
H8084HCF	✓		✓	✓		✓		✓		
H8084HLL	✓		✓		✓		✓		✓	
H8084HCLL	✓		✓			✓	✓		✓	
H8084HFLL	✓		✓		✓			✓	✓	
H8084HCFLL	✓		✓			✓		✓	✓	
H8084HNL	✓		✓		✓		✓			✓
H8084HCNL	✓		✓			✓	✓			✓
H8084HFNL	✓		✓		✓			✓		✓
H8084HCFNL	✓		✓			✓		✓		✓
H8084H-6P	✓	✓	✓	✓	✓		✓			
H8084HC-6P	✓	✓	✓	✓		✓	✓			
H8084HF-6P	✓	✓	✓	✓	✓			✓		
H8084HCF-6P	✓	✓	✓	✓		✓		✓		



8X8X4 PREMIUM LINE



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10X8X2 PREMIUM LINE











Comes with feet or flanges









Atex pending, contact factory for details

PREMIUM POLYCARBONATE ENCLOSURE

Features and Benefits

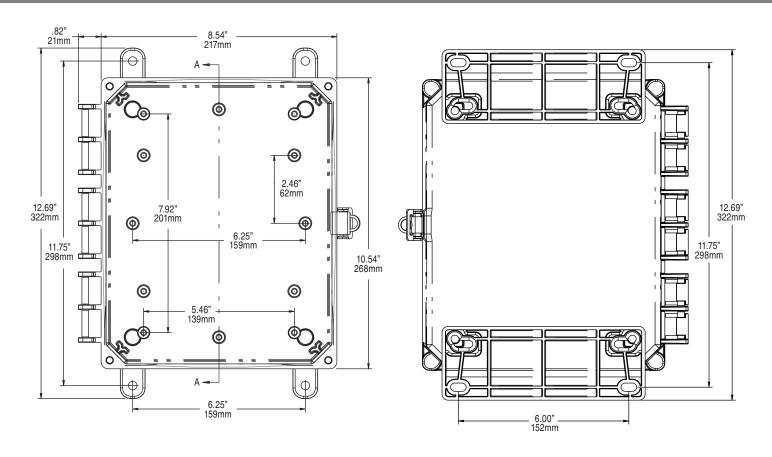
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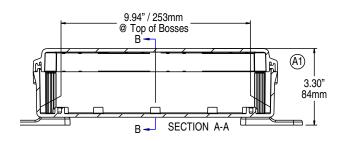
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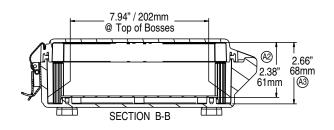
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Temperature Range		Deg. F	-40 to 265
Flammable / UV Ratings	Test Spec.	Unit	Premium Line
Flame Rating - UL	UL 94	-	5VA
Outdoor UV Exposure	UL	-	F1

10082 P/N	4X IP66	6P IP68	Hinged Cover	Screw Cover	Opaque Cover	Clear Cover	Mounting Feet		Stainless Steel Locking Latch	
H10082S	✓	✓		✓	✓		✓			
H10082SC	✓	✓		✓		✓	✓			
H10082SF	✓	✓		✓	✓			✓		
H10082SCF	✓	✓		✓		✓		✓		
H10082H	✓		✓	✓	✓		✓			
H10082HC	✓		✓	✓		✓	✓			
H10082HF	✓		✓	✓	✓			✓		
H10082HCF	✓		✓	✓		✓		✓		
H10082HLL	✓		✓		✓		✓		✓	
H10082HCLL	✓		✓			✓	✓		✓	
H10082HFLL	✓		✓		✓			✓	✓	
H10082HCFLL	✓		✓			✓		✓	✓	
H10082HNL	✓		✓		✓		✓			✓
H10082HCNL	✓		✓			✓	✓			✓
H10082HFNL	✓		✓		✓			✓		✓
H10082HCFNL	✓		✓			✓		✓		✓
H10082H-6P	✓	✓	✓	✓	✓		✓			
H10082HC-6P	✓	✓	✓	✓		✓	✓			
H10082HF-6P	✓	✓	✓	✓	✓			✓		
H10082HCF-6P	✓	✓	✓	✓		✓		✓		









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Accessories for 10x8x2 (For complete accessories, see page 49-52) **Back Panels Back Panel Adjustment Kit Aluminum Swing Out Panels** ABP1082 - Aluminum panel ABP-108USP/USOPK -BPAKG - Gray, Set Screw SBP1082 - Steel panel Complete panel kit BPAKB - Black, Set Screw ABP-108USP - Aluminum swing PVCBP1082 - PVC panel UBPAKG - Gray, Thumb Screw out panels only UBPAKB - Black Thumb Screw St :: 9 9 5 A USOPK - Hardware only Air Vents **Steel Swing Out Panels Cord Grips** VENT 3 - Aluminum louvered SBP-108USP/USOPK -IP68/NEMA 4X/6P rated VENT 2 - Outdoor labyrinth Complete panel kit See page 53 for more details BSP-108USP - Steel swing out and part numbers. panels only USOPK - Hardware only Din Rail Pole Mounting Kit Mounting Feet & Flange Kits DIN 8 - 2 rails, 4 screws PMKG-28 - 2" pole MFKG - Premium line feet PMKG-38 - 3" pole MFKSS - Stainless steel feet PMKG-48 - 4" pole MFLK8 - 8" Flange kit PMKG-128 - 12" pole 0 0 0 0

10X8X4 PREMIUM LINE













Comes with feet or flanges.









Atex pending, contact factory for details

PREMIUM POLYCARBONATE ENCLOSURE

Features and Benefits

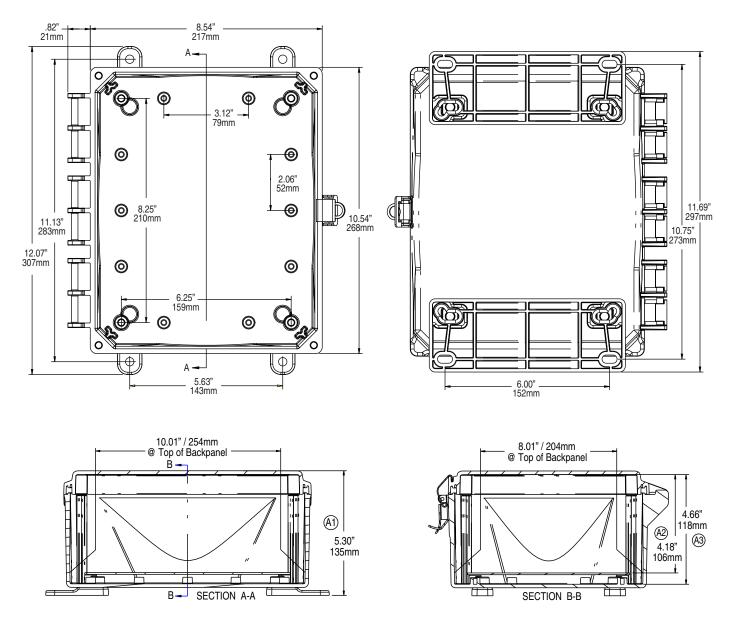
- Standard color light gray with a gloss finish.
- Best material bases, opaque covers and clear covers are all made of high-impact, UV resistant polycarbonate.
- Easy ordering one part number includes base, lid, mounting feet or flanges and all lid fastening hardware (mounting panels sold separately).
- Flexible interior mounting features the unique and patented Integra adjustable depth "T-Rail" back panel mounting system (back panel and adjustable brackets sold separately).
- Features multiple bosses for easy installation of devices and DIN rails.
- UL-50 / c-UL Listed (files # E229365, # E207562)

Our Premium Line enclosures are the most durable, non-metallic Nema UL rated enclosures available. From the extremely versatile mounting options inside the enclosure to having the most off-the-shelf accessories, the Integra "Made In the USA" Premium Line enclosures provide great value to any application.

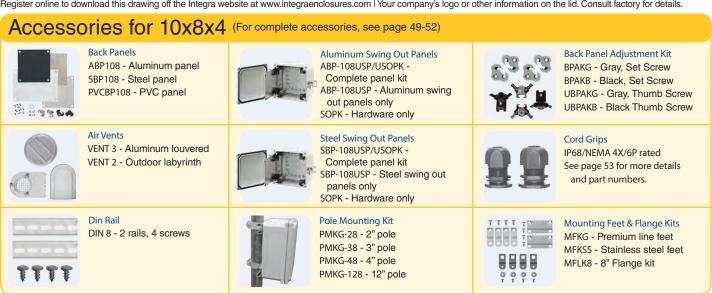
Mechanical and Thermal	Test Spec.	Unit	Premium Line
Instrumented Dart Impact @ 73° F		in/lb.	565
Falling Ball Impact @ 73° F	UL-746	in/lb.	900
Deflection Temperature @ 264 psi	ASTM D648	Deg. F	270
Modulus of Elasticity	ASTM D790	ksi	340
Temperature Range		Deg. F	-40 to 265
Flammable / UV Ratings	Test Spec.	Unit	Premium Line
Flame Rating - UL	UL 94	-	5VA
Outdoor UV Exposure	UL	-	F1

10084 P/N	4X IP66	6P IP68	Hinged Cover	Screw Cover	Opaque Cover	Clear Cover	Mounting Feet		Stainless Steel Locking Latch	
H10084S	✓	✓		✓	✓		✓			
H10084SC	✓	✓		✓		✓	✓			
H10084SF	✓	✓		✓	✓			✓		
H10084SCF	✓	✓		✓		✓		✓		
H10084H	✓		✓	✓	✓		✓			
H10084HC	✓		✓	✓		✓	✓			
H10084HF	✓		✓	✓	✓			✓		
H10084HCF	✓		✓	✓		✓		✓		
H10084HLL	✓		✓		✓		✓		✓	
H10084HCLL	✓		✓			✓	✓		✓	
H10084HFLL	✓		✓		✓			✓	✓	
H10084HCFLL	✓		✓			✓		✓	✓	
H10084HNL	✓		✓		✓		✓			✓
H10084HCNL	✓		✓			✓	✓			✓
H10084HFNL	✓		✓		✓			✓		✓
H10084HCFNL	✓		✓			✓		✓		✓
H10084H-6P	✓	✓	✓	✓	✓		✓			
H10084HC-6P	✓	✓	✓	✓		✓	✓			
H10084HF-6P	✓	√	✓	✓	✓			✓		
H10084HCF-6P	✓	✓	✓	✓		✓		✓		





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10X8X6 PREMIUM LINE













Comes with feet or flanges.









Atex pending, contact factory for details

PREMIUM POLYCARBONATE ENCLOSURE

Features and Benefits

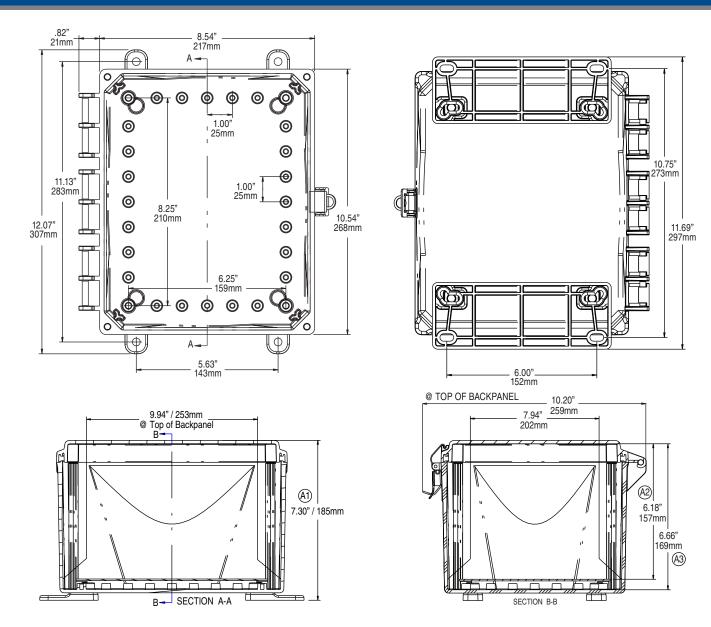
- Standard color light gray with a gloss finish.
- Best material bases, opaque covers and clear covers are all made of high-impact, UV resistant polycarbonate.
- Easy ordering one part number includes base, lid, mounting feet or flanges and all lid fastening hardware (mounting panels sold separately).
- Flexible interior mounting features the unique and patented Integra adjustable depth "T-Rail" back panel mounting system (back panel and adjustable brackets sold separately).
- Features multiple bosses for easy installation of devices and DIN rails.
- UL-50 / c-UL Listed (files # E229365, # E207562)

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Mechanical and Thermal	Test Spec.	Unit	Premium Line
Instrumented Dart Impact @ 73° F		in/lb.	565
Falling Ball Impact @ 73° F	UL-746	in/lb.	900
Deflection Temperature @ 264 psi	ASTM D648	Deg. F	270
Modulus of Elasticity	ASTM D790	ksi	340
Temperature Range		Deg. F	-40 to 265
Flammable / UV Ratings	Test Spec.	Unit	Premium Line
Flame Rating - UL	UL 94	-	5VA
Outdoor UV Exposure	UL	-	F1

10086 P/N	4X IP66	6P IP68	Hinged Cover	Screw Cover	Opaque Cover	Clear Cover	Mounting Feet		Stainless Steel Locking Latch	
H10086S	✓	✓		✓	✓		✓			
H10086SC	✓	✓		✓		✓	✓			
H10086SF	✓	✓		✓	✓			✓		
H10086SCF	✓	✓		✓		✓		✓		
H10086H	✓		✓	✓	✓		✓			
H10086HC	✓		✓	✓		✓	✓			
H10086HF	✓		✓	✓	✓			✓		
H10086HCF	✓		✓	✓		✓		✓		
H10086HLL	✓		✓		✓		✓		✓	
H10086HCLL	✓		✓			✓	✓		✓	
H10086HFLL	✓		✓		✓			✓	✓	
H10086HCFLL	✓		✓			✓		✓	✓	
H10086HNL	✓		✓		✓		✓			✓
H10086HCNL	✓		✓			✓	✓			✓
H10086HFNL	✓		✓		✓			✓		✓
H10086HCFNL	✓		✓			✓		✓		✓
H10086H-6P	✓	✓	✓	✓	✓		✓			
H10086HC-6P	✓	✓	✓	✓		✓	✓			
H10086HF-6P	✓	✓	✓	✓	✓			✓		
H10086HCF-6P	✓	✓	✓	✓		✓		✓		





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12X10X4 PREMIUM LINE













MADE IN









Atex pending, contact factory for details

PREMIUM POLYCARBONATE ENCLOSURE

Features and Benefits

- Standard color light gray with a gloss finish.
- Best material bases, opaque covers and clear covers are all made of high-impact, UV resistant polycarbonate.
- Easy ordering one part number includes base, lid, mounting feet or flanges and all lid fastening hardware (mounting panels sold separately).
- Flexible interior mounting features the unique and patented Integra adjustable depth "T-Rail" back panel mounting system (back panel and adjustable brackets sold separately).
- Features multiple bosses for easy installation of devices and DIN rails.
- UL-50 / c-UL Listed (files # E229365, # E207562)

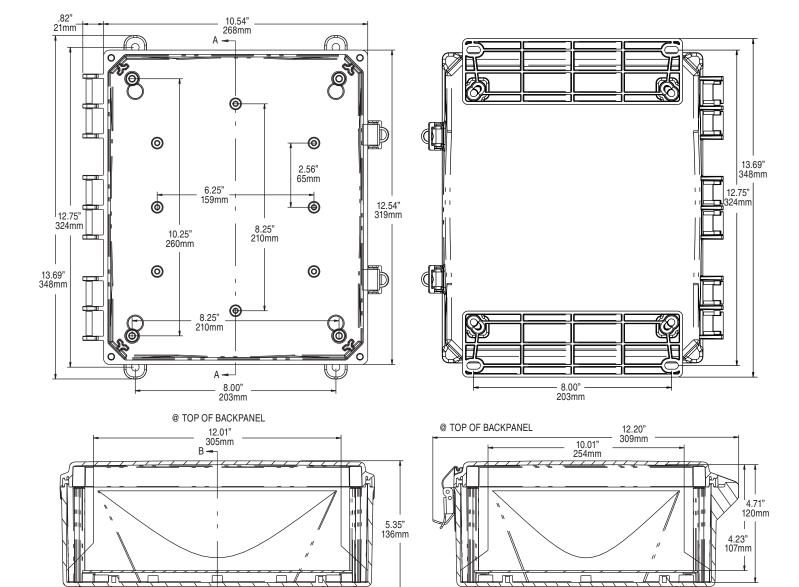
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Mechanical and Thermal	Test Spec.	Unit	Premium Line
Instrumented Dart Impact @ 73° F		in/lb.	565
Falling Ball Impact @ 73° F	UL-746	in/lb.	900
Deflection Temperature @ 264 psi	ASTM D648	Deg. F	270
Modulus of Elasticity	ASTM D790	ksi	340
Temperature Range		Deg. F	-40 to 265
Flammable / UV Ratings	Test Spec.	Unit	Premium Line
Flame Rating - UL	UL 94	-	5VA
Outdoor UV Exposure	UL	-	F1

