

## LEADING THE WAY IN POLYCARBONATE AND STAINLESS STEEL ENCLOSURES



POLYCARBONATE & NON-METALLIC ENCLOSURES  
STAINLESS STEEL & ALUMINUM ENCLOSURES



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# INTEGRA GIVES YOU AN *EDGE* IN PROTECTION

## 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 (Smart Grid)** - Utility applications that are housed outdoor are ideally enclosed in polycarbonate
- **Marine & Marina** - Whether on-ship or at the dock, guard against corrosive saltwater and sun



**INTEGRA**  
ENCLOSURES

### POLYCARBONATE FEATURES & BENEFITS

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



## 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.



### Impact Resistance

The engineered thermoplastic enclosure has dramatically

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



### 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



**INTEGRA**  
ENCLOSURES

## 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, we manufacture thermoplastic and stainless steel enclosures designed for use in harsh environments. We are focused on your specific requirements.
- Integra offers a full range of modification services, delivering enclosures to you ready to install.
- 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 and stainless steel 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, non-conductive, easy to install and modify, and competitively priced.

Integra's enclosures are 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](http://www.integraenclosures.com) to learn more.





# Customizations

*Our product, the way you like it.*

## 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 to download off the Integra website.

Our newly expanded manufacturing facility can handle your needs for:

- Drilling Holes
- CNC Machine Cutouts
- Silkscreen
- Graphic Panels
- Custom Enclosures
- Custom Colors  
(minimum quantity)



Integra's newest product line, the StrongBox Stainless Steel line, is changing the way you buy stainless steel enclosures. All of Integra's StrongBox enclosures are custom made-to-order; tell us what you want and we'll deliver it within the industry's fastest lead times. Our vast modification capabilities include:

- Custom Sizing
- Custom Hole Patterns
- Multiple Mounting Options
- Various Latching Options
- Multiple Hinging Configurations
- Custom Back Panels and Swing Panels
- Numerous Accessories Available



## STANDARD PRODUCTS

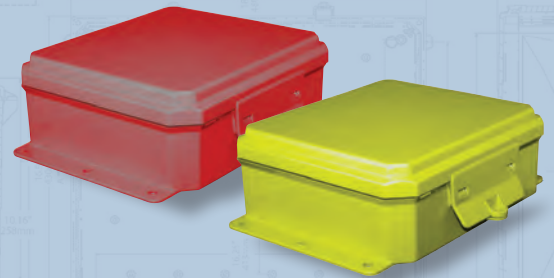


## MODIFIED PRODUCTS



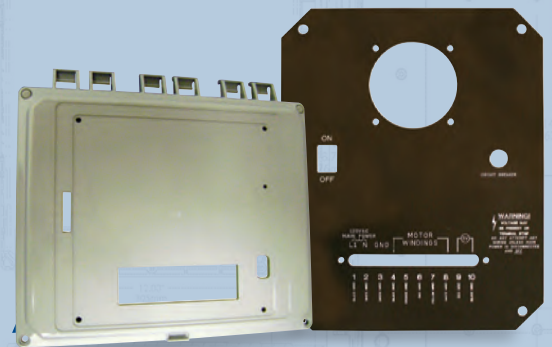
## SPECIAL PRODUCTS

Minimum quantity may apply



## CUSTOM PRODUCTS

Minimum quantity may apply



 **INTEGRA**  
ENCLOSURES

# Color Customization

*Customize your enclosure your way!*



## THE BENEFITS OF COLOR CUSTOMIZATION

Integra Enclosures has the ability to color customize our polycarbonate enclosures with multiple color options. Colored enclosures have the same UL rating\* and temperature ranges as a standard gray enclosure.

- Match your company colors and logo
- Blend your enclosure into the environment
- Make your enclosure stand out for safety precautions
- 100-piece minimum

Consult factory for more details and special color pricing.

\* Available in 2020.

# Custom Print Your Enclosure

Integra offers in-house, custom printing on all polycarbonate sizes to enhance and customize your product. Benefits of custom printing include:

- Print your multicolored logo or other artwork in UV cured ink
- Scratch and chemical resistant
- Creates a customer specific product with striking aesthetics and a professional finish



Contact factory for additional information.





# INTEGRA ENCLOSURES NEMA 4X STAINLESS STEEL LINE

CHANGING THE WAY YOU BUY STAINLESS STEEL

## CUSTOM MADE STAINLESS STEEL ENCLOSURES

- UL50E NEMA 4X Rated
- Chemical, Corrosion & Hosedown Resistant
- Multiple Latch, Mounting and Hinge Design Options
- Custom Sizing, Custom Machining & Custom Back Panels
- Polyurethane Foam-In-Place Gasket and Grade #4 Finish
- Industry's Fastest Deliveries on Custom Stainless Enclosures
- 30 Years of Proven Manufacturing Experience

**OUR PRODUCT,  
YOUR WAY.**







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

## POLYCARBONATE & FIBERGLASS, WHICH IS BETTER?

Feature	Polycarbonate	Fiberglass	
Impact resistance	✓	✗	The average fiberglass enclosure tensile strength is approximately 220 in-lbs. Polycarbonate has a tensile strength of 900 in-lbs. <b>Polycarbonate has over 4 times the impact resistance of fiberglass.</b>
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. <b>Polycarbonate is up to 40% lighter than fiberglass.</b>
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. <b>With polycarbonate, the UV inhibitor is in the formulation and is uniformly integral to the enclosure.</b>
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. <b>Integra polycarbonate enclosures are easy to modify, do not give off dust and leave a clean, attractive surface with no sharp edges.</b>
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. <b>Polycarbonate in the manufacturing process or at the end of its usable life is recyclable.</b>
Damage from shipping/handling	✓	✗	Fiberglass is a very brittle material, to the point that it risks damage anytime it is dropped or mishandled in any way. <b>Because of its durability, polycarbonate is rarely damaged from shipping or handling.</b>





# INTEGRA STANDARD PRODUCTS OFFERINGS

## 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
- Brass inserts for securing mounting feet or flange, optional back panel and lid
- 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
- UL/C-UL-50 listed, NEMA 1,2,3,3R,3S,4,4X,5,12,13 and "S" series and "H-6P" series are NEMA 6/6P, marine use rated

## PREMIUM LINE

## IMPACT® LINE



- Integra's more recent high impact polycarbonate enclosure offering, including seven sizes from 4x4x3 through 10x8x6
- 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)

## IMPACT® LINE

## 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.
- 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,5,6/6P, 12,13 rated

## GENESIS LINE

## STRONGBOX LINE



- Integra's new stainless steel and aluminum product line
- All enclosures are fully customizable - we custom build each and every enclosure
- Designed to protect any indoor or outdoor application against corrosion, chemicals and wet conditions
- Multiple Hinge Options
  - Removable Hinge (Pinge™)
  - Continuous (Piano) Hinge
  - Lift-Off Hinge
- Various Mounting Options
  - Rivet Nuts or Through Holes
  - Welded or Removable Flanges
  - Welded or Removable Feet
  - Multiple Sizes of Legs (Floor Stands)
- Multiple Latching Options
  - Quarter-Turn Latch
  - Integra Locking Latch
  - 3-Point Latch (Pad Lockable)
- Finished with polyurethane foam-in-place gasket and grade #4 finish
- UL/C-UL-50 listed, NEMA 1,2,3,3R,3S,4,4X rated

## STRONGBOX LINE



## PREMIUM LINE OVERVIEW

### ■ 900 in-lbs Impact Resistance

Polycarbonate is known for its 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 its 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.





## CLEAR COVER



## EZ HINGE



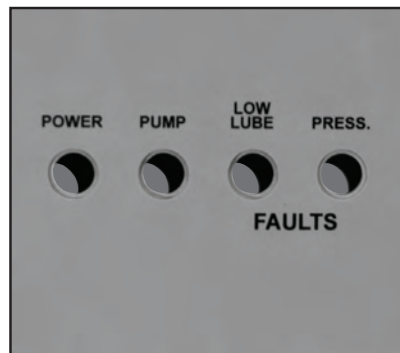
## SWING OUT PANEL



## DIN RAILS



## CUSTOMIZATION



## PANEL SUSPENSION



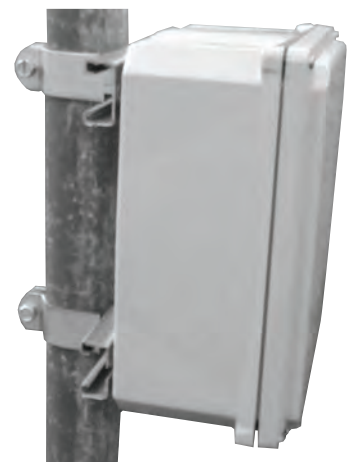
## WINDOW KITS



## AIR VENTS / FAN SHROUDS

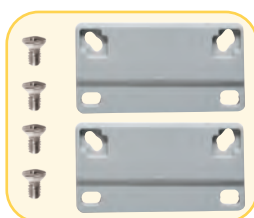


## POLE MOUNTING KITS





Comes with feet or flanges.