12104 P/N	4X IP66	6P IP68	Hinged Cover	Screw Cover	Opaque Cover	Clear Cover	Mounting Feet		Stainless Steel Locking Latch	
H12104S	✓	✓		✓	✓		✓			
H12104SC	✓	✓		✓		✓	✓			
H12104SF	✓	✓		✓	✓			✓		
H12104SCF	✓	✓		✓		✓		✓		
H12104H	✓		✓	✓	✓		✓			
H12104HC	✓		✓	✓		✓	✓			
H12104HF	✓		✓	✓	✓			✓		
H12104HCF	✓		✓	✓		✓		✓		
H12104HLL	✓		✓		✓		✓		✓	
H12104HCLL	✓		✓			✓	✓		✓	
H12104HFLL	✓		✓		✓			✓	✓	
H12104HCFLL	✓		✓			✓		✓	✓	
H12104HNL	✓		✓		✓		✓			✓
H12104HCNL	✓		✓			✓	✓			✓
H12104HFNL	✓		✓		✓			✓		✓
H12104HCFNL	✓		✓			✓		✓		✓
H12104H-6P	✓	✓	✓	✓	✓		✓			
H12104HC-6P	✓	✓	✓	✓		✓	✓			
H12104HF-6P	✓	✓	✓	✓	✓			✓		
H12104HCF-6P	✓	✓	✓	✓		✓		✓		

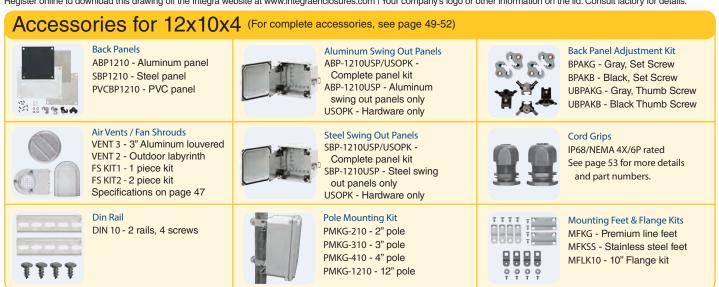
12X10X4 PREMIUM LINE

SECTION B-B



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B - SECTION A-A

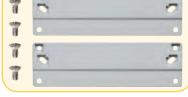


12X10X6 PREMIUM LINE



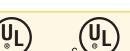








ECO FRIENDLY







Atex pending, contact factory for details

PREMIUM POLYCARBONATE ENCLOSURE

Features and Benefits

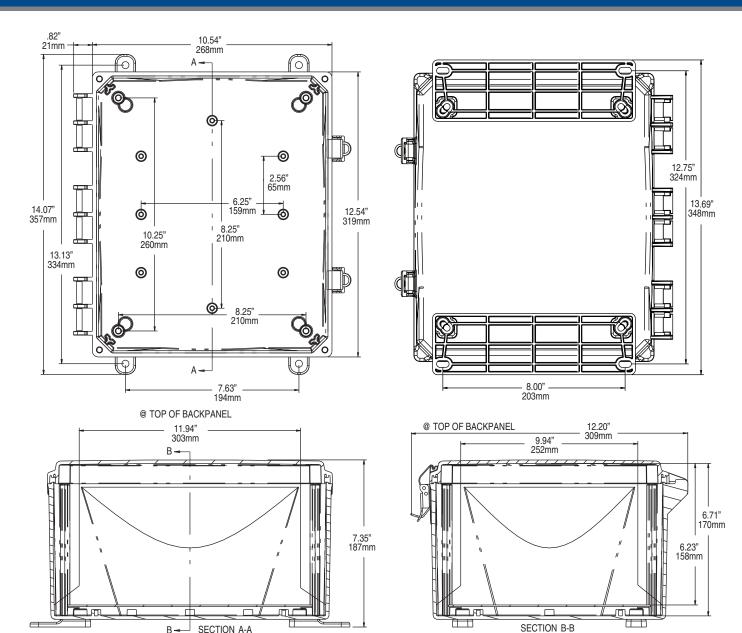
- Standard color light gray with a gloss finish.
- Best material bases, opaque covers and clear covers are all made of high-impact, UV resistant polycarbonate.
- Easy ordering one part number includes base, lid, mounting feet or flanges and all lid fastening hardware (mounting panels sold separately).
- Flexible interior mounting features the unique and patented Integra adjustable depth "T-Rail" back panel mounting system (back panel and adjustable brackets sold separately).
- Features multiple bosses for easy installation of devices and DIN rails.
- UL-50 / c-UL Listed (files # E229365, # E207562)

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Mechanical and Thermal	Test Spec.	Unit	Premium Line
Instrumented Dart Impact @ 73° F		in/lb.	565
Falling Ball Impact @ 73° F	UL-746	in/lb.	900
Deflection Temperature @ 264 psi	ASTM D648	Deg. F	270
Modulus of Elasticity	ASTM D790	ksi	340
Temperature Range		Deg. F	-40 to 265
Flammable / UV Ratings	Test Spec.	Unit	Premium Line
Flame Rating - UL	UL 94	-	5VA
Outdoor UV Exposure	UL	-	F1

12106 P/N	4X IP66	6P IP68	Hinged Cover	Screw Cover	Opaque Cover	Clear Cover	Mounting Feet		Stainless Steel Locking Latch	
H12106S	✓	✓		✓	✓		✓			
H12106SC	✓	✓		✓		✓	✓			
H12106SF	✓	✓		✓	✓			✓		
H12106SCF	✓	✓		✓		✓		✓		
H12106H	✓		✓	✓	✓		✓			
H12106HC	✓		✓	✓		✓	✓			
H12106HF	✓		✓	✓	✓			✓		
H12106HCF	✓		✓	✓		✓		✓		
H12106HLL	✓		✓		✓		✓		✓	
H12106HCLL	✓		✓			✓	✓		✓	
H12106HFLL	✓		✓		✓			✓	✓	
H12106HCFLL	✓		✓			✓		✓	✓	
H12106HNL	✓		✓		✓		✓			✓
H12106HCNL	✓		✓			✓	✓			✓
H12106HFNL	✓		✓		✓			✓		✓
H12106HCFNL	✓		✓			✓		✓		✓
H12106H-6P	✓	✓	✓	✓	✓		✓			
H12106HC-6P	✓	✓	✓	✓		✓	✓			
H12106HF-6P	✓	✓	✓	✓	✓			✓		
H12106HCF-6P	✓	✓	✓	✓		✓		✓		

12X10X6 PREMIUM LINE



B SECTION A-A

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Accessories for 12x10x6 (For complete accessories, see page 49-52) **Back Panels Back Panel Adjustment Kit Aluminum Swing Out Panels** ABP1210 - Aluminum panel ABP-1210USP/USOPK -BPAKG - Gray, Set Screw SBP1210 - Steel panel Complete panel kit BPAKB - Black, Set Screw ABP-1210USP - Aluminum PVCBP1210 - PVC panel UBPAKG - Gray, Thumb Screw swing out panels only UBPAKB - Black Thumb Screw 37 8 9 9 NA SOPK - Hardware only Air Vents / Fan Shrouds Steel Swing Out Panels **Cord Grips** VENT 3 - 3" Aluminum louvered SBP-1210USP/USOPK -IP68/NEMA 4X/6P rated VENT 2 - Outdoor labyrinth Complete panel kit See page 53 for more details FS KIT1 - 1 piece kit SBP-1210USP - Steel swing and part numbers. FS KIT2 - 2 piece kit out panels only Specifications on page 47 SOPK - Hardware only Din Rail Pole Mounting Kit Mounting Feet & Flange Kits DIN 10 - 2 rails, 4 screws PMKG-210 - 2" pole MFKG - Premium line feet PMKG-310 - 3" pole MFKSS - Stainless steel feet PMKG-410 - 4" pole MFLK10 - 10" Flange kit PMKG-1210 - 12" pole 0 0 0 0

14X12X6 PREMIUM LINE









Comes with feet or flanges.





Atex pending, contact factory for details

PREMIUM POLYCARBONATE ENCLOSURE

Features and Benefits

- Standard color light gray with a gloss finish.
- Best material bases, opaque covers and clear covers are all made of high-impact, UV resistant polycarbonate.
- Easy ordering one part number includes base, lid, mounting feet or flanges and all lid fastening hardware (mounting panels sold separately).
- Flexible interior mounting features the unique and patented Integra adjustable depth "T-Rail" back panel mounting system (back panel and adjustable brackets sold separately).
- Features multiple bosses for easy installation of devices and DIN rails.
- UL-50 / c-UL Listed (files # E229365, # E207562)

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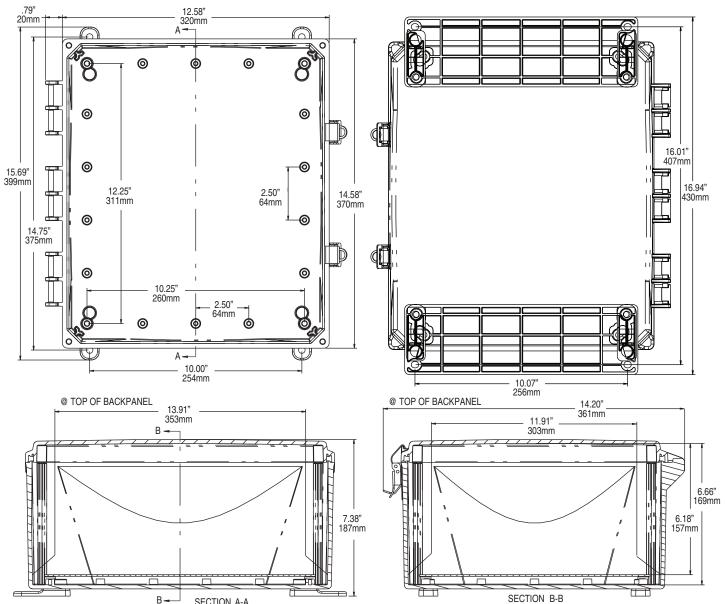
Mechanical and Thermal	Test Spec.	Unit	Premium Line
Instrumented Dart Impact @ 73° F		in/lb.	565
Falling Ball Impact @ 73° F	UL-746	in/lb.	900
Deflection Temperature @ 264 psi	ASTM D648	Deg. F	270
Modulus of Elasticity	ASTM D790	ksi	340
Temperature Range		Deg. F	-40 to 265
Flammable / UV Ratings	Test Spec.	Unit	Premium Line
Flame Rating - UL	UL 94	-	5VA
Outdoor UV Exposure	UL	-	F1

141206 P/N	4X IP66	6P IP68	Hinged Cover	Screw Cover	Opaque Cover	Clear Cover	Mounting Feet	_	Stainless Steel Locking Latch	
H141206S	✓	✓		✓	✓		✓		J	<i>J</i>
H141206SC	✓	✓		✓		✓	✓			
H141206SF	✓	✓		✓	✓			✓		
H141206SCF	✓	✓		✓		✓		✓		
H141206H	✓		✓	✓	✓		✓			
H141206HC	✓		✓	✓		✓	✓			
H141206HF	✓		✓	✓	✓			✓		
H141206HCF	✓		✓	✓		✓		✓		
H141206HLL	✓		✓		✓		✓		✓	
H141206HCLL	✓		✓			✓	✓		✓	
H141206HFLL	✓		✓		✓			✓	✓	
H141206HCFLL	✓		✓			✓		✓	✓	
H141206HNL	✓		✓		✓		✓			✓
H141206HCNL	✓		✓			✓	✓			✓
H141206HFNL	✓		✓		✓			✓		✓
H141206HCFNL	✓		✓			✓		✓		✓
H141206H-6P	✓	✓	✓	✓	✓		✓			
H141206HC-6P	✓	✓	✓	✓		✓	✓			
H141206HF-6P	✓	✓	✓	✓	✓			✓		
H141206HCF-6P	✓	✓	✓	✓		✓		✓		

ECO FRIENDLY

MADE IN

14X12X6 PREMIUM LINE



B SECTION A-A

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Accessories for 14x12x6 (For complete accessories, see page 49-52) **Back Panels Aluminum Swing Out Panels Back Panel Adjustment Kit** ABP1412 - Aluminum panel ABP-1412USP/USOPK -BPAKG - Gray, Set Screw SBP1412 - Steel panel Complete panel kit BPAKB - Black, Set Screw ABP-1412USP - Aluminum PVCBP1412 - PVC panel UBPAKG - Gray, Thumb Screw swing out panels only 37 8 9 9 NA UBPAKB - Black Thumb Screw USOPK - Hardware only Air Vents / Fan Shrouds **Steel Swing Out Panels Cord Grips** VENT 3 - 3" Aluminum louvered SBP-1412USP/USOPK -IP68/NEMA 4X/6P rated VENT 2 - Outdoor labyrinth Complete panel kit See page 53 for more details FS KIT1 - 1 piece kit SBP-1412USP - Steel swing and part numbers. FS KIT2 - 2 piece kit out panels only Specifications on page 47 USOPK - Hardware only Din Rail Pole Mounting Kit Mounting Feet & Flange Kits DIN 12 - 2 rails, 4 screws PMKG-212 - 2" pole MFKG - Premium line feet PMKG-312 - 3" pole MFKSS - Stainless steel feet PMKG-412 - 4" pole MFLK12 - 12" Flange kit PMKG-1212 - 12" pole 0 0 0 0

16X14X7 PREMIUM LINE











Call Integra for more details.

* This size also available in low profile hinge. * 16x14x12 Expansion box not shown.



ECO FRIENDLY

MADE IN

Atex pending, contact factory for details

PREMIUM POLYCARBONATE ENCLOSURE

Features and Benefits

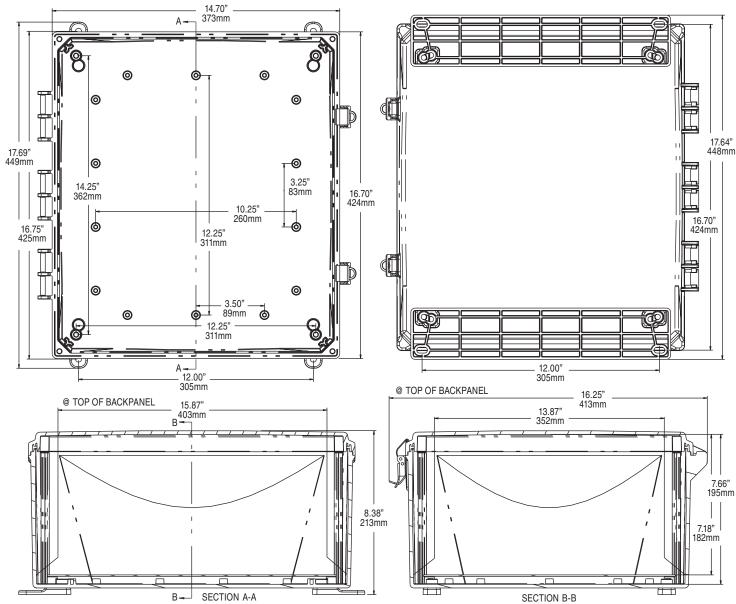
- Standard color light gray with a gloss finish.
- Best material bases, opaque covers and clear covers are all made of high-impact, UV resistant polycarbonate.
- Easy ordering one part number includes base, lid, mounting feet or flanges and all lid fastening hardware (mounting panels sold separately).
- Flexible interior mounting features the unique and patented Integra adjustable depth "T-Rail" back panel mounting system (back panel and adjustable brackets sold separately).
- Features multiple bosses for easy installation of devices and DIN rails.
- UL-50 / c-UL Listed (files # E229365, # E207562)

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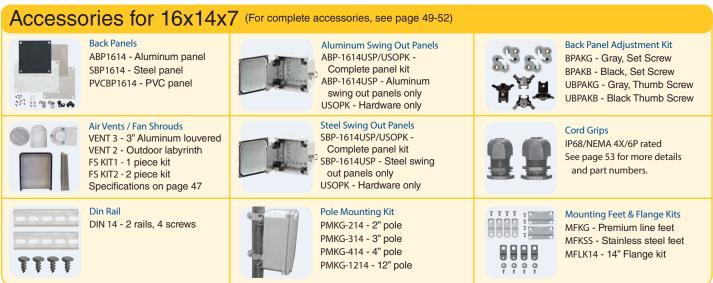
Mechanical and Thermal	Test Spec.	Unit	Premium Line
Instrumented Dart Impact @ 73° F		in/lb.	565
Falling Ball Impact @ 73° F	UL-746	in/lb.	900
Deflection Temperature @ 264 psi	ASTM D648	Deg. F	270
Modulus of Elasticity	ASTM D790	ksi	340
Temperature Range		Deg. F	-40 to 265
Flammable / UV Ratings	Test Spec.	Unit	Premium Line
Flame Rating - UL	UL 94	-	5VA
Outdoor UV Exposure	UL	-	F1

161407 P/N	4X IP66	6P IP68	Hinged Cover	Screw Cover	Opaque Cover	Clear Cover	Mounting Feet		Stainless Steel Locking Latch	
H161407S	✓	✓		✓	✓		✓			
H161407SC	✓	✓		✓		✓	✓			
H161407SF	✓	✓		✓	✓			✓		
H161407SCF	✓	✓		✓		✓		✓		
H161407H	✓		✓	✓	✓		✓			
H161407HC	✓		✓	✓		✓	✓			
H161407HF	✓		✓	✓	✓			✓		
H161407HCF	✓		✓	✓		✓		✓		
H161407HLL	✓		✓		✓		✓		✓	
H161407HCLL	✓		✓			✓	✓		✓	
H161407HFLL	✓		✓		✓			✓	✓	
H161407HCFLL	✓		✓			✓		✓	✓	
H161407HNL	✓		✓		✓		✓			✓
H161407HCNL	✓		✓			✓	✓			✓
H161407HFNL	✓		✓		✓			✓		✓
H161407HCFNL	✓		✓			✓		✓		✓
H161407H-6P	✓	✓	✓	✓	✓		✓			
H161407HC-6P	✓	✓	✓	✓		✓	✓			
H161407HF-6P	✓	✓	✓	✓	✓			✓		
H161407HCF-6P	✓	✓	✓	✓		✓		✓		

16X14X7 PREMIUM LINE



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18X16X10 PREMIUM LINE











Call Integra for more details.