## 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-lbs.	565
Falling Ball Impact @ 73° F	UL-746	in-lbs.	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

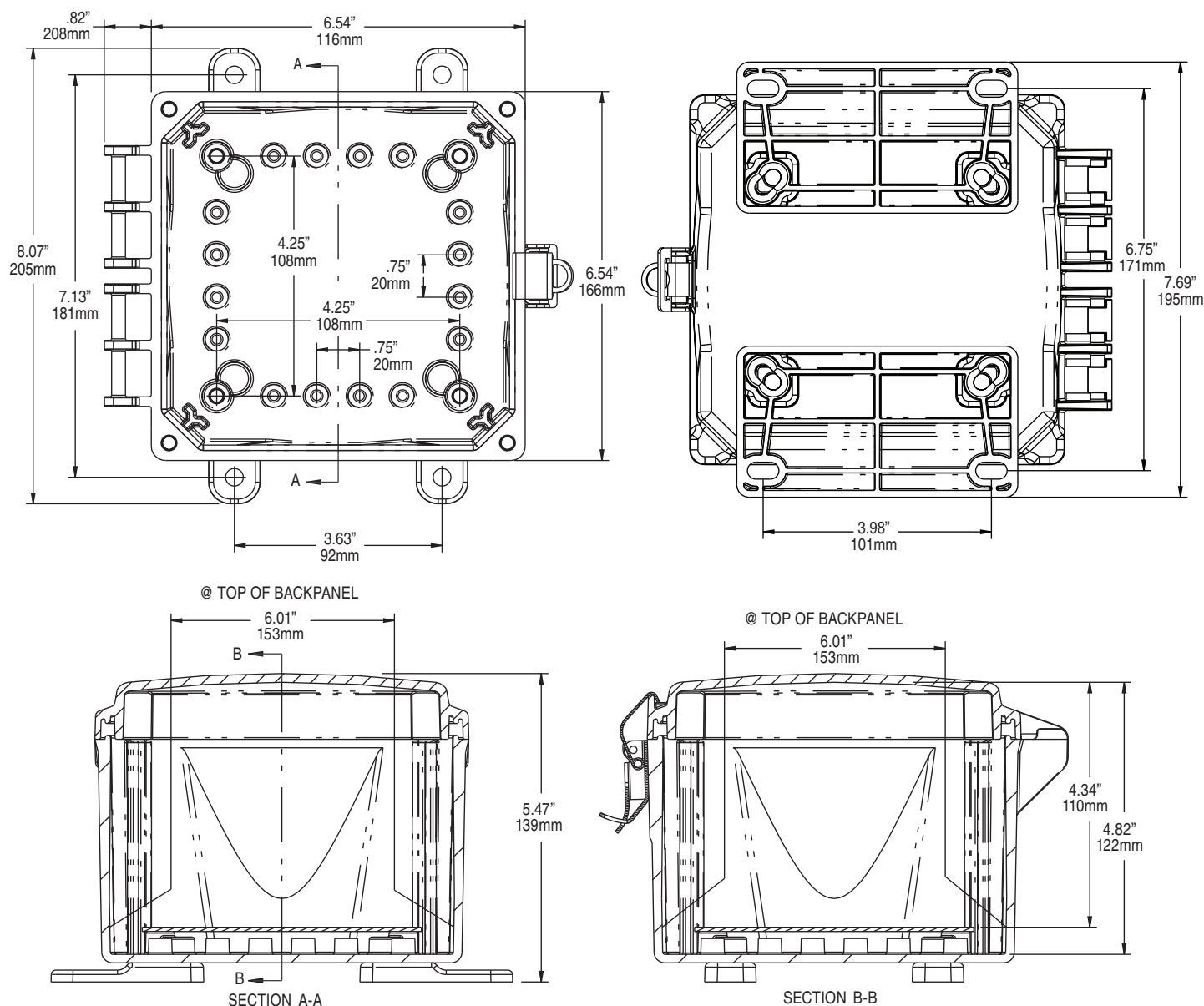
6064 P/N	4X IP66	6P IP68	Hinged Cover	Screw Cover	Opaque Cover	Clear Cover	Mounting Feet	Mounting Flange	Stainless Steel Locking Latch	Non-Metallic Locking Latch
H6064S	✓	✓		✓	✓		✓			
H6064SC	✓	✓		✓		✓	✓			
H6064SF	✓	✓		✓	✓			✓		
H6064SCF	✓	✓		✓		✓		✓		
H6064H	✓		✓	✓	✓		✓			
H6064HC	✓		✓	✓		✓	✓			
H6064HF	✓		✓	✓	✓			✓		
H6064HCF	✓		✓	✓		✓		✓		
H6064HLL	✓		✓		✓		✓		✓	
H6064HCLL	✓		✓			✓	✓		✓	
H6064HFLL	✓		✓		✓			✓	✓	
H6064HCFL	✓		✓			✓		✓	✓	
H6064HNL	✓		✓		✓		✓			✓
H6064HCNL	✓		✓			✓	✓			✓
H6064HFNL	✓		✓		✓			✓		✓
H6064HCFNL	✓		✓			✓		✓		✓
H6064H-6P	✓	✓	✓	✓	✓		✓			
H6064HC-6P	✓	✓	✓	✓		✓	✓			
H6064HF-6P	✓	✓	✓	✓	✓			✓		
H6064HCF-6P	✓	✓	✓	✓		✓		✓		

TORQUE SPECIFICATIONS - Mounting Brackets - 1/4"-20 x 0.25 SS, countersunk Phillips drive screws (torque limit = 20 in-lbs.) | Covers / Doors - Torque for corner screws is 10 in-lbs.





# 6X6X4 PREMIUM LINE



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

## Accessories for 6x6x4 (For complete accessories, see pages 73-77)



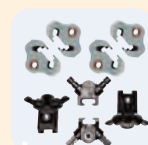
### Back Panels

ABP66 - Aluminum panel  
SBP66 - Steel panel  
PVCBP66 - PVC panel



### Aluminum Swing Out Panels

ABP-66-USOPK - Complete panel kit  
ABP-66USP - Aluminum swing out panels only  
USOPK - Hardware only



### Back Panel Adjustment Kit

BPAKG - Gray, Set Screw  
BPAKB - Black, Set Screw  
UBPAKG - Gray, Thumb Screw  
UBPAKB - Black Thumb Screw



### Air Vents

VENT 3 - Aluminum louvered  
VENT 2 - Outdoor labyrinth



### Steel Swing Out Panels

SBP-66-USOPK - Complete panel kit  
SBP-66USP - Steel swing out panels only  
USOPK - Hardware only



### Cord Grips

IP68/NEMA 4X/6P rated  
See page 72 for more details and part numbers.



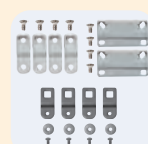
### Din Rail

DIN 6 - 2 rails, 4 screws



### Pole Mounting Kit

PMKG-26 - 2" pole  
PMKG-36 - 3" pole  
PMKG-46 - 4" pole  
PMKG-126 - 12" pole



### Mounting Feet & Flange Kits

MFKG - Premium line feet  
MFKSS - Stainless steel feet  
MFLK6 - 6" Flange kit



Comes with feet or flanges.



## 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
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Falling Ball Impact @ 73° F	UL-746	in-lbs.	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