* This size also available in low profile hinge. * 16x14x12 Expansion box not shown.



ECO FRIENDLY

MADE IN

Atex pending, contact factory for details

PREMIUM POLYCARBONATE ENCLOSURE

Features and Benefits

- Standard color light gray with a gloss finish.
- Best material bases, opaque covers and clear covers are all made of high-impact, UV resistant polycarbonate.
- Easy ordering one part number includes base, lid, mounting feet or flanges and all lid fastening hardware (mounting panels sold separately).
- Flexible interior mounting features the unique and patented Integra adjustable depth "T-Rail" back panel mounting system (back panel and adjustable brackets sold separately).
- Features multiple bosses for easy installation of devices and DIN rails.
- UL-50 / c-UL Listed (files # E229365, # E207562)

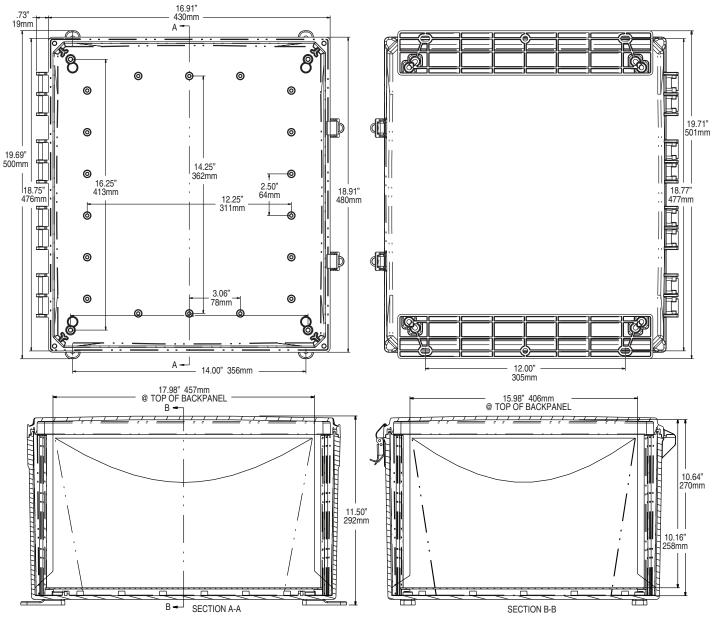
Our Premium Line enclosures are the most durable, non-metallic Nema UL rated enclosures available. From the extremely versatile mounting options inside the enclosure to having the most off-the-shelf accessories, the Integra "Made In the USA" Premium Line enclosures provide great value to any application.

Mechanical and Thermal	Test Spec.	Unit	Premium Line
Instrumented Dart Impact @ 73° F		in/lb.	565
Falling Ball Impact @ 73° F	UL-746	in/lb.	900
Deflection Temperature @ 264 psi	ASTM D648	Deg. F	270
Modulus of Elasticity	ASTM D790	ksi	340
Temperature Range		Deg. F	-40 to 265
Flammable / UV Ratings	Test Spec.	Unit	Premium Line
Flame Rating - UL	UL 94	-	5VA
Outdoor UV Exposure	UL	-	F1

181610 P/N	4X IP66	6P IP68	Hinged Cover	Screw Cover	Opaque Cover	Clear Cover	Mounting Feet		Stainless Steel Locking Latch	
H181610S	✓	✓		✓	✓		✓			
H181610SC	✓	✓		✓		✓	✓			
H181610SF	✓	✓		✓	✓			✓		
H181610SCF	✓	✓		✓		✓		✓		
H181610H	✓		✓	✓	✓		✓			
H181610HC	✓		✓	✓		✓	✓			
H181610HF	✓		✓	✓	✓			✓		
H181610HCF	✓		✓	✓		✓		✓		
H181610HLL	✓		✓		✓		✓		✓	
H181610HCLL	✓		✓			✓	✓		✓	
H181610HFLL	✓		✓		✓			✓	✓	
H181610HCFLL	✓		✓			✓		✓	✓	
H181610HNL	✓		✓		✓		✓			✓
H181610HCNL	✓		✓			✓	✓			✓
H181610HFNL	✓		✓		✓			✓		✓
H181610HCFNL	✓		✓			✓		✓		✓
H181610H-6P	✓	✓	✓	✓	✓		✓			
H181610HC-6P	✓	✓	✓	✓		✓	✓			
H181610HF-6P	✓	✓	✓	✓	✓			✓		
H181610HCF-6P	✓	✓	✓	✓		✓		✓		



18X16X10 PREMIUM LINE



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IMPACT LINE





IMPACT LINE OVERVIEW - 100% NON-METALIC

- 900 inlb Impact Resistance
 Polycarbonate is known for it's high impact resistance and that is why we chose to use it as the material for our Impact Line Enclosures
- Wide Operating Temperature Range
 Polycarbonate is stable and holds it's tensile strength better
 than other non metallic materials over a temperature range
 from -40 deg F to 265 deg F.
- Crystal Clear Covers
 Clear covers are a superior alternative to mechanically affixed window kits.
- EZ Hinge or Low Profile Hinge Integra's standard hinges allow easy door removal or replacement while permitting a full 225 degree door swing. The new low profile hinge is not removable, but provides a cleaner look to the enclosure.
- Integrated Flanges
 All Impact series enclosures eliminate the need to affix the mounting feet or flange to the enclosure. The mounting flanges are simply molded in to the enclosure.
- Integrated Latch
 The integrated latch provides for a very clean look and
 easy opening of the enclosure which is available on all
 Impact enclosures. A stainless steel and non-metallic
 latch is also available on most sizes. (Integrated latch is
 only latch option available on 9x8x2)
- Advanced Face Plate System
 Two brackets, four screws and a face plate and that is all that is needed to quickly and cleanly install the face plate system. (6x6x3 and 8x6x3 only)

- Advanced Swing Panel System
 Two brackets, four screws and the swing panel is all that is needed to quickly and cleanly install the swing panels system. (6x6x3 and 8x6x3 only)
- Molded in Mounting Bosses All of the Impact line enclosures have extra mounting bosses molded into the rear wall to permit #8 (for 6x6x3 and 8x6x3) and #10 (for 9x8x2 and 10x8x6) self tapping screws to secure din rail, circuit board, or any other device or component into the enclosure.
- Latch Securely Attached
 Impact enclosures are available in stainless steel or non-metallic latch options that are bolted in place for a more secure system than pop rivets or slide on latches
- Modifications
 Full modifications services are available at Integra, including machining holes for displays, cable connectors, multi pin connectors, antennae, etc. Call us to discuss your unique requirements.
- Customization
 Custom colors, custom back panels, silk screening, sub assembly of your product, or any other tailoring of our product to your need is our job. (Minimums may apply)
- Packaging
 Standard packaging is one unit per carton, packed to ensure safe delivery to your location. If you have any special requirements for shipping, call us and we can work to meet your requirements.



EZ OR LOW PROFILE HINGES



Integra's standard hinges allow easy door removal or replacement while permitting a full 225 degree door swing. The new low profile hinge is not removable, but provides a cleaner look to the enclosure.

CLEAR COVER



Clear covers are a superior alternative to mechanically affixed window kits.

INTEGRATED & LOCKING LATCHES



All Impact enclosures are available standard with the integrated locking latch. Most Impact enclosures also available with stainless steel (LL) or non-metallic (NL) latches that are bolted in place.

IMPACT SWING PANEL KIT ASSEMBLY

SWING OUT PANEL KITS



Two brackets, four screws and the swing panel is all that is needed to quickly and cleanly install the swing panels system. (6x6x3 and 8x6x3 only)

SWING PANEL AND FACE PLATE ASSEMBLY



It's as easy as one, two, three...

FACE PLATE System

- Install Four #8 self tapping screws to secure
 the brackets to the enclosure
- 2. Install Four #8 self-tapping screws to secure the face plate to brackets
- 3. You're done

SWING PANEL System

Integrated Mounting Flanges

- Install Four #8 self tapping screws to secure
 the brackets to the enclosure
- Install Four or Six(your choice) #8 self-tapping screws to secure the swing panel to the brackets
- 3. You're done

CORD GRIPS



- IP68/NEMA 4X/6P Rated
- Temp Range -30 C to 100 C
- UL 94 V0 Flame Rated
- Neoprene Sealing Grommet
- Polyamide Construction

4X4X3 IMPACT LINE





Mechanical and Therr	Unit I	mpact Line	
Instrumented Dart Impact @	in/lb.	565	
Falling Ball Impact @ 73° F	UL-746	in/lb.	900
Deflection Temperature @ 26	Deg. F	270	
Modulus of Elasticity	ASTM D790	ksi	340
Temperature Range		Deg. F	-40 to 265

IMPACT

Features and Benefits

- Standard Color light gray with a high gloss finish
- Best material bases, opaque covers and clear covers are all made of high-impact, UV resistant polycarbonate
- Easy ordering One part number equals one completely assembled enclosure
- Super easy use mounting flanges integral, so no extra hardware needed
- Flexible Interior Mounting bosses on rear wall and lid of opaque enclosure provide multiple mounting options for din rail, back panels, or other components
- Advanced face plate mounting system Brand new completely unique and easy
- Secure Choose your level of protection: pad lockable, tamper screw or tamper tag capable
- Frequency Friendly Available with absolutely no metals of any kind on the enclosure which is extremely favorable for sending and receiving wireless signals
- UL-50 / c-UL Listed (file # E207562)

Our Impact Line enclosures are the most versatile, feature packed, aesthetically pleasing, Nema UL rated, non-metallic enclosures available. Features like extremely durable, UV resistant, wide temperature range, easy to machine, lighter than other non-metallic or metal materials, the "Made in USA" Impact Line enclosures provide great value to any application.









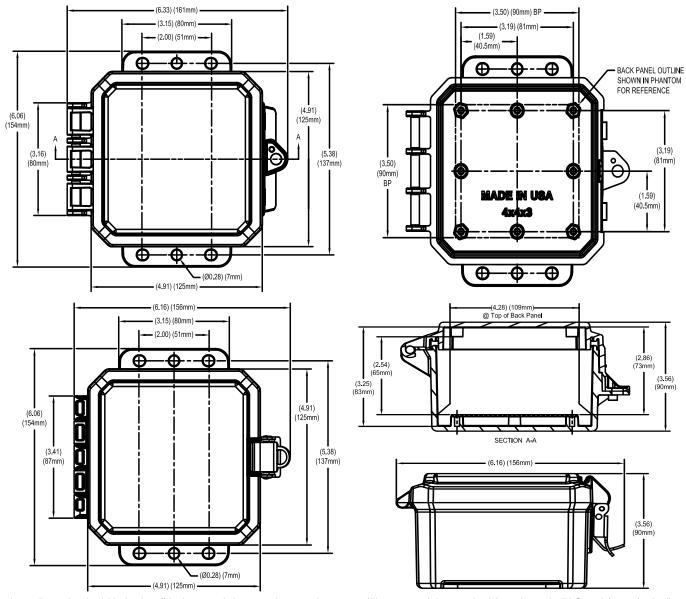
Atex pending contact factory for details

Flammable / UV Ratir	Unit Impact Line				
Flame Rating - UL	UL 94	-	5VA		
Outdoor UV Exposure	UL	-	f1		

P4043	4X IP66	6P IP68		Opaque Cover	Integraged Mounting Flange		Low Profile Hinge	Integrated Locking Latch		Non-Metalli Locking Latch	c Face Plate Mtg System*
P4043	✓	✓		✓	✓	✓		✓			✓
P4043C	✓	✓	✓		✓	✓		✓			✓
P4043LL	✓			✓	✓	✓			✓		✓
P4043CLL	✓		✓		✓	✓			✓		✓
P4043LP	✓	✓		✓	✓		✓	✓			✓
P4043LPC	\checkmark	✓	✓		✓		✓	✓			✓
P4043LPLL	✓			✓	✓		✓		✓		✓
P4043LPCLL	✓		✓		✓		✓		✓		✓
P4043NL	✓			✓	✓	✓				✓	✓
P4043CNL	✓		✓		✓	✓				✓	✓
P4043LPNL	✓			✓	✓		✓			✓	✓
P4043LPCNL	✓		✓		✓		✓			✓	✓

* Sold separately





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Accessories for 4x4x3 Impact (For complete accessories, see page 52-54) **Back Panels** Face Plate Support Kit FPSK-44-IMP - Support kit contains 4 Aluminum Face Plate System ABP44-IMP - Aluminum panel AFPK44-IMP - Aluminum face plate and FPSK-44 mounting kit support panels and 8 screws. SBP44-IMP - Steel panel AFP44-IMP - Aluminum face PVCBP44-IMP - PVC panel 10 panel only 00 Air Vents Hole Plugs Steel Face Plate System VENT 3 - Aluminum louvered SFPK44-IMP - Steel face plate Liquid tight thru plugs. IP67 and and FPSK-44 mounting kit SFP44-IMP - Steel face VENT 2 - Outdoor labyrinth UL rated. See page 53 for more 100 details. panel only Pole Mounting Kit **Cord Grips** PMKG-24-IMP - 2" pole IP68/NEMA 4X/6P rated DIN 4-IMP - 2 rails, 4 screws PMKG-34-IMP - 3" pole See page 53 for more details. PMKG-44-IMP - 4" pole PMKG-124-IMP - 12" pole

6X6X3 IMPACT LINE





Mechanical and Thermal Test Spe	c. Unit Impact Line
Instrumented Dart Impact @ 73° F	in/lb. 565
Falling Ball Impact @ 73° F UL-746	in/lb. 900
Deflection Temperature @ 264 psi ASTM D64	8 Deg. F 270
Modulus of Elasticity ASTM D790	ksi 340
Temperature Range	Deg. F -40 to 265

IMPACT

Features and Benefits

- Standard Color light gray with a high gloss finish
- Best material bases, opaque covers and clear covers are all made of high-impact, UV resistant polycarbonate
- Easy ordering One part number equals one completely assembled enclosure
- Super easy use mounting flanges integral, so no extra hardware needed
- Flexible Interior Mounting bosses on rear wall and lid of opaque enclosure provide multiple mounting options for din rail, back panels, or other components
- Advanced face plate mounting system Brand new completely unique and easy
- Secure Choose your level of protection: pad lockable, tamper screw or tamper tag capable
- Frequency Friendly Available with absolutely no metals of any kind on the enclosure which is extremely favorable for sending and receiving wireless signals
- UL-50 / c-UL Listed (file # E207562)

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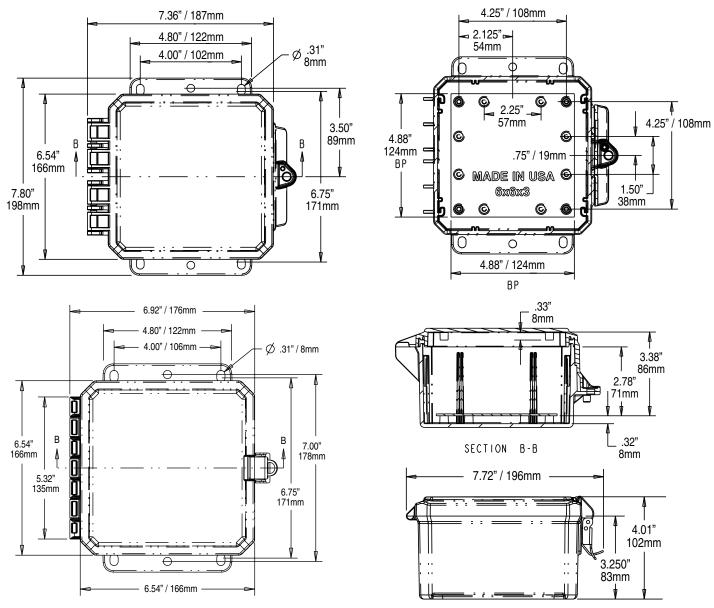
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Flammable / UV Ratin	Unit Impact Line			
Flame Rating - UL	UL 94	-	5VA	
Outdoor UV Exposure	UL	-	f1	

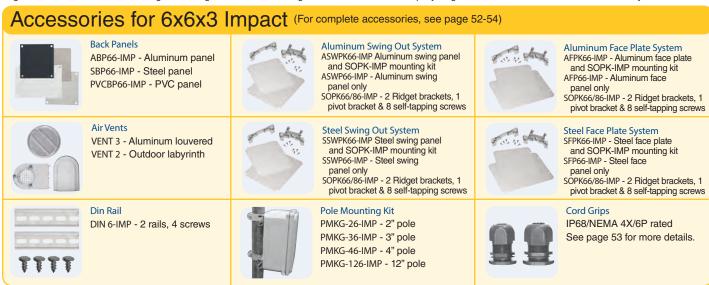
P6063	4X IP66	6P IP68		Opaque Cover	Integraged Mounting Flange		Low Profile Hinge	Integrated Locking Latch		Non-Metalli Locking Latch	c Face Plate Mtg System*
P6063	✓	✓		✓	✓	✓		✓			✓
P6063C	\checkmark	✓	✓		✓	✓		✓			✓
P6063LL	✓			✓	✓	✓			✓		✓
P6063CLL	✓		✓		✓	✓			✓		✓
P6063LP	✓	✓		✓	✓		✓	✓			✓
P6063LPC	✓	✓	✓		✓		✓	✓			✓
P6063LPLL	✓			✓	✓		✓		✓		✓
P6063LPCLL	✓		✓		✓		✓		✓		✓
P6063NL	✓			✓	✓	✓				✓	✓
P6063CNL	✓		✓		✓	✓				✓	✓
P6063LPNL	✓			✓	✓		✓			✓	✓
P6063LPCNL	✓		✓		✓		✓			✓	√

* Sold separately





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8X6X3 IMPACT LINE





Mechanical and Therm	al Test Spec.	Unit I	mpact Line			
Instrumented Dart Impact @ 7	Instrumented Dart Impact @ 73° F					
Falling Ball Impact @ 73° F	UL-746	in/lb.	900			
Deflection Temperature @ 264	psi ASTM D648	Deg. F	270			
Modulus of Elasticity	ASTM D790	ksi	340			
Temperature Range		Deg. F	-40 to 265			

IMPACT

Features and Benefits

- Standard Color light gray with a high gloss finish
- Best material bases, opaque covers and clear covers are all made of high-impact, UV resistant polycarbonate
- Easy ordering One part number equals one completely assembled enclosure
- Super easy use mounting flanges integral, so no extra hardware needed
- Flexible Interior Mounting bosses on rear wall and lid of opaque enclosure provide multiple mounting options for din rail, back panels, or other components
- Advanced face plate mounting system Brand new completely unique and easy
- Secure Choose your level of protection: pad lockable, tamper screw or tamper tag capable
- Frequency Friendly Available with absolutely no metals of any kind on the enclosure which is extremely favorable for sending and receiving wireless signals
- UL-50 / c-UL Listed (file # E207562)

Our Impact Line enclosures are the most versatile, feature packed, aesthetically pleasing, Nema UL rated, non-metallic enclosures available. Features like extremely durable, UV resistant, wide temperature range, easy to machine, lighter than other non-metallic or metal materials, the "Made in USA" Impact Line enclosures provide great value to any application.









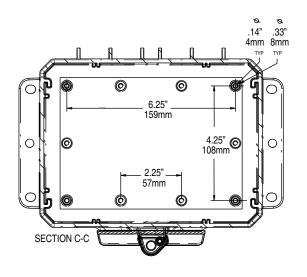
Atex pending contact factory for details

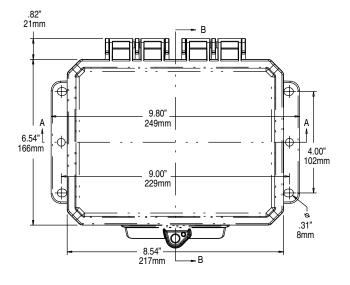
Flammable / UV Ratir	ıgs Test Spec.	Unit	Impact Line
Flame Rating - UL	UL 94	-	5VA
Outdoor UV Exposure	UL	-	f1

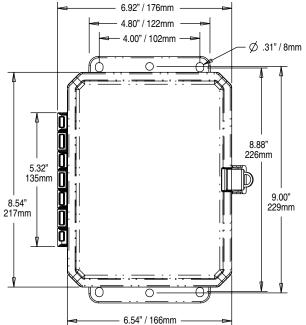
P8063	4X IP66	6P IP68		Opaque Cover	Integraged Mounting Flange	Standard Hinge	Low Profile Hinge	Integrated Locking Latch	Stainless Steel Locking Latch	Non-Metalli Locking Latch	c Face Plate Mtg System*
P8063	✓	✓		✓	✓	✓		✓			✓
P8063C	\checkmark	✓	✓		✓	✓		✓			✓
P8063LL	✓			✓	✓	✓			✓		✓
P8063CLL	✓		✓		✓	✓			✓		✓
P8063LP	✓	✓		✓	✓		✓	✓			✓
P8063LPC	✓	✓	✓		✓		✓	✓			✓
P8063LPLL	✓			✓	✓		✓		✓		✓
P8063LPCLL	✓		✓		✓		✓		✓		✓
P8063NL	✓			✓	✓	✓				✓	✓
P8063CNL	✓		✓		✓	✓				✓	✓
P8063LPNL	✓			✓	✓		✓			✓	✓
P8063LPCNL	✓		✓		✓		✓			✓	✓

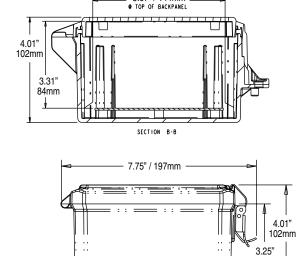
* Sold separately

8X6X3 IMPACT LINE









5.67" / 144mm

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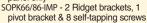
Accessories for 8x6x3 Impact (For complete accessories, see page 52-54)



Back Panels ABP86-IMP - Aluminum panel SBP86-IMP - Steel panel PVCBP86-IMP - PVC panel



Aluminum Swing Out System ASWPK86-IMP Aluminum swing panel and SOPK-IMP mounting kit ASWP86-IMP - Aluminum swing panel only





Aluminum Face Plate System FPK86-IMP - Aluminum face plate and SOPK-IMP mounting kit AFP86-IMP - Aluminum face panel only SOPK66/86-IMP - 2 Ridget brackets, 1

83mm

pivot bracket & 8 self-tapping screws



Air Vents

VENT 3 - Aluminum louvered VENT 2 - Outdoor labyrinth



Steel Swing Out System
SSWPK86-IMP Aluminum swing panel
and SOPK-IMP mounting kit SSWP86-IMP - Aluminum swing

panel only SOPK66/86-IMP - 2 Ridget brackets, 1 pivot bracket & 8 self-tapping screws



Steel Face Plate System SFPK86-IMP - Aluminum face plate and SOPK-IMP mounting kit SFP86-IMP - Aluminum face panel only

SOPK66/86-IMP - 2 Ridget brackets, 1 pivot bracket & 8 self-tapping screws



DIN 6-IMP - 2 rails, 4 screws



Pole Mounting Kit PMKG-26-IMP - 2" pole PMKG-36-IMP - 3" pole

PMKG-46-IMP - 4" pole PMKG-126-IMP - 12" pole



Cord Grips IP68/NEMA 4X/6P rated See page 53 for more details.

9X8X2 IMPACT LINE





IMPACT

Features and Benefits

- Standard Color light gray with a high gloss finish
- Best material bases, opaque covers and clear covers are all made of high-impact, UV resistant polycarbonate
- Easy ordering One part number equals one completely assembled enclosure
- Super easy use mounting flanges integral, so no extra hardware needed
- Flexible Interior Mounting bosses on rear wall and lid of opaque enclosure provide multiple mounting options for din rail, back panels, or other components
- Advanced face plate mounting system Brand new completely unique and easy
- Secure Choose your level of protection: pad lockable, tamper screw or tamper tag capable
- Frequency Friendly Available with absolutely no metals of any kind on the enclosure which is extremely favorable for sending and receiving wireless signals
- UL-50 / c-UL Listed (file # E207562)

Our Impact Line enclosures are the most versatile, feature packed, aesthetically pleasing, Nema UL rated, non-metallic enclosures available. Features like extremely durable, UV resistant, wide temperature range, easy to machine, lighter than other non-metallic or metal materials, the "Made in USA" Impact Line enclosures provide great value to any application.









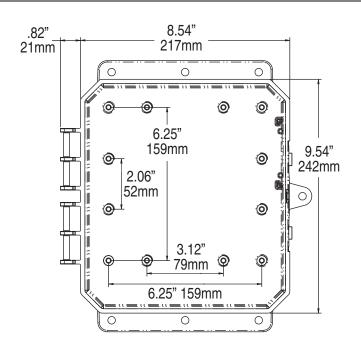
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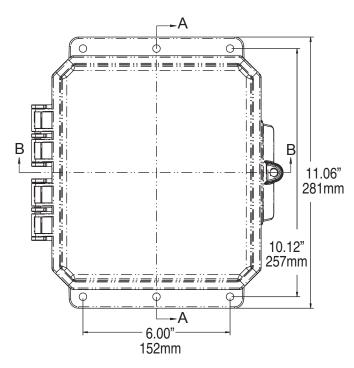
Mechanical and Thermal	Test Spec.	Unit	Impact Line
Instrumented Dart Impact @ 73° F		in/lb.	565
Falling Ball Impact @ 73° F	UL-746	in/lb.	900
Deflection Temperature @ 264 psi	ASTM D648	Deg. F	270
Modulus of Elasticity	ASTM D790	ksi	340
Temperature Range		Deg. F	-40 to 265
Flammable / UV Ratings	Test Spec.	Unit	Impact Line
Flame Rating - UL	UL 94	-	5VA
Outdoor UV Exposure	UL	-	f1

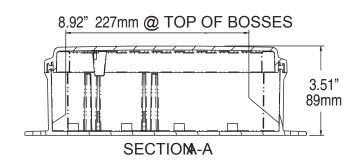
P9082					•		Low Profile		Stainless Steel Locking Latch	9	Face Plate Mtg System*
P9082	✓	✓		✓	✓	✓		✓		✓	✓
P9082C	✓	✓	✓		✓	✓		✓		✓	✓

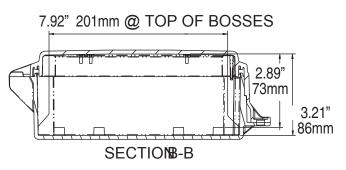
* Sold separately











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10X8X6 IMPACT LINE





Mechanical and Thern	nal Test Spec.	Unit	Impact Line
Instrumented Dart Impact @	73° F	in/lb.	565
Falling Ball Impact @ 73° F	UL-746	in/lb.	900
Deflection Temperature @ 26	Deg. F	270	
Modulus of Elasticity	ASTM D790	ksi	340
Temperature Range		Deg. F	-40 to 265
Flammable / UV Ratin	gs Test Spec.	Unit	Impact Line
Flame Rating - UL	UL 94	-	5VA
Outdoor UV Exposure	UL	-	f1

IMPACT

Features and Benefits

- Standard Color light gray with a high gloss finish
- Best material bases, opaque covers and clear covers are all made of high-impact, UV resistant polycarbonate
- Easy ordering One part number equals one completely assembled enclosure
- Super easy use mounting flanges integral, so no extra hardware needed
- Flexible interior Mounting bosses on rear wall and lid of opaque enclosure provide multiple mounting options for din rail, back panels, or other components
- Advanced face plate mounting system Brand new completely unique and easy
- Secure Choose your level of protection: pad lockable, tamper screw or tamper tag capable
- Frequency Friendly Available with absolutely no metals of any kind on the enclosure which is extremely favorable for sending and receiving wireless signals
- UL-50 / c-UL Listed (file # E207562)

Our Impact Line enclosures are the most versatile, feature packed, aesthetically pleasing, Nema UL rated, non-metallic enclosures available. Features like extremely durable, UV resistant, wide temperature range, easy to machine, lighter than other non-metallic or metal materials, the "Made in USA" Impact Line enclosures provide great value to any application.







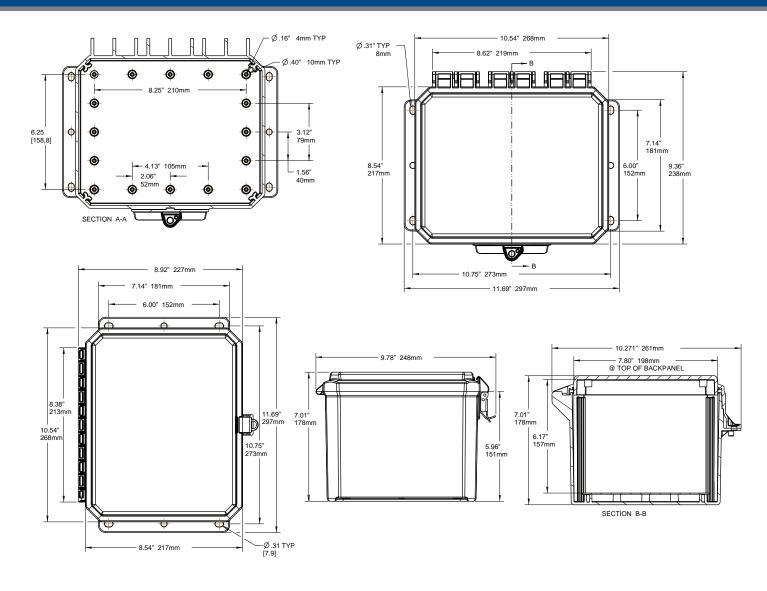


Atex pending contact factory for details

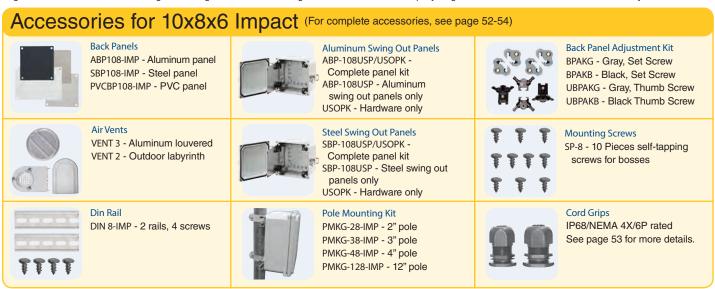
P10086	4X IP66	6P IP68		Opaque Cover	Integraged Mounting Flange	Standard Hinge	Low Profile Hinge	Integrated Locking Latch	Stainless Steel Locking Latch	Non-Metallic Locking Latch	T-Rail Mtg System
P10086	✓	✓		✓	✓	✓		✓			✓
P10086C	✓	✓	✓		✓	✓		✓			✓
P10086LL	✓			✓	✓	✓			✓		✓
P10086CLL	✓		✓		✓	✓			✓		✓
P10086LP	✓	✓		✓	✓		✓	✓			✓
P10086LPC	✓	✓	✓		✓		✓	✓			✓
P10086LPLL	✓			✓	✓		✓		✓		✓
P10086LPCLL	✓		✓		✓		✓		✓		✓
P10086NL	✓			✓	✓	✓				✓	✓
P10086CNL	✓		✓		✓	✓				✓	✓
P10086LPNL	✓			✓	✓		✓			✓	✓
P10086LPCNL	✓		✓		✓		✓			✓	✓

* Sold separately





Register online to download this drawing off the Integra website at www.integraenclosures.com | Your company's logo or other information on the lid. Consult factory for details.