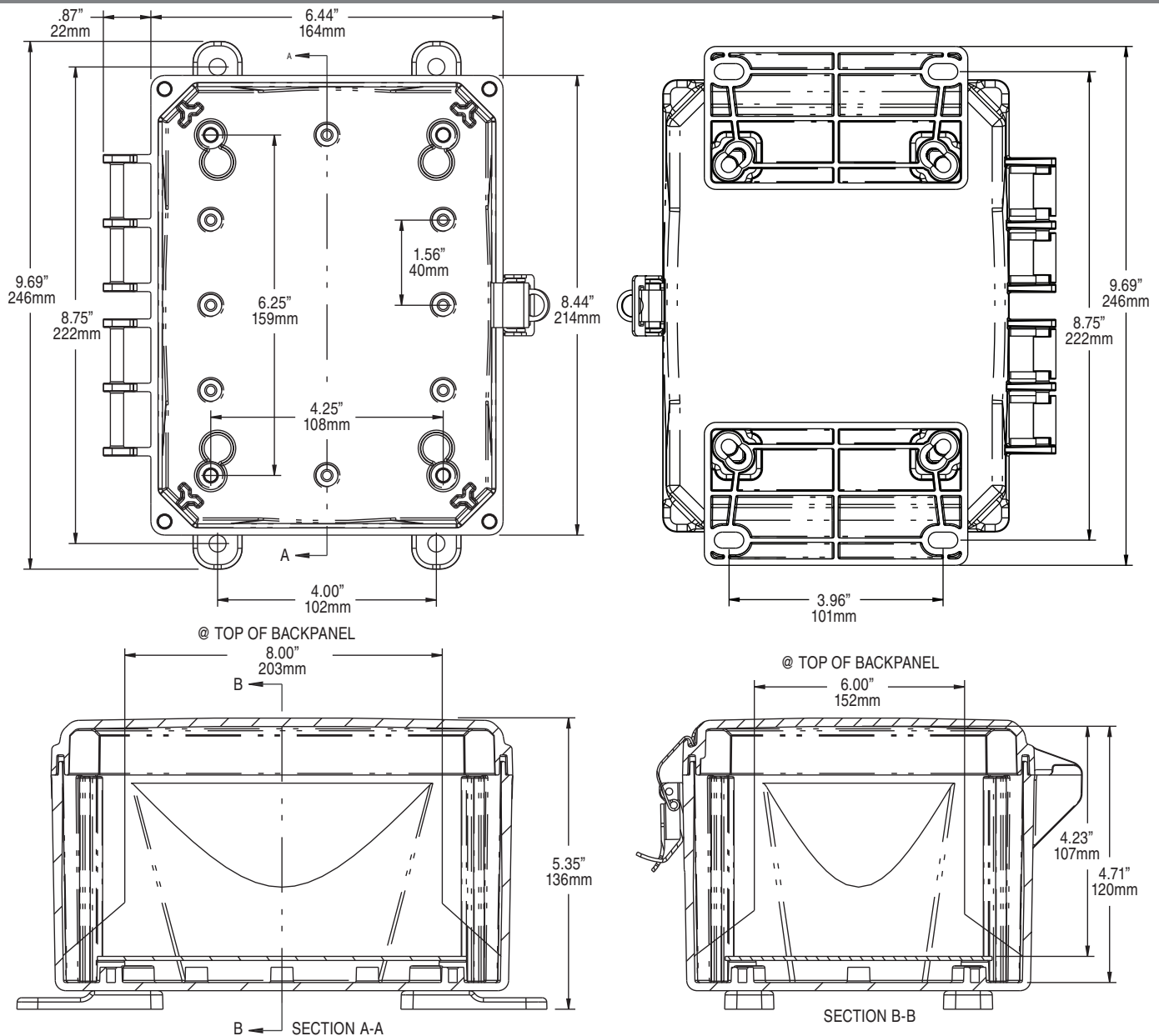
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H8064S	✓	✓		✓	✓		✓			
H8064SC	✓	✓		✓		✓	✓			
H8064SF	✓	✓		✓	✓			✓		
H8064SCF	✓	✓		✓		✓		✓		
H8064H	✓		✓	✓	✓		✓			
H8064HC	✓		✓	✓		✓	✓			
H8064HF	✓		✓	✓	✓			✓		
H8064HCF	✓		✓	✓		✓		✓		
H8064HLL	✓		✓		✓		✓		✓	
H8064HCLL	✓		✓			✓	✓		✓	
H8064HFLL	✓		✓		✓			✓	✓	
H8064HCFLL	✓		✓			✓		✓	✓	
H8064HNL	✓		✓		✓		✓			✓
H8064HCNL	✓		✓			✓	✓			✓
H8064HFNL	✓		✓		✓			✓		✓
H8064HCFNL	✓		✓			✓		✓		✓
H8064H-6P	✓	✓	✓	✓	✓		✓			
H8064HC-6P	✓	✓	✓	✓		✓	✓			
H8064HF-6P	✓	✓	✓	✓	✓			✓		
H8064HCF-6P	✓	✓	✓	✓		✓		✓		

TORQUE SPECIFICATIONS - Mounting Brackets - 1/4"-20 x 0.25 SS, countersunk Phillips drive screws (torque limit = 20 in-lbs.) | Covers / Doors - Torque for corner screws is 10 in-lbs.





# 8X6X4 PREMIUM LINE



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## Accessories for 8x6x4 (For complete accessories, see pages 73-77)



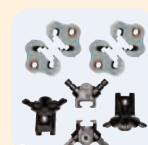
### Back Panels

**ABP86** - Aluminum panel  
**SBP86** - Steel panel  
**PVCBP86** - PVC panel



### Aluminum Swing Out Panels

**ABP-86-USOPK** - Complete panel kit  
**ABP-86USP** - Aluminum swing out panels only  
**USOPK** - Hardware only



### Back Panel Adjustment Kit

**BPAKG** - Gray, Set Screw  
**BPAKB** - Black, Set Screw  
**UBPAKG** - Gray, Thumb Screw  
**UBPAKB** - Black Thumb Screw



### Air Vents

**VENT 3** - Aluminum louvered  
**VENT 2** - Outdoor labyrinth



### Steel Swing Out Panels

**SBP-86-USOPK** - Complete panel kit  
**SBP-86USP** - Steel swing out panels only  
**USOPK** - Hardware only



### Cord Grips

**IP68/NEMA 4X/6P** rated  
See page 72 for more details and part numbers.



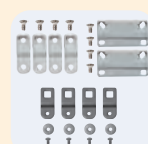
### Din Rail

**DIN 6** - 2 rails, 4 screws



### Pole Mounting Kit

**PMKG-26** - 2" pole  
**PMKG-36** - 3" pole  
**PMKG-46** - 4" pole  
**PMKG-126** - 12" pole



### Mounting Feet & Flange Kits

**MFKG** - Premium line feet  
**MFKSS** - Stainless steel feet  
**MFLK6** - 6" Flange kit



Comes with feet or flanges.



## 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-lbs.	565
Falling Ball Impact @ 73° F	UL-746	in-lbs.	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

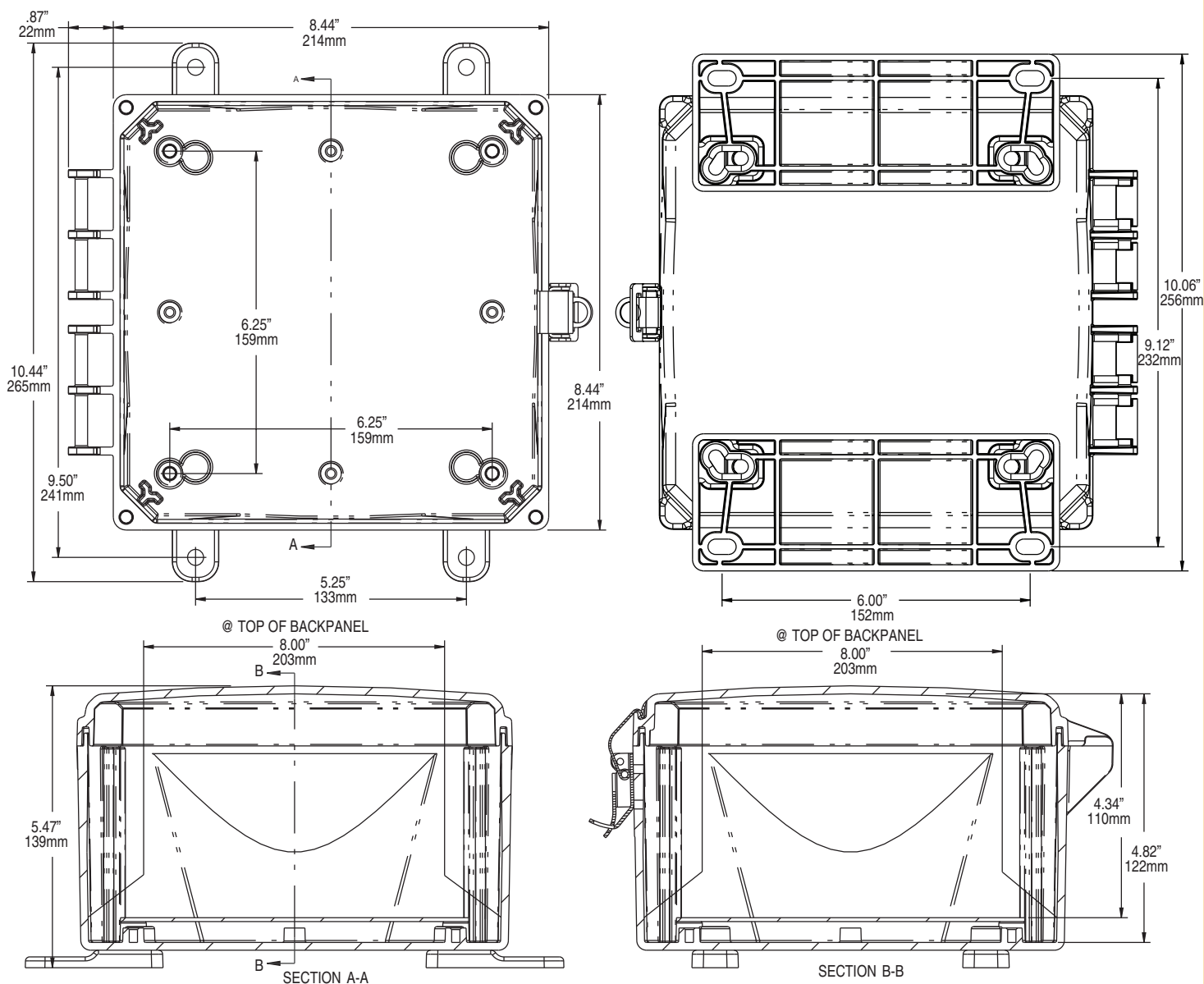
8084 P/N	4X IP66	6P IP68	Hinged Cover	Screw Cover	Opaque Cover	Clear Cover	Mounting Feet	Mounting Flange	Stainless Steel Locking Latch	Non-Metallic Locking Latch
H8084S	✓	✓		✓	✓		✓			
H8084SC	✓	✓		✓		✓	✓			
H8084SF	✓	✓		✓	✓			✓		
H8084SCF	✓	✓		✓		✓		✓		
H8084H	✓		✓	✓	✓		✓			
H8084HC	✓		✓	✓		✓	✓			
H8084HF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

TORQUE SPECIFICATIONS - Mounting Brackets - 1/4"-20 x 0.25 SS, countersunk Phillips drive screws (torque limit = 20 in-lbs.) | Covers / Doors - Torque for corner screws is 10 in-lbs.