GENESIS LINE





GENESIS LINE OVERVIEW

- 900 lb/in Impact Resistance
 Polycarbonate is known for it's high impact resistance
 and that is why we chose to use it as the material for
 our Premium Line Enclosures
- Wide Operating Temperature Range
 Polycarbonate is stable and holds it's tensile strength better than other non metallic materials over a temperature range from -40 deg F to 265 deg F.
- Multi-Max Rail System The MULTIple configurations for MAXimum options rail system provide unlimited mounting potential for your application. These rails mount vertically by attaching to the rear wall of the enclosure and to the Multi-Max frame. They can be used all around the interior of the enclosure to create three dimensional use of all of the space inside the enclosure.
- Multi-Max Frame
 This piece secures just inside the lip of the base with four Multi Max rails and combines with other molded features to provide un-matched rigidity to the Genesis enclosures.
- Rigid full piano hinge swing panel
 The genesis swing panel has an aluminum piano style
 hing to support the weight of the typical larger enclosure
 applications. The swing panel attaches to the Multi Max
 rails and provides rigid smooth operation

Panel Pads

Panel pads affix to the vertical Multi-Max rails and provide the ability for an aluminum, steel or PVC mounting panel to be set at varying heights inside the enclosure. These pads provide the ability to have multiple mounting panels at different heights. Whether it's a competitive situation or a space restriction more mounting surfaces can save space and money.

- Multiple Latching Options
 - Three point latch
 - Quarter turn latch
 - Non-metallic latch
- Modifications

Full modifications services are available at Integra, including machining holes for displays, cable connectors, multi pin connectors, antennae, etc. Call us to discuss your unique requirements.

- Customization
 - Custom colors, custom back panels, silk screening, sub assembly of your product, or any other tailoring of our product to your need is our job. (Minimums may apply)
- Packaging
 Standard packaging is one unit per carton, packed to ensure safe delivery to your location. If you have any special requirements for shipping, call us and we can work to meet your requirements.

MULTI-MAX FRAME*



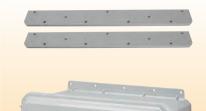
This piece secures just inside the lip of the base with four Multi-Max rails and provide revolutionary rigidity to the enclosure and endless options for mounting. This piece comes pre-installed and is a standard component in the enclosure.

MULTIPLE LATCHING OPTIONS



- Non-metallic latch
- Three point latch
- Quarter turn latch

FLUSH FLANGE MOUNTING



The mounting flanges run flush with the enclosure base. G201608 enclosures have integrated flanges with no additional pieces to install. The G242410 enclosure has removable flanges for accessibility which are screwed onto the recessed back side providing strong and durable mounting of the enclosure.

SWING OUT PANEL KITS



The Genesis swing panel has an aluminum piano style hinge to support the weight of typical enclosure applications. The swing panel attaches to the Multi-Max Rails and provides rigid, smooth operation.

LOW PROFILE SS HINGE PIN



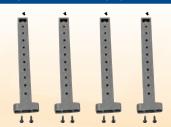
Strong, piano hinge style hinge pin provides rigid and repeatable door operation even with components mounted in the door. Easily removable cover for access and accessibility.

PAD LOCKABLE



Choose your level of security when you select our Genesis series enclosures. Latches only, self tapping screw, pad lock or tag-out are all standard capabilities for this enclosure

MULTI-MAX RAIL SYSTEM**



The MULTIple configurations for MAXimum options rail system provide unlimited mounting potential for your application. These rails mount vertically by attaching to the rear wall of the enclosure and to the Multi-Max frame. They can be used all around the interior of the enclosure to create three dimensional use of all of the space inside the enclosure.

PANEL PADS³



Panel pads affix to the vertical Multi-Max rails and provide the ability for an aluminum, steel or PVC mounting panel to be set at varying heights inside the enclosure. These pads provide the ability to have multiple mounting panels at different heights. Whether it's a competitive situation or a space restriction more mounting surfaces can save space and money.

MOUNTING PANELS



Genesis enclosures were designed to have internal surface walls mountable. Back panels available in aluminum, stainless steel or PVC in a variety of sizes for additional mounting space. Side wall mounting panels also available for extra mounting space. Enclosure covers have full mounting capabilities for increased mounting flexibility.

^{*} Pending Patents for Multi-Max Rail System and Panel Pads

20X16X08 GENESIS LINE





GENESIS POLYCARBONATE ENCLOSURE

Features and Benefits

- Integra's largest series of polycarbonate enclosure offering
- Light gray in color with high gloss finish
- Featuring Integra's unique "Multi-Max Rail Mounting System" (an extremely flexible interior mounting system)
- Sturdy, full length piano hinged door
- Extra rigid construction utilizing unique internal Multi-Max frame
- Brass inserts on rear wall of enclosure and on lid for more mounting options
- Integrated mounting flanges eliminate the need to affix to the enclosure
- Available in multiple closure options: non-metallic, quarter turn or three point latch configurations
- UL/C-UL-50 listed (File # E207562)

The Integra Genesis series represents the beginning of best medium sized non metallic enclosures available. The unmatched flexibility of the interior of this enclosure combined with off the shelf accessories make the first of the Genesis series enclosures ideal for almost any application.

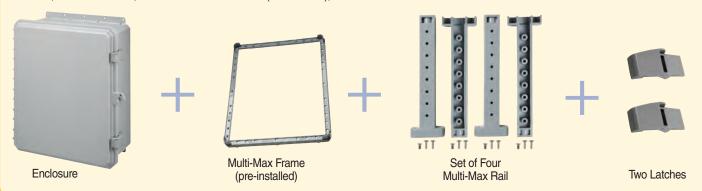
Mechanical and Thermal	Test Spec.	Unit	Genesis Line
Instrumented Dart Impact @ 73° F	=	in/lb.	565
Falling Ball Impact @ 73° F	UL-746	in/lb.	900
Deflection Temperature @ 264 psi	i ASTM D648	Deg. F	270
Modulus of Elasticity	rn ASTM D790	ksi	340
Temperature Range		Deg. F	-40 to 265
Flammable / UV Ratings	Test Spec.	Unit	Genesis Line
Flame Rating - UL	UL 94	-	5VA
Outdoor UV Exposure	UL	-	F1

Alex periority, contact	tex pending, contact factory for details												
20 x 16 P/N	4X IP66	6P IP68	Hinged Cover	Opaque Cover	Clear Cover	Integrated Mounting Flange	Non-Metallic Locking Latch	Multi-Max Rail System	3-Point Latch	1/4 Turn Latch			
G201608	✓	✓	✓	✓		✓	✓						
G201608C	✓	✓	✓		✓	✓	✓	✓					
G201608TPL	✓		✓	✓		✓		✓	✓				
G201608CTPL	✓		✓		✓	✓			✓				
G201608QTL	✓		✓	✓		✓		✓		✓			
G201608CQTL	✓		✓		✓	✓		✓		✓			
G201608-E	✓	✓	✓	✓		✓	✓						
G201608C-E	1	1	1		_/	1							

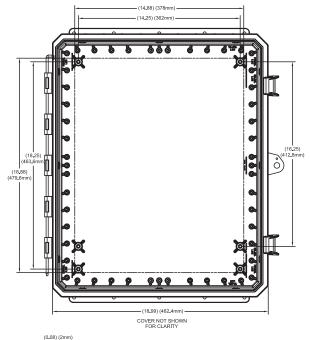
RoHS

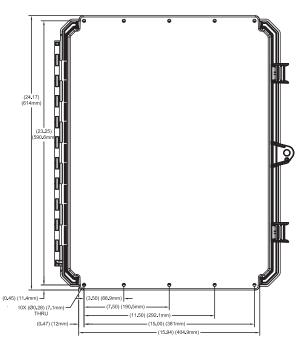
G201608 includes the following Enclosure, Multi-Max Frame, Set of Four Multi-Max Rails (with Screws), and Two Latches

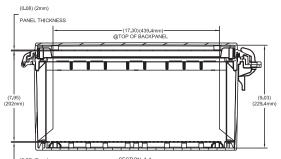
Atex pending contact factory for details

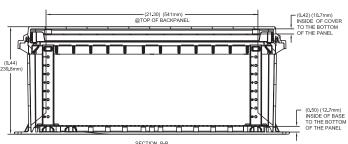


20X16X08 GENESIS LINE









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Accessories for 20x16x08 Genesis (For complete accessories, see page 52 & 55)



Multi-Max Rails KIT-GMMR8 - Four multi-max rails with screws included



Panel Pads KIT-GPP-2016 Includes four panel pads and screws



Pole Mounting Kits PMKG-216-GEN - 2" pole PMKG-316-GEN - 3" pole PMKG-416-GEN - 4" pole PMKG-1216-GEN - 12" pole



Polycarbonate Latches KIT-GPCL-2PK Non-metallic latches (package of 2 latches)



Self-Tapping Screws GSP-10 - Self-tapping screws for bosses (10 per pack)



Swing Out Panel System
ABP2016-GSOPK - Aluminum
swing panel includes
ABP2016 and GSOPK20
SBP2016-GSOPK - Steel
swing panel includes
SBP2016 and GSOPK20
GSOPK20 - 20" hinge, panel
pads and screws (panel
not included)



Back and Swing Panels ABP-2016 - Aluminum panel SBP-2016 - Steel panel PVCBP-2016 - PVC panel



Fan Shroud Kits
FSK-1 - One shroud with
gasket and screws
FSK-2 - Two shrouds
with gasket and screws



Multi-Max Frame GSR2016 - Multi-Max frame support ring

24X24X10 GENESIS LINE





GENESIS POLYCARBONATE ENCLOSURE

Features and Benefits

- Integra's larger size, polycarbonate enclosure offering
- Light gray in color with high gloss finish
- Featuring Integra's unique "Multi-Max Rail Mounting System" (an extremely flexible interior mounting system)
- Sturdy, full length piano hinged door
- Extra rigid construction utilizing unique internal Multi-Max frame
- Brass inserts on rear wall of enclosure and on lid for more mounting options
- Brass inserts for securing mounting flanges to rear of enclosure
- Available in four non-metallic latch or three point latch configurations
- UL/C-UL-50 listed (File # E207562)

The Integra Genesis series represents the beginning of best medium sized non metallic enclosures available. The unmatched flexibility of the interior of this enclosure combined with off the shelf accessories make the first of the Genesis series enclosures ideal for almost any application.

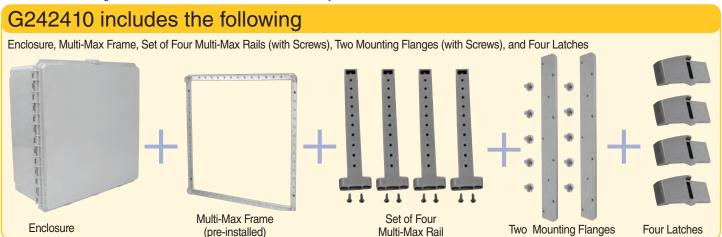
Mechanical and Thermal	Test Spec.	Unit	Genesis Line
Instrumented Dart Impact @ 73° F	=	in/lb.	565
Falling Ball Impact @ 73° F	UL-746	in/lb.	900
Deflection Temperature @ 264 ps	i ASTM D648	Deg. F	270
Modulus of Elasticity	rn ASTM D790	ksi	340
Temperature Range		Deg. F	-40 to 265
Flammable / UV Ratings	Test Spec.	Unit	Genesis Line
Flame Rating - UL	UL 94	-	5VA
Outdoor UV Exposure	UL	-	f1

Atex pending, contact factory for details

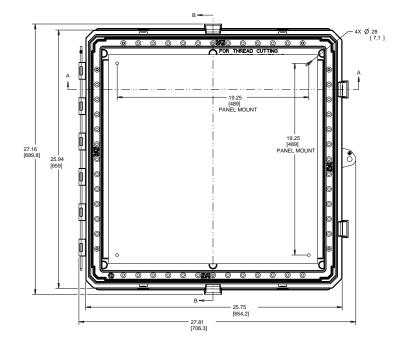
24 x 24 P/N	4X	6P	Hinged	Opaque	Clear	Mounting	Non-Metallic	Multi-Max	3-Point	1/4 Turn
	IP66	IP68	Cover	Cover	Cover	Flange	Locking Latch	Rail System	Latch	Latch
G242410			✓	√			✓			
G242410C		✓								
G242410TPL										
G242410CTPL										
G242410QTL	✓			✓		✓				✓
G242410CQTL	✓		✓		✓	✓				✓
G242410-E				✓		✓				
G242410C-E	✓	✓	✓		✓	✓	✓			

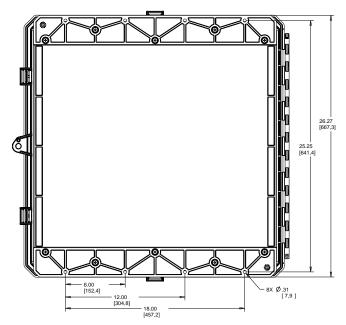
RoHS

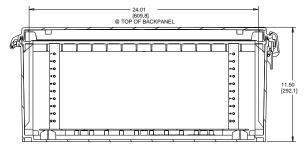
Part numbers containing -E exclude Multi-Max Frame and Multi-Max Rail System®

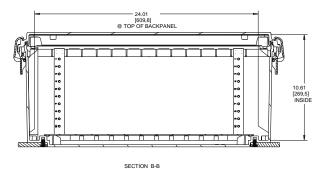












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Accessories for 24x24x10 Genesis (For complete accessories, see page 52 & 55)



Multi-Max Rails
KIT-GMMR10 - Four
multi-max rails with
screws included



Panel Pads
KIT-GPP - Includes
four panel pads
and screws



Pole Mounting Kits PMKG-224 - 2" pole PMKG-324 - 3" pole PMKG-424 - 4" pole PMKG-1224 - 12" pole



Polycarbonate Latches KIT-GPCL-4PK Non-Metallic latches (package of 4 latches)



Self-Tapping Screws GSP-10 - Self-tapping screws for bosses (10 per pack)



Swing Out Panel System
ABP2424 GSOPK - Aluminum
swing panel includes ABP24
and GSOPK24
SBP2424 GSOPK - Steel
swing panel includes
SBP24 and GSOPK24
GSOPK24 - 24" hinge, panel
pads and screws (panel not
included)



Back and Swing Panels ABP2424 - Aluminum panel SBP2424 - Steel panel PVCBP2424 - PVC panel



Fan Shroud Kits
FSK-1 - One shroud with
gasket and screws
FSK-2 - Two shrouds
with gasket and screws



Multi-Max Frame GSR2424 - Multi-Max frame support ring

GENESIS STANDARD & OVERSIZED PANELS





PART NUMBER: ABP-2016 SBP-2016 DIMENSIONS: 18.8" X 14.88"

> ABP-2424 SBP-2424 DIMENSIONS: 21" X 21"



MULTI-MAX RAILS



PART NUMBER: ABP-2016-XL SBP-2016-XL DIMENSIONS: 19.4" X 15.4"

> ABP-2424-XL SBP-2424-XL DIMENSIONS: 22.13" X 22.13"



MULTI-MAX RAILS



PART NUMBER: ABP-2016-XXL SBP-2016-XXL DIMENSIONS: 21.09" 17.09"

ABP-2424-XXL SBP-2424-XXL DIMENSIONS: 23.25" X 23.25"

X

MULTI-MAX RAILS



GENESIS LINE ENCLOSURE OPTIONS



TAKE A CLOSER LOOK AT THE VERSATILITY OF INTEGRA.



Integra window kits can create the ideal solution for a wide range of applications. Available on our Premium Line enclosures, they provide a customized viewing area without the need to make holes or cutouts.

By applying a vinyl overlay or silkscreen to the exterior or interior, of a clear cover, a "window" can be created without the need for a hole or cutout, which can reduce the enclosure's protection level.

Silkscreen your company's logo on the lid. Consult factory for details.

Integrated hinges mean no additional hardware or metal parts, and the door can be easily removed for unimpeded component access.

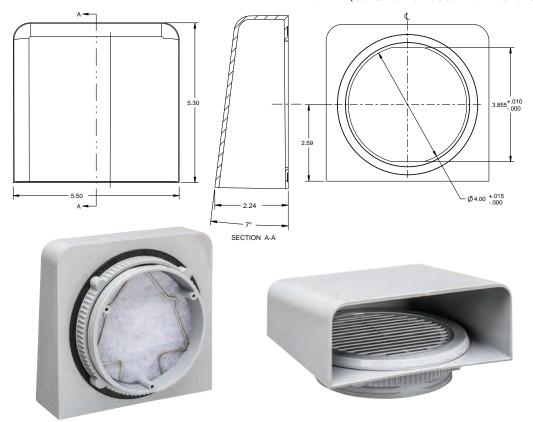


FAN SHROUD AND VENT FILTER KITS

FAN SHROUD VENT FILTER

PART NUMBERS

FSFK-1 (contains 1 shroud with filter and gasket) FSFK-2 (contains 2 shrouds with filter and gasket)



FILTER APPLICATION

Our Fan Shroud and Fan Shroud Vent Filter Kits are designed to keep the elements out of your enclosure while allowing the free air movement from your filtered fan packages.

INSTALLATION

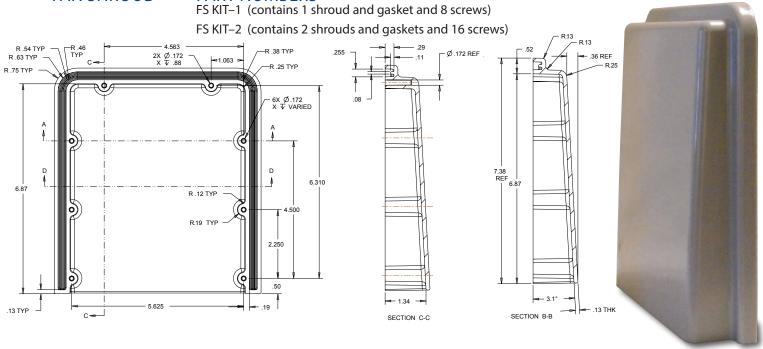
Shrouds are sized to fit neatly over your openings and fans.

SPECIFICS

- Polycarbonate
- Maintains NEMA Type 3R
- Include Gaskets On All Three Edges
- Kits Include All Mounting Hardware & Template

FAN SHROUD

PART NUMBERS

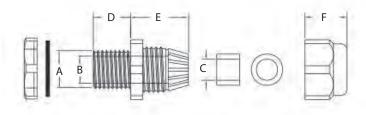




KEEP YOUR ENCLOSURES WATERPROOF

CORD GRIPS

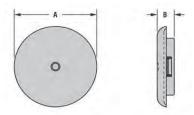
- Self locking waterproof design
- IP68/NEMA 4X/6P Rated
- Temperature Range:- 4°F to 212°F (-20° C to 100° C)
- UL 94V-2 and REACH certified and RoHS compliant



Part Number	Mounting Hole Diameter						Cable Diameter Range
	Α	В	С	D	E	F	
CG-LTF7	.492 (12.5)	.335 (8.5)	.244 (6.2)	.346 (8.8)	.831 (21.1)	.575 (14.6)	.138236 (3.5-6)
CG-LTF9	.614 (15.6)	.433 (11.0)	.346 (8.8)	.339 (8.6)	.902 (22.9)	.587 (14.9)	.157315 (4-8)
CG-LTF11	.724 (18.4)	.547 (13.9)	.398 (10.1)	.382 (9.7)	.941 (23.9)	.661 (16.8)	.197394 (5-10)
CG-LTF13.5	.803 (20.4)	.614 (15.6)	.472 (12.0)	.374 (9.5)	.992 (25.2)	.697 (17.7)	.236472 (6-12)
CG-LTF16	.882 (22.4)	.701 (17.8)	.567 (14.4)	.402 (10.2)	1.051 (26.7)	.705 (17.9)	.394551 (10-14)
CG-LTF21	1.106 (28.1)	.874 (22.2)	.713 (18.1)	.441 (11.2)	1.193 (30.3)	.900 (22.6)	.512709 (13-18)
CG-LTF29	1.469 (37.3)	1.220 (31.0)	.996 (25.3)	.524 (13.3)	1.378 (35.0)	.996 (25.3)	.709984 (18-25)
CG-NPT3/8	.657 (16.7)	.425 (10.8)	.406 (10.3)	.575 (14.6)	.937 (23.8)	.661 (16.8)	.197394 (5-10)
CG-NPT1/2	.835 (21.2)	.587 (14.9)	.551(14.0)	.508 (12.9)	1.118 (28.4)	.736 (18.7)	.394551 (10-14)
CG-NPT3/4	1.035 (26.3)	.728 (18.5)	.709 (18.0)	.571 (14.5)	1.150 (29.2)	.878 (22.3)	.512709 (13-18)
CG-NPT1	1.268 (33.2)	1.024 (26.0)	.984 (25.0)	.587 (14.9)	1.378 (35.0)	1.012 (25.7)	.709984 (18-25)

HOLE PLUGS LIQUID TIGHT THRU PLUGS

- Liquid tight plugs are nylon and elastomer co-molded and can be pierced by round wire, cable or tubing to function as liquid tight bushing.
- Provide liquid tight closure when used as a plug and when pierced.
- Temperature Range: -40°F to 212°F (-40° C to 100° C)
- UL 635 certified and IP 67/68 rated.



Part Number	Panel Dimer	nsions	Cable Diameter Range	Part Din	nensions
	Thickness at locking Finger Steps	Mounting Hole Diameter		A Head Diameter	B Overall Height
HOLE PLUG-050	.080 (2.0)	.500 (12.7)	.080200 (2.0-5.1)	.92 (23.4)	.63 (15.9)
HOLE PLUG-063	.094 (2.4)	.625 (15.9)	.130375 (3.3-9.5)	1.03 (26.2)	.63 (15.9)
HOLE PLUG-075	.125 (3.2)	.750 (19.1)	.175400 (4.4-10.2)	1.15 (29.2)	.63 (15.9)
HOLE PLUG-088	.157 (4.0)	.875 (22.2)	.130450 (3.3-11.4)	1.28 (32.5)	.63 (15.9)
HOLE PLUG-100	.200 (5.1)	1.00 (25.4)	.200715 (5.1-18.2)	1.43 (36.6)	.63 (15.9)
HOLE PLUG-110	.250 (6.40)	1.093 (27.8)	.250765 (6.4-19.4)	1.53 (38.9)	.63 (15.9)











PREMIUM LINE ACCESSORIES

	Part Number	Description	Size	Ct. Qty.
Mounting Options				
7 7 7 7	MFKG	Mounting Feet Kit-Premium Line	n/a	1 EA
aaaa nooo	MFKSS	Mounting Feet Kit-Stainless Steel	n/a	1 EA
0000	MFLK6	Mounting Flange Kit 6"	n/a	1 EA
	MFLK8	Mounting Flange Kit 8"	n/a	1 EA
	MFLK10	Mounting Flange Kit 10"	n/a	1 EA
2 012 01	MFLK12	Mounting Flange Kit 12"	n/a	1 EA
i - i	MFLK14	Mounting Flange Kit 14"	n/a	1 EA
	MFLK16	Mounting Flange Kit 16"	n/a	1 EA
Aluminum Subpanels Pre-	-Drilled For SOPK			
	ABP-66	Aluminum Panel for 6"x6" Enclosure	4.88"x4.88"	1 EA
	ABP-86	Aluminum Panel for 8"x6" Enclosure	6.75"x4.88"	1 EA
	ABP-88	Aluminum Panel for 8"x8" Enclosure	6.75"x6.75"	1 EA
	ABP-108	Aluminum Panel for 10"x8"X4" or 6" Enclosure	8.75"x6.88"	1 EA
	ABP-1082	Aluminum Panel for 10"x8"X2" Enclosure	8.75"x6.88"	1 EA
	ABP-1210	Aluminum Panel for 12"x10" Enclosure	10.75"x8.88"	1 EA
	ABP-1412	Aluminum Panel for 14"x12" Enclosure	12.75"x10.88"	1 EA
	ABP-1614	Aluminum Panel for 16"x14" Enclosure	14.75"x12.88"	1 EA
	ABP-1816	Aluminum Panel for 18"x16" Enclosure	16.75"x14.88"	1 EA
Steel Panels for Compone	ent Installation - White	Paint Coating (Four mounting screws includ	ed)	
	SBP-66	Steel Panel for 6"x6" Enclosure	4.88"x4.88"	1 EA
	SBP-86	Steel Panel for 8"x6" Enclosure	6.75"x4.88"	1 EA
	SBP-88	Steel Panel for 8"x8" Enclosure	6.75"x6.75"	1 EA
	SBP-108	Steel Panel for 10"x8" Enclosure	8.75"x6.88"	1 EA
	SBP-1210	Steel Panel for 12"x10" Enclosure	10.75"x8.88"	1 EA
	SBP-1412	Steel Panel for 14"x12" Enclosure	12.75"x10.88"	1 EA
	SBP-1614	Steel Panel for 16"x14" Enclosure	14.75"x12.88"	1 EA
•	SBP-1816	Steel Panel for 18"x16" Enclosure	16.75"x14.88"	1 EA
PVC Panels for Compone	nt Installation - Grey	(Four mounting screws included)		
	PVCBP66	PVC Panel for 6"x6" Enclosure	4.88"x4.88"	1 EA
	PVCBP86	PVC Panel for 8"x6" Enclosure	6.75"x4.88"	1 EA
•	PVCBP88	PVC Panel for 8"x8" Enclosure	6.75"x6.75"	1 EA
	PVCBP108	PVC Panel for 10"x8"X4" or 6" Enclosure	8.75"x6.88"	1 EA
	PVCBP1082	PVC Panel for 10"x8"X2" Enclosure	8.75"x6.88"	1 EA
	PVCBP1210	PVC Panel for 12"x10" Enclosure	10.75"x8.88"	1 EA
•	PVCBP1412	PVC Panel for 14"x12" Enclosure	12.75"x10.88"	1 EA
	PVCBP1614	PVC Panel for 16"x14" Enclosure	14.75"x12.88"	1 EA
	PVCBP1816	PVC Panel for 18"x16" Enclosure	16.75"x14.88"	1 EA



PREMIUM LINE ACCESSORIES (CONT.)

	Part Number	Description	Size	Ct. Qty.
lear Replacement	t Covers - Includes Gaske	t, Cover Screws, and Hole Plugs		
	X66CSC-RPL	Clear Replacement Screw Cover w/Gasket	6"x6"	1 EA
¥	X66CHC-RPL	Clear Replacement Hinge Cover w/Gasket	6"x6"	1 EA
	X86CSC-RPL	Clear Replacement Screw Cover w/Gasket	8"x6"	1 EA
	X86CHC-RPL	Clear Replacement Hinge Cover w/Gasket	8"x6"	1 EA
	X88CSC-RPL	Clear Replacement Screw Cover w/Gasket	8"x8"	1 EA
	X88CHC-RPL	Clear Replacement Hinge Cover w/Gasket	8"x8"	1 EA
	X1008CSC-RPL	Clear Replacement Screw Cover w/Gasket	10"x8"	1 EA
	X1008CHC-RPL	Clear Replacement Hinge Cover w/Gasket	10"x8"	1 EA
	X1210CSC-RPL	Clear Replacement Screw Cover w/Gasket	12"x10"	1 EA
ı	X1210CHC-RPL	Clear Replacement Hinge Cover w/Gasket	12"x10"	1 EA
B	X1412CSC-RPL	Clear Replacement Screw Cover w/Gasket	14"x12"	1 EA
	X1412CHC-RPL	Clear Replacement Hinge Cover w/Gasket	14"x12"	1 EA
N.	X1614CSC-RPL	Clear Replacement Screw Cover w/Gasket	16"x14"	1 EA
al and a second	X1614CHC-RPL	Clear Replacement Hinge Cover w/Gasket	16"x14"	1 EA
	X1816CSC-RPL	Clear Replacement Screw Cover w/Gasket	18"x16"	1 EA
	X1816CHC-RPL	Clear Replacement Hinge Cover w/Gasket	18"x16"	1 EA
emium Line Repl	lacement Covers - Include	es Gasket, Screws, and Hole Plugs		
	H66CSO-RPL	Replacement Screw Cover w/Gasket	6"x6"	1 EA
0	H66CHO-RPL	Replacement Hinge Cover w/Gasket	6"x6"	1 EA
	H86CSO-RPL	Replacement Screw Cover w/Gasket	8"x6"	1 EA
	H86CHO-RPL	Replacement Hinge Cover w/Gasket	8"x6"	1 EA
	H88CSO-RPL	Replacement Screw Cover w/Gasket	8"x8"	1 EA
	H88CHO-RPL	Replacement Hinge Cover w/Gasket	8"x8"	1 EA
	H1008CSO-RPL	Replacement Screw Cover w/Gasket	10"x8"	1 EA
	H1008CHO-RPL	Replacement Hinge Cover w/Gasket	10"x8"	1 EA
9	H1210CSO-RPL	Replacement Screw Cover w/Gasket	12"x10"	1 EA
	H1210CHO-RPL	Replacement Hinge Cover w/Gasket	12"x10"	1 EA
	H1412CSO-RPL	Replacement Screw Cover w/Gasket	14"x12"	1 EA
	H1412CHO-RPL	Replacement Hinge Cover w/Gasket	14"x12"	1 EA
	H1614CSO-RPL	Replacement Screw Cover w/Gasket	16"x14"	1 EA
0	H1614CHO-RPL	Replacement Hinge Cover w/Gasket	16"x14"	1 EA
	H1816CSO-RPL	Replacement Screw Cover w/Gasket	18"x16"	1 EA
	H1816CHO-RPL	Replacement Hinge Cover w/Gasket	18"x16"	1 EA





PREMIUM LINE ACCESSORIES (CONT.)

	Part Number	Description	Ct. Qty
Swing Panel Kit Hardwar	e Only		
2 777 M	Kit inlcudes the two hinge swin into any Premium Integra Enclo	ng arms,four panel mount brackets and hardware needed to assemble osure.	the system
	USOPK-B	Universal Swing Panel Kit - Black	1 EA
111	USOPK-G	Universal Swing Panel Kit - Gray	1 EA
uminum Subpanels Pre	-Drilled For SOPK		
	ABP-66USP	Panel for 6x6 Swing Kit	1 EA
	ABP-86USP	Panel for 8x6 Swing Kit	1 EA
	ABP-88USP	Panel for 8x8 Swing Kit	1 EA
	ABP-108USP	Panel for 10x8 Swing Kit	1 EA
	ABP-1210USP	Panel for 12x10 Swing Kit	1 EA
•	ABP-1412USP	Panel for 14x12 Swing Kit	1 EA
	ABP-1614USP	Panel for 16x14 Swing Kit	1 EA
	ABP-1816SP	Panel for 18x16 Swing Kit	1 EA
omplete Kits Including (One Panel and All Hardware	e Needed to Install Swing Door	
	ABP-66USP/USOPK	Swing Panel Kit for 6x6	1 EA
	ABP-86USP/USOPK	Swing Panel Kit for 8x6	1 EA
	ABP-88USP/USOPK	Swing Panel Kit for 8x8	1 EA
	ABP-108USP/USOPK	Swing Panel Kit for 10x8	1 EA
	ABP-1210USP/USOPK	Swing Panel Kit for 12x10	1 EA
	ABP-1412USP/USOPK	Swing Panel Kit for 14x12	1 EA
	ABP-1614USP/USOPK	Swing Panel Kit for 16x14	1 EA
	ABP-1816USP/USOPK	Swing Panel Kit for 18x16	1 EA
scellaneous Accessorie	es		
ල ලැක් කිරීම	BPAKB	Back Panel Adjustment Kit - Black Set Screw	1 EA
**************************************	BPAKG	Back Panel Adjustment Kit - Gray Set Screw	1 EA
WH W	UBPAKB	Universal Back Panel Adjustment Kit - Black Thumb Screw	1 EA
	UBPAKG	Universal Back Panel Adjustment Kit - Gray Thumb Screw	1 EA
V-4 ,0-4	DIN6	DIN Rail Kit 6" (2 rails, 4 screws)	1 EA
T	DIN8	DIN Rail Kit 8" (2 rails, 4 screws)	1 EA
	DIN10	DIN Rail Kit 10" (2 rails, 4 screws)	1 EA
	DIN12	DIN Rail Kit 12" (2 rails, 4 screws)	1 EA
T	DIN14	DIN Rail Kit 14" (2 rails, 4 screws)	1 EA
	DIN16	DIN Rail Kit 16" (2 rails, 4 screws)	1 EA
TTTTTTTTT	SP-10I	Screw Pack (for mounting to bosses, 10)	1 EA
	SSLL-KIT	Stainless Steel Locking Latch Kit	1 EA
	Cat 60 Lock	Cat 60 Lock	1 EA
* [9	Cat 90 Lock	Cat 90 Lock	1 EA
	VENT 3	3" Aluminum Louvered	1 EA
	Vent 2	Outdoor Labyrinth	1 EA