# 8X8X4 PREMIUM LINE



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

## Accessories for 8x8x4 (For complete accessories, see pages 73-77)



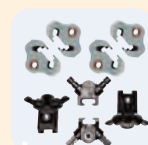
### Back Panels

ABP88 - Aluminum panel  
SBP88 - Steel panel  
PVCBP88 - PVC panel



### Aluminum Swing Out Panels

ABP-88-USOPK - Complete panel kit  
ABP-88USP - Aluminum swing out panels only  
USOPK - Hardware only



### Back Panel Adjustment Kit

BPAKG - Gray, Set Screw  
BPAKB - Black, Set Screw  
UBPAKG - Gray, Thumb Screw  
UBPAKB - Black Thumb Screw



### Air Vents

VENT 3 - Aluminum louvered  
VENT 2 - Outdoor labyrinth



### Steel Swing Out Panels

SBP-88-USOPK - Complete panel kit  
SBP-88USP - Steel swing out panels only  
USOPK - Hardware only



### Cord Grips

IP68/NEMA 4X/6P rated  
See page 72 for more details and part numbers.



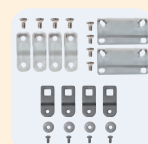
### Din Rail

DIN 8 - 2 rails, 4 screws



### Pole Mounting Kit

PMKG-28 - 2" pole  
PMKG-38 - 3" pole  
PMKG-48 - 4" pole  
PMKG-128 - 12" pole



### Mounting Feet & Flange Kits

MFKG - Premium line feet  
MFKSS - Stainless steel feet  
MFLK8 - 8" Flange kit



## 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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Comes with feet or flanges.



Mechanical and Thermal	Test Spec.	Unit	Premium Line
Instrumented Dart Impact @ 73° F		in-lbs.	565
Falling Ball Impact @ 73° F	UL-746	in-lbs.	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

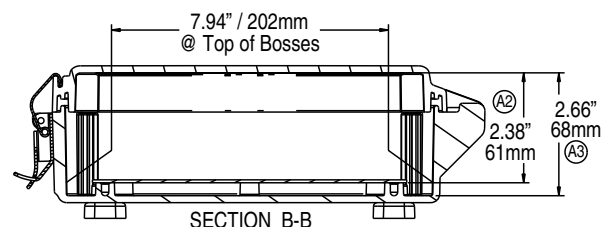
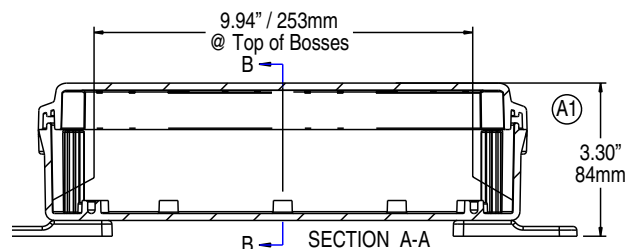
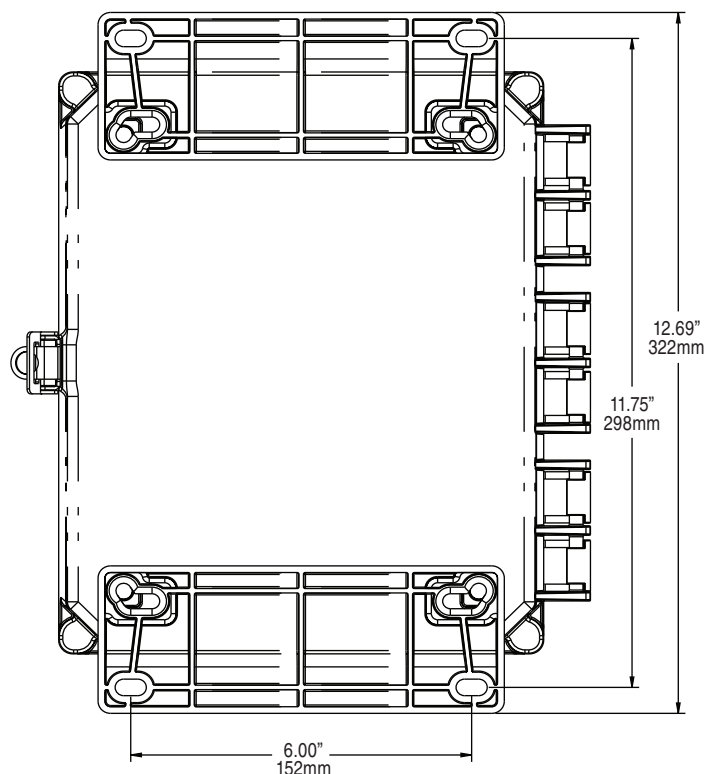
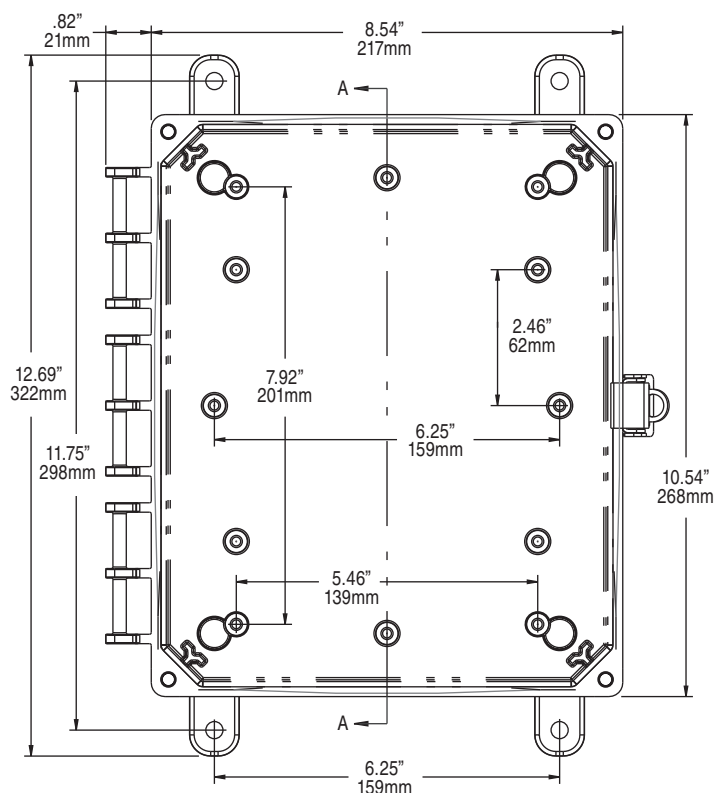
10082 P/N	4X IP66	6P IP68	Hinged Cover	Screw Cover	Opaque Cover	Clear Cover	Mounting Feet	Mounting Flange	Stainless Steel Locking Latch	Non-Metallic Locking Latch
H10082S	✓	✓		✓	✓		✓			
H10082SC	✓	✓		✓		✓	✓			
H10082SF	✓	✓		✓	✓			✓		
H10082SCF	✓	✓		✓		✓		✓		
H10082H	✓		✓	✓	✓		✓			
H10082HC	✓		✓	✓		✓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

TORQUE SPECIFICATIONS - Mounting Brackets - 1/4"-20 x 0.25 SS, countersunk Phillips drive screws (torque limit = 20 in-lbs.) | Covers / Doors - Torque for corner screws is 10 in-lbs.





# 10X8X2 PREMIUM LINE



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

## Accessories for 10x8x2 (For complete accessories, see pages 73-77)



### Back Panels

ABP1082 - Aluminum panel  
SBP1082 - Steel panel  
PVCBP1082 - PVC panel



### Aluminum Swing Out Panels

ABP-108-USOPK - Complete panel kit  
ABP-108USP - Aluminum swing out panels only  
USOPK - Hardware only



### Back Panel Adjustment Kit

BPAKG - Gray, Set Screw  
BPAKB - Black, Set Screw  
UBPAKG - Gray, Thumb Screw  
UBPAKB - Black Thumb Screw



### Air Vents

VENT 3 - Aluminum louvered  
VENT 2 - Outdoor labyrinth



### Steel Swing Out Panels

SBP-108-USOPK - Complete panel kit  
SBP-108USP - Steel swing out panels only  
USOPK - Hardware only



### Cord Grips

IP68/NEMA 4X/6P rated  
See page 72 for more details and part numbers.