POLE MOUNTING KITS

	Part Number	Description	Ctn. Qty.
Pole Mounting Kits			
	PMKG-26	For 6" Wide Enclosure - 2" Pole	1 EA
	PMKG-28	For 8" Wide Enclosure - 2" Pole	1 EA
	PMKG-210	For 10" Wide Enclosure - 2" Pole	1 EA
10-1	PMKG-212	For 12" Wide Enclosure - 2" Pole	1 EA
	PMKG-214	For 14" Wide Enclosure - 2" Pole	1 EA
	PMKG-216	For 16" Wide Enclosure - 2" Pole	1 EA
	PMKG-216-GEN	For 16" Wide Enclosure - 2" Pole	1 EA
	PMKG-224	For 24" Wide Enclosure - 2" Pole	1 EA
	PMKG-36	For 6" Wide Enclosure - 3" Pole	1 EA
	PMKG-38	For 8" Wide Enclosure - 3" Pole	1 EA
	PMKG-310	For 10" Wide Enclosure - 3" Pole	1 EA
	PMKG-312	For 12" Wide Enclosure - 3" Pole	1 EA
- 60	PMKG-314	For 14" Wide Enclosure - 3" Pole	1 EA
	PMKG-316	For 16" Wide Enclosure - 3" Pole	1 EA
	PMKG-316-GEN	For 16" Wide Enclosure - 3" Pole	1 EA
	PMKG-324	For 24" Wide Enclosure - 3" Pole	1 EA
	PMKG-46	For 6" Wide Enclosure - 4" Pole	1 EA
	PMKG-48	For 8" Wide Enclosure - 4" Pole	1 EA
	PMKG-410	For 10" Wide Enclosure - 4" Pole	1 EA
	PMKG-412	For 12" Wide Enclosure - 4" Pole	1 EA
	PMKG-414	For 14" Wide Enclosure - 4" Pole	1 EA
	PMKG-416	For 16" Wide Enclosure - 4" Pole	1 EA
	PMKG-416-GEN	For 16" Wide Enclosure - 4" Pole	1 EA
	PMKG-424	For 24" Wide Enclosure - 4" Pole	1 EA
	PMKG-126	For 6" Wide Enclosure - 12" Pole	1 EA
	PMKG-128	For 8" Wide Enclosure - 12" Pole	1 EA
	PMKG-1210	For 10" Wide Enclosure - 12" Pole	1 EA
	PMKG-1212	For 12" Wide Enclosure - 12" Pole	1 EA
	PMKG-1214	For 14" Wide Enclosure - 12" Pole	1 EA
	PMKG-1216	For 16" Wide Enclosure - 12" Pole	1 EA
	PMKG-1216-GEN	For 16" Wide Enclosure - 12" Pole	1 EA

Features and Benefits

These kits contain all galvanized steel components and zincplated steel fasteners, designed to securely fasten your Integra enclosure to a metal pole









IMPACT SERIES ACCESSORIES

	Part Number	Description	Size	Ct. Qty
Miscellaneous Accessori	es			
	DIN4-IMP	DIN Rail Kit 4" (2 rails, 4 tapping screws)		1 EA
	DIN6-IMP	DIN Rail Kit 6" (2 rails, 4 tapping screws)		1 EA
TTTT	DIN8-IMP	DIN Rail Kit 8" (2 rails, 4 tapping screws)		1 EA
7777777777	SP-8	Screw Pack (10 pcs) (For Impact line except P9082(C) bosses)		1 EA
TTTTTTTTT	SP-10I	Screw Pack (10 pcs) (For Impact P9082(C) bosses)		1 EA
Swing Panel and Face P	late Kits and Parts		l.	
ace	FPSK-44-IMP	Face Plate Support Kit for P4043, 4 support panels & 8 screws		1 EA
late Kit or P4043 nclosures	SOPK66/86-IMP	2 Ridget Brackets, 1 Pivot Bracket & 8 Self-Tapping Screws		1 EA
	ASWPK66-IMP	Complete Aluminum Swing Panel Kit, includes SOPK-IMP	5.90"x5.38"	1 EA
Outin a	ASWPK86-IMP	Complete Aluminum Swing Panel Kit, includes SOPK-IMP	5.93"x7.38"	1 EA
Swing Panel Kit	ABP-108USP/USOPK	Universal Swing Panel Kit for 10x8	8.75"x6.88	1 EA
for P6063 & P8063	ASWP66-IMP	Aluminum Swing Panel for Impact 6"x6" Enclosure	5.90"x5.38"	1 EA
Enclosures	ASWP86-IMP	Aluminum Swing Panel for Impact 8"x6" Enclosure	5.93"x7.38"	1 EA
Face Plate	AFPK44-IMP	Complete Face Plate Kit, includes Aluminum Plate and Support Kit	4.29"x4.29"	1 EA
	AFPK66-IMP	Complete Face Plate Kit, includes Aluminum Plate and SOPK-IMP	5.93"x5.93"	1 EA
	AFPK86-IMP	Complete Face Plate Kit, includes Aluminum Plate and SOPK-IMP	5.93"x7.93"	1 EA
	AFP44-IMP	Aluminum face plate for 4"x4" Enclosure	4.29"x4.29"	1 EA
it for P6063 & P8063	AFP66-IMP	Aluminum face plate for 6"x6" Enclosure	5.93"x5.93"	1 EA
Enclosures	AFP86-IMP	Aluminum face plate for 8"x6" Enclosure	5.93"x7.93"	1 EA
Aluminum Back Panels (Four mounting screws incl	luded)		
(ABP44-IMP	Aluminum Back Panel for Impact 4"x4" Enclosure	3.50"x3.50	1 EA
•	ABP66-IMP	Aluminum Back Panel for Impact 6"x6" Enclosure	4.88"x4.88"	1 EA
	ABP86-IMP	Aluminum Back Panel for Impact 8"x6" Enclosure	6.75"x4.88"	1 EA
	ABP98-IMP	Aluminum Back Panel for Impact 9"x8" Enclosure	6.75"x6.88"	1 EA
•	ABP108-IMP	Aluminum Back Panel for Impact 10"x8" Enclosure	8.75"x6.88"	1 EA
Steel Back Panels (Four	mounting screws included	(1)		
	SBP44-IMP	Steel Back Panel for Impact 4"x4" Enclosure	3.50"x3.50	1 EA
	SBP66-IMP	Steel Back Panel for Impact 6"x6" Enclosure	4.88"x4.88"	1 EA
	SBP86-IMP	Steel Back Panel for Impact 8"x6" Enclosure	6.88"x4.88"	1 EA
	SBP98-IMP	Steel Back Panel for Impact 9"x8" Enclosure	6.88"x6.88"	1 EA
•	SBP108-IMP	Steel Back Panel for Impact 10"x8" Enclosure	8.88"x6.88"	1 EA
PVC Back Panels (Four	mounting screws included			
,	PVCBP44-IMP	PVC Panel for Impact 4"x4" Enclosure	3.50"x3.50	1 EA
•	PVCBP66-IMP	PVC Panel for Impact 6"x6" Enclosure	4.88"x4.88"	1 EA
	PVCBP86-IMP	PVC Panel for Impact 8"x6" Enclosure	6.75"x4.88"	1 EA
	PVCBP98-IMP	PVC Panel for Impact 9"x8" Enclosure	6.75"x6.88"	1 EA
•	PVCBP108-IMP	PVC Panel for Impact 10"x8" Enclosure	8.75"x6.88"	1 EA
		· ·		



IMPACT SERIES ACCESSORIES (CONT.)

	Part Number	Description		Ct. Qty.
Replacement Covers	include Cover with gask	et (Stainless locking latch not included)		
4	P66CHO-RPL	Standard hinge, integrated latch, opaque	6"x6"	1 EA
	P66CHC-RPL	Standard hinge, integrated latch, clear	6"x6"	1 EA
	P66CHOLL-RPL	Standard hinge, hasp latch, opaque	6"x6"	1 EA
d d	P66CHCLL-RPL	Standard hinge, hasp latch, clear	6"x6"	1 EA
	P66CLPO-RPL	Low profile hinge, integrated latch, opaque	6"x6"	1 EA
	P66CLPC-RPL	Low profile hinge, integrated latch, clear	6"x6"	1 EA
	P66CLPOLL-RPL	Low profile hinge, hasp latch, opaque	6"x6"	1 EA
	P66CLPCLL-RPL	Low profile hinge, hasp latch, clear	6"x6"	1 EA
	P86CHO-RPL	Standard hinge, integrated latch, opaque	8"x6"	1 EA
3	P86CHC-RPL	Standard hinge, integrated latch, clear	8"x6"	1 EA
	P86CHOLL-RPL	Standard hinge, hasp latch, opaque	8"x6"	1 EA
	P86CHCLL-RPL	Standard hinge, hasp latch, clear	8"x6"	1 EA
	P86CLPO-RPL	Low profile hinge, integrated latch, opaque	8"x6"	1 EA
	P86CLPC-RPL	Low profile hinge, integrated latch, clear	8"x6"	1 EA
	P86CLPOLL-RPL	Low profile hinge, hasp latch, opaque	8"x6"	1 EA
III.	P86CLPCLL-RPL	Low profile hinge, hasp latch, clear	8"x6"	1 EA
	P98CHO-RPL	Standard hinge, integrated latch, opaque	9"x8"	1 EA
	P98CHC-RPL	Standard hinge, integrated latch, clear	9"x8"	1 EA
	P108CHO-RPL	Standard hinge, integrated latch, opaque	10"x8"	1 EA
	P108CHC-RPL	Standard hinge, integrated latch, clear	10"x8"	1 EA
	P108CHOLL-RPL	Standard hinge, hasp latch, opaque	10"x8"	1 EA
1	P108CHCLL-RPL	Low profile hinge, integrated latch, clear	10"x8"	1 EA
	P108CLPO-RPL	Low profile hinge, integrated latch, opaque	10"x8"	1 EA
딝	P108CLPC-RPL	Low profile hinge, hasp latch, clear	10"x8"	1 EA
	P108CLPOLL-RPL	Low profile hinge, hasp latch, opaque	10"x8"	1 EA
	P108CLPCLL-RPL	Low profile hinge, hasp latch, clear	10"x8"	1 EA
Pole Mounting Kits				
0.5 Modriting Nito	PMKG-26-IMP	For 6" Enclosure -2" pole		1 EA
0-1	PMKG-28-IMP	For 8" Enclosure -2" pole		1 E/
	PMKG-36-IMP	For 6" Enclosure -3" pole		1 E
8	PMKG-38-IMP	For 8" Enclosure -3" pole		1 E
EC	PMKG-46-IMP	For 6" Enclosure - 4" pole		1 E
6 19 0	PMKG-48-IMP	For 8" Enclosure - 4" pole		1 E
12	PMKG-128-IMP	For 8" Enclosure - 10 to 12" pole		1 E
	CAMKG-610-IMP	6" Cross Arm Pole Mount Kit for P9082		1 E
	UNIVERSAL POLE MOU	INT KITS FOR IMPACT LINE		
	PMKG-2346-IMP	For 2"-6" pole, All Impact Enclosures		1 E/
	PMKG-12-IMP	For 12" pole, All Impact Enclosures		1 EA



GENESIS SERIES ACCESSORIES

		Part Number	Description	Size	Ct. Qty.
Back Panels	5				
4		ABP-2016	Aluminum back panel/swing panel for Genesis 20"x16"x08"	18.88"x18.88"	1 EA
1	-	ABP-2424	Aluminum back panel/swing panel for Genesis 24"x24"x10"	21" x 21"	1 EA
		SBP-2016	Steel back panel/swing panel for Genesis 20"x16"x08"	18.88"x18.88"	1 EA
		SBP-2424	Steel back panel/swing panel for Genesis 24"x24"x10"	21" x 21"	1 EA
1111	PVCBP		PVC back panel/swing panel for Genesis 20"x16"x08"	18.88"x18.88"	1 EA
		PVCBP-2424	PVC back panel/swing panel for Genesis 24"x24"x10"	21" x 21"	1 EA
Side Panels	,				
		ASP-2424	Aluminum side panel for Genesis 24"x24"x10"	21.75"x7.88"	1 EA
		SSP-2424	Steel side panel for Genesis 24"x24"x10"	21.75"x7.88"	1 EA
Swing Pane	l Accessorie	s			
		ABP-2016-GSOPK	Aluminum 20" back/swing panel and 20" hinge for swing panel	18.88"x18.88"	1 EA
-		ABP-2424-GSOPK	Aluminum 24" back/swing panel and 24" hinge for swing panel	21"x21"	1 EA
	1	SBP-2016-GSOPK	Steel 20" back/swing panel and 20" hinge for swing panel	18.88"x18.88"	1 EA
		SBP-2424-GSOPK	Steel 24" back/swing panel and 24"hinge for swing panel	21"x21"	1 EA
	1000	GSOPK20	20" aluminum hinge for Swing Panel	N/A	1 EA
		GSOPK24	24" aluminum hinge for Swing Panel	N/A	1 EA
Parts & Acc	essories				
	THE STREET STATE OF THE STATE O	GMFL24-Set	24"x24"x10" Mounting Flange Set (set of 2 plus hardware)		1 EA
	Multi-Max	GMFL-Screws	Mounting Flange Screws - Set of 10 screws		1 EA
	Frame	KIT-GPP-2016	Panel Pad Kit - (four panel brackets) for Genesis 20"x16"x08"		1 EA
		KIT-GPP	Panel Pad Kit - (four panel brackets) for Genesis 24"x24"x10"		1 EA
Multi-Max Rails		GSR2016	20"x16"x08" Multi-Max Frame Stiffener Ring		1 EA
	60	GSR2424	24"x24"x10" Multi-Max Frame Stiffener Ring		1 EA
Panel Pad Kit	71	KIT-GMMR8	Multi-Max Rails with screws - 8" depth (set of 4 with screws)		1 EA
au Kit		KIT-GMMR10	Multi-Max Rails with screws - 10" depth (set of 4 with screws)		1 EA
	_	GMMR-Screws	Multi Max Rail screws - set of 12 screws		1 EA
	Fan Shroud	KIT-GPCL-2PK	Non-Metallic Latches (package containing 2 latches) for 20"x16"x08"		1 EA
+	Kits	KIT-GPCL-4PK	Non-Metallic Latches (package containing 4 latches) for 24"x24"x10"		1 EA
A		FS-KIT-1	Fan Shroud Kit - one pc (includes gsket and screws)		1 EA
an Shroud		FS-KIT-2	Fan Shroud Kit - two pcs (includes gasket and screws)		1 EA
/ent Filter (its		FSFK-1	Fan Shroud Vent Filter Kit - one pc (includes gasket and screws)		1 EA
(III)		FSFK-2	Fan Shroud Vent Filter Kit - two pcs (includes gasket and screws)		1 EA
Replacemer	nt Covers - I	ncludes Cover and	Gasket		
		G2016CHO-RPL	20"x16"x08" Opaque Replacement Lid		1 EA
	E	G2424CHO-RPL	24"x24"x10" Opaque Replacement Lid		1 EA
		G2016CHC-RPL	20"x16"x08" Clear Replacement Lid		1 EA
ŧ.	F	G2424CHC-RPL	24"x24"x10" Clear Replacement Lid		1 EA





EXCLUSIVELY AVAILABLE ON THE IMPACT 6X6X3 AND 8X6X3 ENCLOSURES

BENEFITS OF SWING PANEL AND FACE PLATE SYSTEM

This system is smart, simple and easy....

- · Minimum number of parts to install
- · One tool needed for complete installation
- Face plates, swing panels and complete kits in stock
- Custom panels available (consult factory)

A Phillips screw driver is all that is needed to install either system.



This is a great enclosure for any customer. The crystal clear covers facilitates an excellent view of LEDs, digital displays, switches, and other communication devices. Silk screened panels, stickers or other overlays are available from Integra to complete the look of your product. Call us so we can review your application and options.

IMPACT FACE PLATE KIT ASSEMBLY



It's as easy as one, two, three...

FACE PLATE System

- 1. Install Four #8 self tapping screws to secure the brackets to the enclosure
- 2. Install Four #8 self-tapping screws to secure the face plate to brackets
- 3. You're done

IMPACT SWING PANEL KIT ASSEMBLY



SWING PANEL System

- Install Four #8 self tapping screws to secure the brackets to the enclosure
- 2. Install Four or Six(your choice) #8 self-tapping screws to secure the swing panel to the brackets
- 3. You're done



ABOUT INTEGRA ENCLOSURES

Integra manufactures and markets thermoplastic enclosures designed for use in construction, water treatment, utility, telecommunication, instrumentation, remote monitoring, energy and other applications requiring enclosures that are non-corrosive, non-conductive, easy to install/modify and competitively priced.