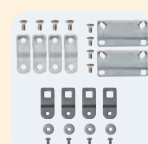
### Din Rail

DIN 8 - 2 rails, 4 screws



### Pole Mounting Kit

PMKG-28 - 2" pole  
PMKG-38 - 3" pole  
PMKG-48 - 4" pole  
PMKG-128 - 12" pole



### Mounting Feet & Flange Kits

MFKG - Premium line feet  
MFKSS - Stainless steel feet  
MFLK8 - 8" Flange kit



## PREMIUM POLYCARBONATE ENCLOSURE

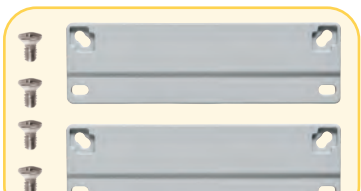
### Features and Benefits

- 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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Comes with feet or flanges.



Mechanical and Thermal	Test Spec.	Unit	Premium Line
Instrumented Dart Impact @ 73° F		in-lbs.	565
Falling Ball Impact @ 73° F	UL-746	in-lbs.	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

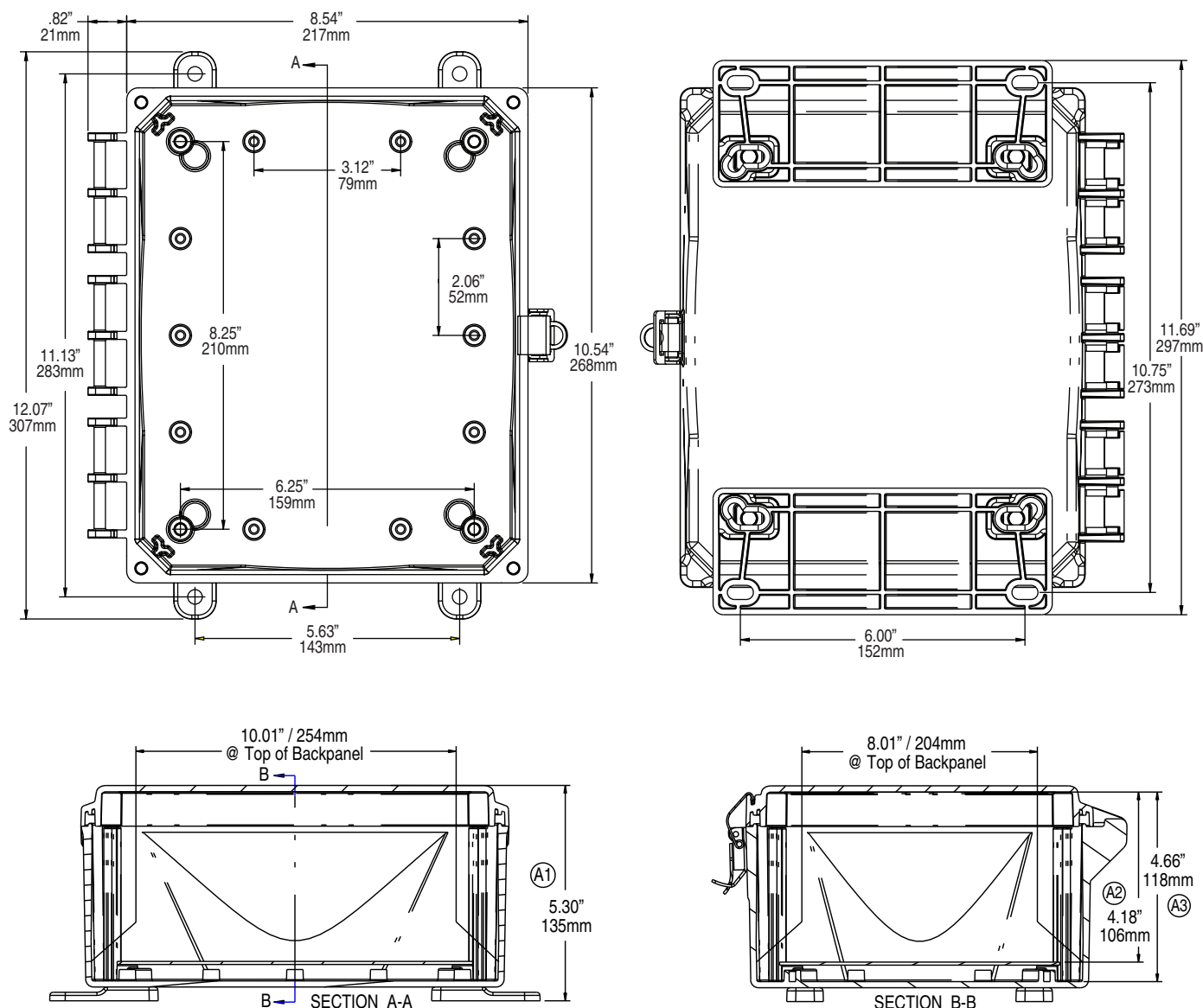
10084 P/N	4X IP66	6P IP68	Hinged Cover	Screw Cover	Opaque Cover	Clear Cover	Mounting Feet	Mounting Flange	Stainless Steel Locking Latch	Non-Metallic Locking Latch
H10084S	✓	✓		✓	✓		✓			
H10084SC	✓	✓		✓		✓	✓			
H10084SF	✓	✓		✓	✓			✓		
H10084SCF	✓	✓		✓		✓		✓		
H10084H	✓		✓	✓	✓		✓			
H10084HC	✓		✓	✓		✓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

TORQUE SPECIFICATIONS - Mounting Brackets - 1/4"-20 x 0.25 SS, countersunk Phillips drive screws (torque limit = 20 in-lbs.) | Covers / Doors - Torque for corner screws is 10 in-lbs.





# 10X8X4 PREMIUM LINE



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

## Accessories for 10x8x4 (For complete accessories, see pages 73-77)



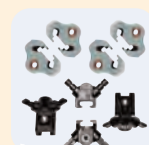
### Back Panels

**ABP108** - Aluminum panel  
**SBP108** - Steel panel  
**PVCBP108** - PVC panel



### Aluminum Swing Out Panels

**ABP-108-USOPK** - Complete panel kit  
**ABP-108USP** - Aluminum swing out panels only  
**SOPK** - Hardware only



### Back Panel Adjustment Kit

**BPAKG** - Gray, Set Screw  
**BPAKB** - Black, Set Screw  
**UBPAKG** - Gray, Thumb Screw  
**UBPAKB** - Black Thumb Screw



### Air Vents

**VENT 3** - Aluminum louvered  
**VENT 2** - Outdoor labyrinth



### Steel Swing Out Panels

**SBP-108-USOPK** - Complete panel kit  
**SBP-108USP** - Steel swing out panels only  
**SOPK** - Hardware only



### Cord Grips

**IP68/NEMA 4X/6P** rated  
 See page 72 for more details and part numbers.



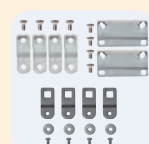
### Din Rail

**DIN 8** - 2 rails, 4 screws



### Pole Mounting Kit

**PMKG-28** - 2" pole  
**PMKG-38** - 3" pole  
**PMKG-48** - 4" pole  
**PMKG-128** - 12" pole



### Mounting Feet & Flange Kits

**MFKG** - Premium line feet  
**MFKSS** - Stainless steel feet  
**MFLK8** - 8" Flange kit



## PREMIUM POLYCARBONATE ENCLOSURE

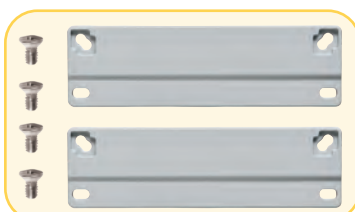
### Features and Benefits

- 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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Comes with feet or flanges.



Mechanical and Thermal	Test Spec.	Unit	Premium Line
Instrumented Dart Impact @ 73° F		in-lbs.	565
Falling Ball Impact @ 73° F	UL-746	in-lbs.	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

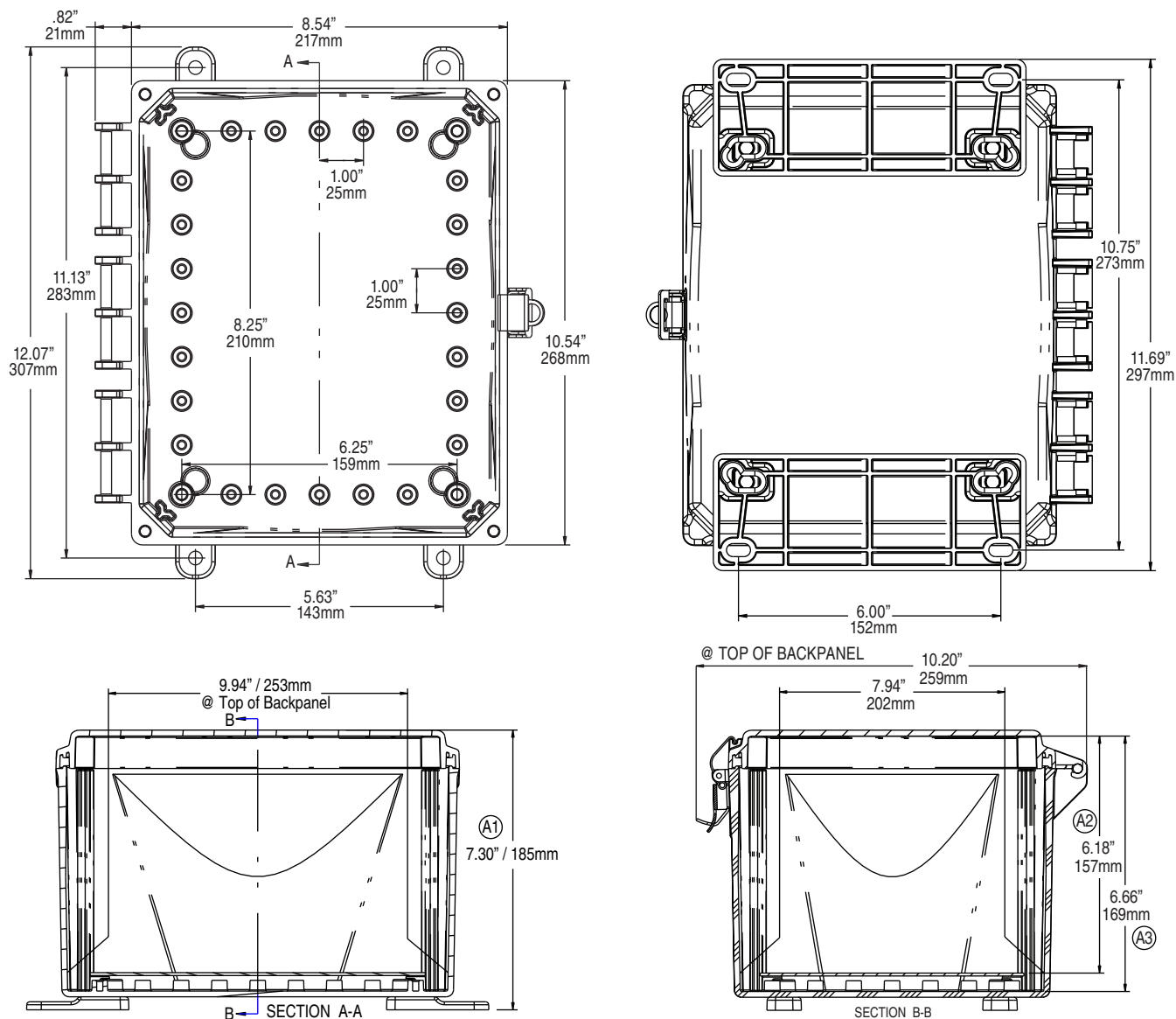
10086 P/N	4X IP66	6P IP68	Hinged Cover	Screw Cover	Opaque Cover	Clear Cover	Mounting Feet	Mounting Flange	Stainless Steel Locking Latch	Non-Metallic Locking Latch
H10086S	✓	✓		✓	✓		✓			
H10086SC	✓	✓		✓		✓	✓			
H10086SF	✓	✓		✓	✓			✓		
H10086SCF	✓	✓		✓		✓		✓		
H10086H	✓		✓	✓	✓		✓			
H10086HC	✓		✓	✓		✓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

TORQUE SPECIFICATIONS - Mounting Brackets - 1/4"-20 x 0.25 SS, countersunk Phillips drive screws (torque limit = 20 in-lbs.) | Covers / Doors - Torque for corner screws is 10 in-lbs.





# 10X8X6 PREMIUM LINE



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## Accessories for 10x8x6 (For complete accessories, see pages 73-77)



### Back Panels

ABP108 - Aluminum panel  
SBP108 - Steel panel  
PVCBP108 - PVC panel



### Aluminum Swing Out Panels

ABP-108-USOPK - Complete panel kit  
ABP-108USP - Aluminum swing out panels only  
USOPK - Hardware only



### Back Panel Adjustment Kit

BPAKG - Gray, Set Screw  
BPAKB - Black, Set Screw  
UBPAKG - Gray, Thumb Screw  
UBPAKB - Black Thumb Screw



### Air Vents

VENT 3 - Aluminum louvered  
VENT 2 - Outdoor labyrinth



### Steel Swing Out Panels

SBP-108-USOPK - Complete panel kit  
SBP-108USP - Steel swing out panels only  
USOPK - Hardware only



### Cord Grips

IP68/NEMA 4X/6P rated  
See page 72 for more details and part numbers.



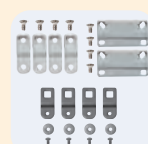
### Din Rail

DIN 8 - 2 rails, 4 screws



### Pole Mounting Kit

PMKG-28 - 2" pole  
PMKG-38 - 3" pole  
PMKG-48 - 4" pole  
PMKG-128 - 12" pole



### Mounting Feet & Flange Kits

MFKG - Premium line feet  
MFKSS - Stainless steel feet  
MFLK8 - 8" Flange kit



## 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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Comes with feet or flanges.



Mechanical and Thermal	Test Spec.	Unit	Premium Line
Instrumented Dart Impact @ 73° F		in-lbs.	565
Falling Ball Impact @ 73° F	UL-746	in-lbs.	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

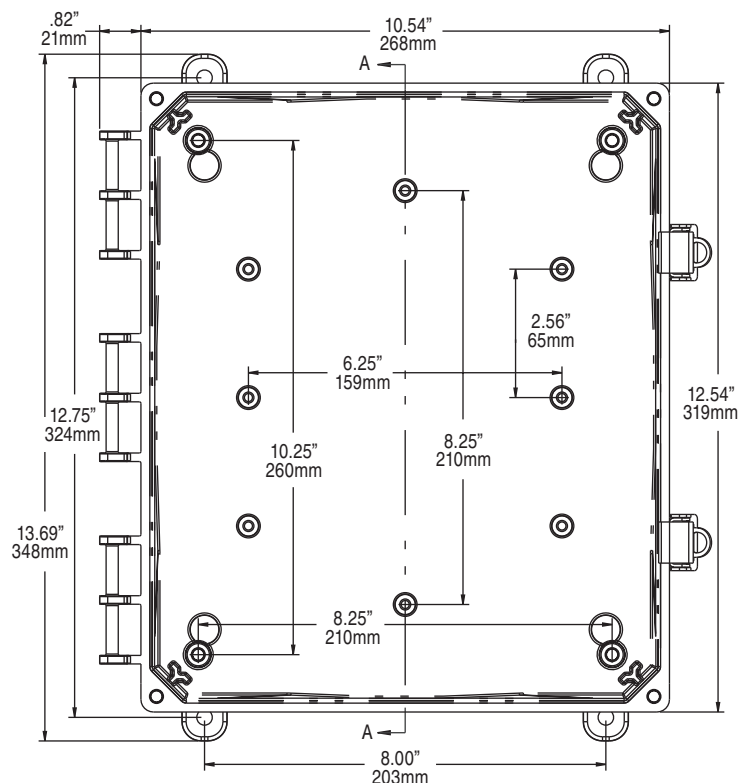
12104 P/N	4X IP66	6P IP68	Hinged Cover	Screw Cover	Opaque Cover	Clear Cover	Mounting Feet	Mounting Flange	Stainless Steel Locking Latch	Non-Metallic Locking Latch
H12104S	✓	✓		✓	✓		✓			
H12104SC	✓	✓		✓		✓	✓			
H12104SF	✓	✓		✓	✓			✓		
H12104SCF	✓	✓		✓		✓		✓		
H12104H	✓		✓	✓	✓		✓			
H12104HC	✓		✓	✓		✓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

TORQUE SPECIFICATIONS - Mounting Brackets - 1/4"-20 x 0.25 SS, countersunk Phillips drive screws (torque limit = 20 in-lbs.) | Covers / Doors - Torque for corner screws is 10 in-lbs.