FREQUENTLY ASKED QUESTIONS (FAQ'S)

- Q: What is included with a standard Integra enclosure?
- A: Each enclosure is shipped assembled with the base, cover with the gasket installed with four threaded inserts on the back of the base, four for cover attachment, and four for back panel attachment. Also included is a packet with four mounting feet and four mounting feet screws.
- Q: Are the enclosures watertight (NEMA 4X)?
- A: Yes. All Integra enclosures are NEMA 4X. As opposed to many competitors' products, Integra enclosures are 4X with latches only or with two screws (in the case of a hinged cover). NEMA 6P enclosures are aldo available.
- Q: What colors are available?
- A: Standard color is gloss gray for the Premium Line, Impact Line and Genesis Line. Custom molded color is available. Contact us directly for a quote.
- Q: Are the enclosures UL-listed? How about Canada?
- A: Premium Line, Impact Line, and Genesis Line enclosures are listed as UL-50E, Cabinet and Cutout Boxes. Our file number is E207562. Integra is also C-UL Listed for use in Canada and we are Marine Listed for coastal or marine applications.
- Q: I notice that the covers and sidewalls are not flat. Why is that, and does the shape preclude the installation of hubs and components?
- A: The covers and sidewalls of all Integra enclosures are slightly convex. This was done to ensure that the covers and the base will resist warping, which is a problem that plagues non-metallic "flat" enclosures. A warped cover or base will not seal properly, and watertightness fails as a result. Another benefit of the shaping is to provide a stronger box. Therefore standard hubs and components can be installed and seated on the surfaces of the enclosure, using standard gaskets.
- O: Are modifications available?
- A: Yes, modifications such as machined holes or slots are available. Integra can also provide latch installation, DIN-rail installation, or back panel installation. Contact us for more information and a quote. Also, we do have our CAD drawings downloadable from our website. Use those to define the shape and location of your modifications and e-mail that to us at sales@integraenclosures.com.
- Q: Are back panels available from Integra?
- A: Yes, we offer back panels in coated steel, bare aluminum and polycarbonate.
- Q: If I use DIN-rail mounted components, will I need a back panel?
- A: Probably not. All Integra enclosures feature molded-in mounting bosses on the bottom of the enclosure at intervals of approximately 1 inch, located around the entire perimeter of the enclosure. This allows you to install DIN rails at virtually any location, avoiding the need and expense of a back panel.
- Q: How does the Integra Back Panel Adjustment System work?
- A: The Integra Back Panel Adjustment System consists of four mounting pads that slide on T-shaped rails molded into the four corners of the enclosure base. The mounting pads, which are provided with brass threaded inserts for panel attachment, are held in place by inserting a set screw. The set screw, which can be adjusted with the back panel in place, is inserted into a channel in the mounting pad which causes the set screw to engage with the T-rail, providing a positive attachment. The kit includes four mounting pads, eight set screws, an allen wrench, four back panel attachment screws, and an instruction sheet. (PN's BPAKG and BPAKB)



FAQ'S (CONT.)

- Q: What are the advantages of the Integra product over the metal and fiberglass product I am buying now?
- A: There are several important advantages:
 - 1. The engineered thermoplastic enclosure has dramatically better impact resistance. For example, the Premium Line enclosure has an impact resistance of over 900 lb/in, while fiberglass typically has an impact resistance of less than 220 lb/in.
 - 2. Thermoplastic enclosures are available with a clear cover. For a fiberglass product, an expensive and potentially leaky window installation is required.
 - 3. Thermoplastic enclosures feature a 100% non-metallic hinge design. Fiberglass products normally feature a steel hinge pin that will eventually corrode.
 - 4. Thermoplastic enclosures tend to offer more features inside the enclosure to support component installation. For example, fiberglass products tend to have only four mounting bosses on the base of the box. Integra products feature those same four mounting bosses, plus molded-in mounting bosses surrounding the perimeter of the enclosure (see the DIN-rail comment above). Integra also offers the patented Back Panel Adjustment System, which eliminates the need for expensive stand-offs or allows the installation of multiple panels.
 - 5. Thermoplastic enclosures are much easier and safer to machine, with none of the dust and splintering associated with fiberglass.
 - 6. Fiberglass enclosures will "bloom" when exposed to sunlight. In fact, manufacturers of FRP enclosures recommend painting their products. This is not necessary with Integra thermoplastic enclosures.
- Q: What if I buy an opaque cover enclosure and decide later that I really want a clear cover?
- A: You can order clear covers, with gaskets installed, and easily replace it in the field.
- Q: I notice that the enclosures are not metric. Why not, and how do you address this concern?
- A: Integra provides "dual-dimension" data for our line of enclosures. Also, note that our "DIN rail friendly" design speaks directly to the need for European-designed components and the spreading use of DIN rail mounted components.
- Q: Can Integra enclosure products be mounted underwater or underground?
- A: Integra's screw-closed configurations, including the hinged versions as well as the non-hinged versions, are now UL-Type 6P rated when the four provided attachment screws are used.
- Q: How do I clean an Integra enclosure?
- A: Only light soapy water is recommended to clean your enclosure.
- Q: What kind of thread locker can be used on Integra enclosures?
- A: Chemical Chemical thread locking compounds are not recommended. Anti-seize thread release agents are also not recommended.
 - Mechanical A mechanical thread locking device is acceptable, such as a lock washer, provided a flat washer is used between the locking element and polycarbonate.
- Q: What are the torque specifications for Integra enclosures?
- A: Mounting Feet/Flange 25-30 in.-lbs.
 - Back Panel 10-15 in.-lbs.
 - Enclosure Cover 8-10 in.-lbs.



NEMA / UL-50 TYPE RATINGS

Definition: An Enclosure is a surrounding case constructed to provide a degree of protection against incidental contact with the enclosed equipment and to provide a degree of protection to the enclosed equipment against specified environmental conditions.

- **Type 1** Intended for indoor use primarily to provide a degree of protection against limited amounts of falling dirt.
- **Type 2** Intended for indoor use primarily to provide a degree of protection against limited amounts of falling water and dirt.
- **Type 3** Intended for outdoor use primarily to provide a degree of protection against rain, sleet, wind blown dust, and damage from external ice formation.
- **Type 3R** Intended for outdoor use primarily to provide a degree of protection against rain, sleet, and damage from external ice formation.
- **Type 3S** Intended for use primarily to provide a degree of protection against rain, sleet, windblown dust and to provide for operation of external mechanisms when ice laden.
- **Type 4** Intended for indoor or outdoor use primarily to provide a degree of protection against windblown dust and rain, splashing water, hose-directed water, and damage from external ice formation.
- **Type 4X** Intended for indoor or outdoor use primarily to provide a degree of protection against corrosion, windblown dust and rain, splashing water, hose-directed water, and damage from external ice formation.
- **Type 5** Intended for indoor use primarily to provide a degree of protection against settling airborne dust, falling dirt, and dripping non-corrosive liquids.
- **Type 6** Intended for indoor or outdoor use primarily to provide a degree of protection against hose-directed water, and the entry of water during occasional temporary submersion at a limited depth and damage from external ice formation.
- **Type 6P** Intended for indoor or outdoor use primarily to provide a degree of protection against hose-directed water, the entry of water during prolonged submersion at a limited depth and damage from external ice formation.
- **Type 12/12K** Intended for indoor use primarily to provide a degree of protection against circulating dust, falling dirt, and dripping non-corrosive liquids.
- **Type 13** Intended for indoor use primarily to provide a degree of protection against dust, spraying of water, oil, and noncorrosive coolants.
- **Marine Use** For use in or around marine and coastal environments to provide a degree of protection from corrosion, rain, dust, splashing and hose-directed water, and damage from external ice formation.



TECHNICAL INFORMATION

Chemical Resistance

WARNING!: Variations in chemical behavior during handling due to factors such as temperature, pressure, and concentration can cause equipment to fail, even though it passed an initial test. SERIOUS INJURY MANY RESULT! Use suitable guards and/or personal protection when handling chemicals. The information in this chart has been supplied by reputable sources and is to be used ONLY as a guide in selecting equipment for appropriate compatibility. Before permanent installation test the equipment with the chemicals and under the specific conditions of your application. Ratings of chemical behavior listed in this chart apply to a 48-hr exposed period. There is no knowledge of possible effects beyond this period. This does not warrant (neither express nor implied) that the information in this chart is accurate or complete or that any material is suitable for any purpose.

S = Satisfactory and completely unaffected M = Moderate resistance

L = Limited resistance/some chemical attack over time U = Unsatisfactory. Severe attack in a short time

Chemical	Polycarbonate	Telcom	Polyester	Stainless	
Onemical	1 Olycarbonate	Telcom	Glass	Steel	Steel
Acetic Acid (10%)	S	L	S	U	U
Acetone	U	U	U	S	S
Aluminum Chloride (10%)	S	S	S	S	U
Aluminum Sulfate (10%)	S	S	S	S	U
Ammonia Gas	-	-	L	S	S
Ammonium Chloride	S	S	L	M	S
Ammonium Hydroxide (10%)	U	М	L	S	U
Ammonium Nitrate (10%)	U	-	L	S	S
Ammonium Phosphate (10%)	S	S	S	S	U
Ammonium sulfate	-	S	S	M	U
ASTM #1 Oil	M	L	-	S	S
ASTM #3 Oil	M	L	-	S	S
Axle Grease	M	L	-	S	S
Boric Acid (10%)	S	S	S	S	U
Calcium Chloride (10%)	S	М	S	L	L
Calcium Hydroxide (10%)	S	-	U	M	S
Carbolic Acid (25%) Phenol	U	U	L	M	U
Carbon Tetrachloride	U	U	S	M	U
Chlorine (water) 5-10 ppm	S	S	-	S	М
Chrome Plating Solution	S	L	-	U	U
Chromic Acid	-	S	S	M	U
Citric Acid (10%)	S	U	S	S	U
Copper Sulfate	-	-	-	M	U
Cutting Fluid (Norton 205)	S	L	-	S	S
Ethyl Alcohol	M	М	М	S	S
Ethylene Glycol	S	S	S	S	S
Ferric Chloride	S	S	S	U	U
Formaldehyde	-	S	S	S	S
Formic Acid	S	M	L	S	U



Chemical	Polycarbonate	Telcom	Polyester	Stainless	6.
			Glass	Steel	Steel
Fuel Oil (#2)	-	S	U	S	S
Gasoline	-	U	S	S	S
Glycerin	-	L	S	S	S
Hydraulic Brake Fluid	U	U	-	S	S
Hydraulic Oil	М	U	S	S	S
Hydrochloric Acid (10%)	S	S	L	U	U
Hydrofluoric Acid (20%)	М	L	S	U	U
Hydrogen Peroxide		L	S	М	M
Hydrogen Sulfide	S	М	-	L	U
Isopropyl Alcohol	S	М	-	S	S
Kerosene	М	U	S	S	S
Lacquer Thinner	U	U	-	S	L
Loctite	U	U	U	S	S
Liquid Dish Soap (10%)	S	-	S	S	S
Lubricating Oils	-	M	S	S	S
Magnesium Chloride (10%)	S	M	M	S	S
Magnesium Hydroxide (10%)	S	M	M	S	S
Methyl Ethyl Ketone	-	U	S	S	S
Methylene Chloride	U	U	U	S	<u>S</u>
Mineral Spirits	M	U	S	S	<u>S</u>
Motor Oil (10 weight)	S	L	-	S	<u>S</u>
Nitric Acid (10%)	L	M	M	L	<u>U</u>
Perchlorethylene	U	U	-	S	S
Phosphoric Acid (25%)	S	 M	U	-	
Phosphoric Acid (50%)	S	M	U	U	U
	S				
Potassium Carbonate (10%)	S	S	L	M	L
Potassium Chloride (25%)		S	S	S	S
Potassium Hydroxide (25%)	U	S	L	S	S
Potassium Nitrate (10%)	S	S	S	S	S
Potassium Sulfate (10%)	S	S	S	S	S
Soap (Igepal) 10%	S	S	S	S	S
Sodium Bicarbonate (10%)	S	S	S	S	L
Sodium Bisulfate (10%)	S	S	-	U	U
Sodium Chloride (25%)	S	S	S	M	U
Sodium Hydroxide	U	M	U	M	M
Sodium Hypochlorite	S	S	L	L	U
Sodium Nitrate (10%)	S	-	S	M	M
Sodium Phosphate (10%)	S	S	L	M	U
Sulfuric Acid (25%)	S	S	U	U	U
Tannic Acid (10%)	S	S	-	M	L
Toluene	U	U	-	S	S
Trichloroethylene	-	U	U	M	M
Trisodium Phosphate	-	М	-	M	<u>-</u>
Turpentine	S	U	S	S	S
Vegetable Oils	-	S	S	S	S
Xylene	U	U	S	M	M
Zinc Chloride	М	S		М	U











TERMS AND CONDITIONS OF SALE

- 1. Orders become effective only when accepted and approved by Integra. Integra's acceptance is expressly made conditional on the Customer's assent to the terms and conditions contained herein and to the terms and conditions of any proposal issued by Integra to the Customer, and Integra agrees to furnish the material covered by the order only upon such terms and conditions. Any of the terms or provisions of the Customer's order which are inconsistent with the terms and provisions contained herein are not agreed to by Integra and shall not be binding on Integra and shall not be considered applicable to the sale or shipment of the materials ordered.
- 2. There shall be a minimum order amount of \$50.00 exclusive of freight.
- 3. Orders, shipments, and terms of payment are subject to the approval of Integra's Credit Department. Invoices shall be rendered when the materials are shipped. Terms of payment are net 30 days unless otherwise agreed by Integra. Interest may be charged on overdue accounts at the rate of 1.5% per month. Accounts that exceed 60 days may be placed on C.O.D. status at the discretion of Integra. Accounts that exceed 120 days shall be placed for collection. Payments shall be made to Integra Enclosures, P. O. Box 1870, Mentor, Ohio 44061-1870.
- 4. Materials are sold FOB our plant and title shall pass upon delivery to the carrier. Integra is not responsible for any loss or damage incurred in transit and any claim must be made by the Customer. Integra shall assist in the filing of any claim, at the request of the Customer.
- 5. Shipment dates are given based on current inventories and production plans. However, Integra shall not be responsible for any partial or total failure to deliver or for any delay incurred caused by accidents, delays in transportation, fires, explosions, floods, earthquakes, or other acts of nature, riots, strikes, or other causes beyond Integra's reasonable control.
- 6. Orders for non-standard materials, such as modified product, are not cancelable and not returnable without Integra's prior consent. Should consent be given, Integra reserves the right to recover all direct costs incurred as a result of the cancellation.
- 7. Returns of compliant materials may be returned at the customers request only upon the approval of Integra. Materials must be in re-sellable condition and in their original packaging. Returns not accompanied by a new order of greater or equal value shall be subject to a restocking fee of 25 percent of the original sale price.
- 8. INTEGRA WARRANTS THAT THE MATERIALS SOLD TO THE CUSTOMER ARE FREE FROM DEFECTS IN MATERIAL AND WORKMANSHIP AT THE TIME OF SHIPMENT. THE CUSTOMER SHALL NOTIFY INTEGRA IN WRITING WITHIN 30 DAYS OF RECEIPT FOR ANY CLAIMED DEFECTS OR NON-CONFORMING MATERIALS.

NO MATERIALS CAN BE RETURNED WITHOUT THE PRIOR CONSENT OF INTEGRA, AND IF APPROVED SHALL BE RETURNED TO INTEGRA FREIGHT PREPAID. INTEGRA'S LIABILITY FOR ANY BREACH OF THIS WARRANTY SHALL BE LIMITED TO EITHER REPLACEMENT OF THE MATERIALS OR, AT INTEGRA'S SOLE OPTION, THE REFUND OF THE PURCHASE PRICE. INTEGRA SHALL NOT BE HELD LIABLE FOR ANY INCIDENTAL OR CONSEQUENTIAL DAMAGES CAUSED BY BREACH OF THIS WARRANTY. THIS EXCLUSION APPLIES WHETHER SUCH DAMAGES WERE SOUGHT BASED ON BREACH OF WARRANTY, BREACH OF CONTRACT, NEGLIGENCE, STRICT LIABILITY IN TORT, OR ANY OTHER LEGAL THEORY. FURTHER, INTEGRA SHALL NOT BE LIABLE FOR LOSSES, DELAYS, LABOR COSTS, OR ANY OTHER COST OR EXPENSE DIRECTLY OR INDIRECTLY ARISING FROM THE USE OF MATERIALS. INTEGRA'S LIABILITY IS EXPRESSLY LIMITED TO THE REPLACEMENT OR REPAIR OF DEFECTIVE GOODS, OR THE TOTAL VALUE OF SUCH GOODS. THIS WARRANTY IS IN LIEU OF ALL OTHER WARRANTIES, WHETHER EXPRESS, IMPLIED, OR ORAL INCLUDING THE IMPLIED WARRANTY OF MERCHANTABILITY, ANY IMPLIED WARRANTY OF FITNESS FOR A PARTICULAR PURPOSE, AND ANY IMPLIED WARRANTIES OTHERWISE ARISING FROM A COURSE OF DEALING OR TRADE.

- 9. Should any clause of this agreement be held unenforceable or unlawful, it is agreed that the clause in question shall be modified so as to eliminate the unenforceable element and as so modified, shall be binding on the parties. The remaining clauses and provisions shall not be affected.
- 10. Any assistance, suggestions, or technical advice given the Customer by Integra or any agent thereof, concerning dimensions, handling, installation, testing, storage, use or placement in service is an accommodation for which Integra shall have no liability unless expressly provided by Integra in writing and signed by an officer of the company.
- 11. This agreement is complete and contains the entire contract between the parties, and may not be modified except in writing by both parties. No employee, agent, or representative of Integra has the authority or power to add, waive, or amend this contract unless first authorized in writing by an officer of Integra. This agreement shall be construed under the laws of the State of Ohio. Waiver of Integra of any breach shall not thereafter be deemed a waiver of a subsequent breach of the same of any other provision hereof.





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