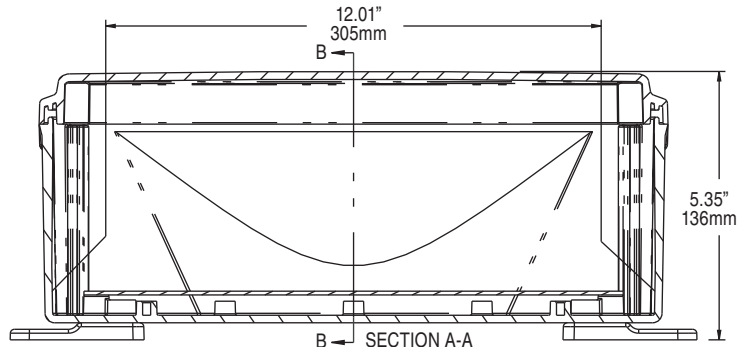




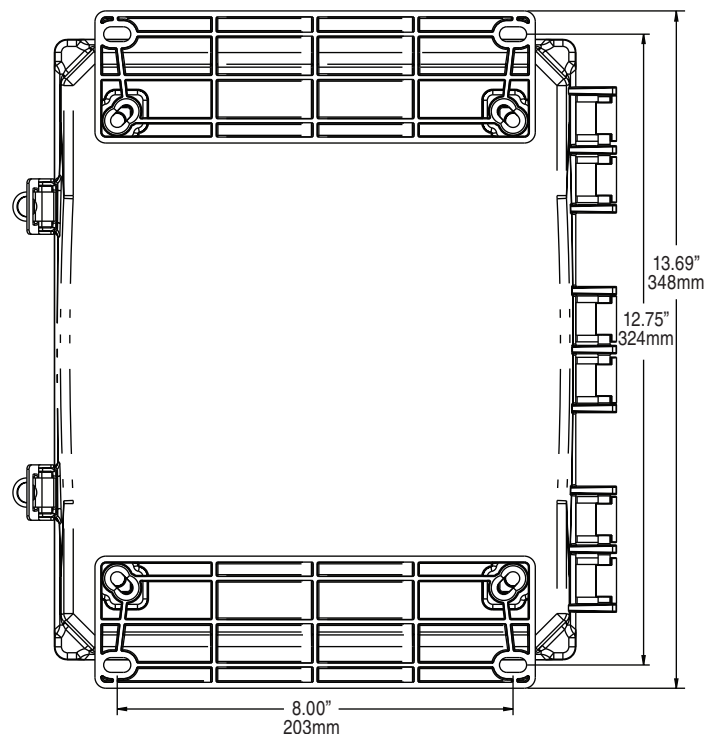
# 12X10X4 PREMIUM LINE



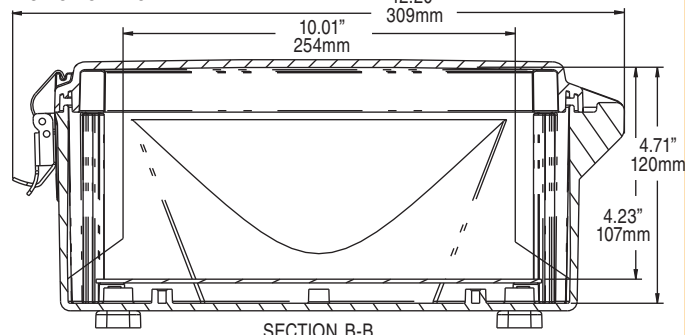
@ TOP OF BACKPANEL



B SECTION A-A



@ TOP OF BACKPANEL



SECTION B-B

\* Mounting hole pattern is different from 12x10x6 enclosure.

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

## Accessories for 12x10x4 (For complete accessories, see pages 73-77)



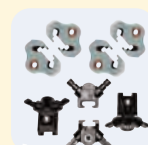
### Back Panels

ABP1210 - Aluminum panel  
SBP1210 - Steel panel  
PVCBP1210 - PVC panel



### Aluminum Swing Out Panels

ABP-1210-USOPK - Complete panel kit  
ABP-1210USP - Aluminum swing out panels only  
USOPK - Hardware only



### Back Panel Adjustment Kit

BPAKG - Gray, Set Screw  
BPAKB - Black, Set Screw  
UBPAKG - Gray, Thumb Screw  
UBPAKB - Black Thumb Screw



### Air Vents / Fan Shrouds

VENT 3 - 3" Aluminum louvered  
VENT 2 - Outdoor labyrinth  
FS KIT1 - 1 piece kit  
FS KIT2 - 2 piece kit  
Specifications on page 71



### Steel Swing Out Panels

SBP-1210-USOPK - Complete panel kit  
SBP-1210USP - Steel swing out panels only  
USOPK - Hardware only



### Cord Grips

IP68/NEMA 4X/6P rated  
See page 72 for more details and part numbers.



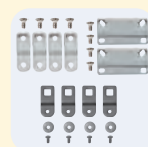
### Din Rail

DIN 10 - 2 rails, 4 screws



### Pole Mounting Kit

PMKG-210 - 2" pole  
PMKG-310 - 3" pole  
PMKG-410 - 4" pole  
PMKG-1210 - 12" pole



### Mounting Feet & Flange Kits

MFKG - Premium line feet  
MFKSS - Stainless steel feet  
MFLK10 - 10" Flange kit



## 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.



Comes with feet or flanges.



MADE IN THE USA



Mechanical and Thermal	Test Spec.	Unit	Premium Line
Instrumented Dart Impact @ 73° F		in-lbs.	565
Falling Ball Impact @ 73° F	UL-746	in-lbs.	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

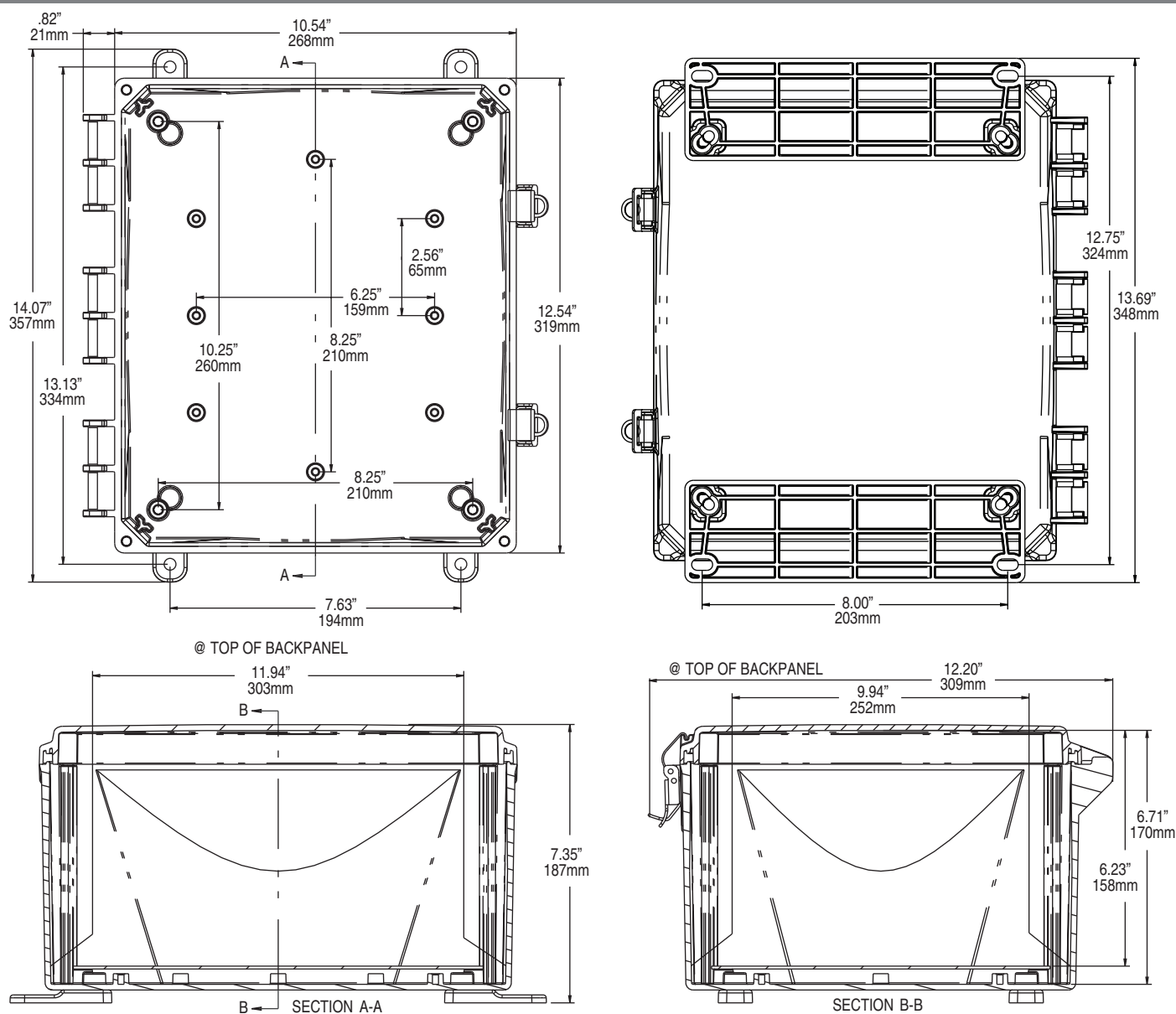
12106 P/N	4X IP66	6P IP68	Hinged Cover	Screw Cover	Opaque Cover	Clear Cover	Mounting Feet	Mounting Flange	Stainless Steel Locking Latch	Non-Metallic Locking Latch
H12106S	✓	✓		✓	✓		✓			
H12106SC	✓	✓		✓		✓	✓			
H12106SF	✓	✓		✓	✓			✓		
H12106SCF	✓	✓		✓		✓		✓		
H12106H	✓		✓	✓	✓		✓			
H12106HC	✓		✓	✓		✓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

TORQUE SPECIFICATIONS - Mounting Brackets - 1/4"-20 x 0.25 SS, countersunk Phillips drive screws (torque limit = 20 in-lbs.) | Covers / Doors - Torque for corner screws is 10 in-lbs.





# 12X10X6 PREMIUM LINE



\* Mounting hole pattern is different from 12x10x4 enclosure.

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

## Accessories for 12x10x6 (For complete accessories, see pages 73-77)



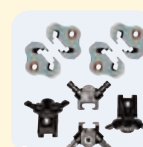
### Back Panels

ABP1210 - Aluminum panel  
SBP1210 - Steel panel  
PVCBP1210 - PVC panel



### Aluminum Swing Out Panels

ABP-1210-USOPK - Complete panel kit  
ABP-1210USP - Aluminum swing out panels only  
USOPK - Hardware only



### Back Panel Adjustment Kit

BPAKG - Gray, Set Screw  
BPAKB - Black, Set Screw  
UBPAKG - Gray, Thumb Screw  
UBPAKB - Black Thumb Screw



### Air Vents / Fan Shrouds

VENT 3 - 3" Aluminum louvered  
VENT 2 - Outdoor labyrinth  
FS KIT1 - 1 piece kit  
FS KIT2 - 2 piece kit  
Specifications on page 71



### Steel Swing Out Panels

SBP-1210-USOPK - Complete panel kit  
SBP-1210USP - Steel swing out panels only  
USOPK - Hardware only



### Cord Grips

IP68/NEMA 4X/6P rated  
See page 72 for more details and part numbers.



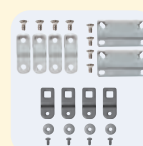
### Din Rail

DIN 10 - 2 rails, 4 screws



### Pole Mounting Kit

PMKG-210 - 2" pole  
PMKG-310 - 3" pole  
PMKG-410 - 4" pole  
PMKG-1210 - 12" pole



### Mounting Feet & Flange Kits

MFKG - Premium line feet  
MFKSS - Stainless steel feet  
MFLK10 - 10" Flange kit

# 14X12X6 PREMIUM LINE



## PREMIUM POLYCARBONATE ENCLOSURE

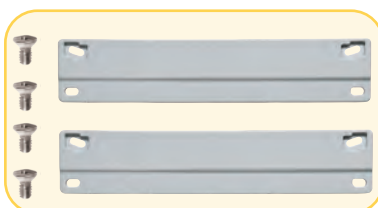
### Features and Benefits

- 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.



Comes with feet or flanges.



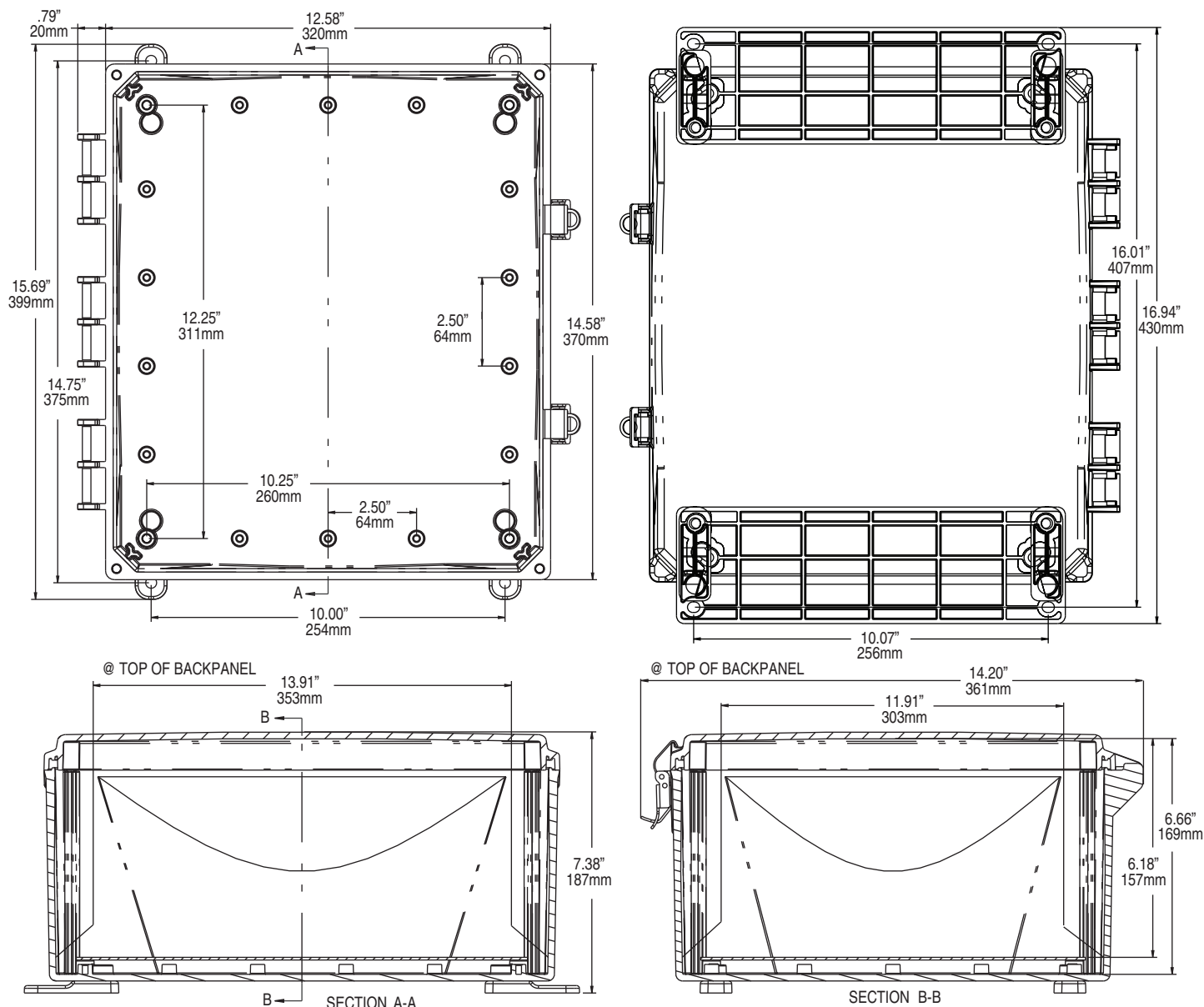
Mechanical and Thermal	Test Spec.	Unit	Premium Line
Instrumented Dart Impact @ 73° F		in-lbs.	565
Falling Ball Impact @ 73° F	UL-746	in-lbs.	900
Deflection Temperature @ 264 psi	ASTM D648	Deg. F	270
Modulus of Elasticity	ASTM D790	ksi	340
Temperature Range		Deg. F	-40 to 265
Flammable / UV Ratings	Test 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	Mounting Flange	Stainless Steel Locking Latch	Non-Metallic Locking Latch
H141206S	✓	✓		✓	✓		✓			
H141206SC	✓	✓		✓		✓	✓			
H141206SF	✓	✓		✓	✓			✓		
H141206SCF	✓	✓		✓		✓		✓		
H141206H	✓		✓	✓	✓		✓			
H141206HC	✓		✓	✓		✓	✓			
H141206HF	✓		✓	✓	✓			✓		
H141206HCF	✓		✓	✓		✓		✓		
H141206HLL	✓		✓		✓		✓		✓	
H141206HCLL	✓		✓			✓	✓		✓	
H141206HFLL	✓		✓		✓			✓	✓	
H141206HCFL	✓		✓			✓		✓	✓	
H141206HNL	✓		✓		✓		✓			✓
H141206HCNL	✓		✓			✓	✓			✓
H141206HFNL	✓		✓		✓			✓		✓
H141206HCFNL	✓		✓			✓		✓		✓
H141206H-6P	✓	✓	✓	✓	✓		✓			
H141206HC-6P	✓	✓	✓	✓		✓	✓			
H141206HF-6P	✓	✓	✓	✓	✓			✓		
H141206HCF-6P	✓	✓	✓	✓		✓		✓		

TORQUE SPECIFICATIONS - Mounting Brackets - 1/4"-20 x 0.25 SS, countersunk Phillips drive screws (torque limit = 20 in-lbs.) | Covers / Doors - Torque for corner screws is 10 in-lbs.



# 14X12X6 PREMIUM LINE



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

## Accessories for 14x12x6 (For complete accessories, see pages 73-77)



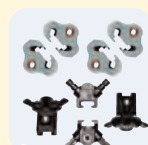
### Back Panels

ABP1412 - Aluminum panel  
SBP1412 - Steel panel  
PVCBP1412 - PVC panel



### Aluminum Swing Out Panels

ABP-1412-USOPK - Complete panel kit  
ABP-1412USP - Aluminum swing out panels only  
USOPK - Hardware only



### Back Panel Adjustment Kit

BPAKG - Gray, Set Screw  
BPAKB - Black, Set Screw  
UBPAKG - Gray, Thumb Screw  
UBPAKB - Black Thumb Screw



### Air Vents / Fan Shrouds

VENT 3 - 3" Aluminum louvered  
VENT 2 - Outdoor labyrinth  
FS KIT1 - 1 piece kit  
FS KIT2 - 2 piece kit  
Specifications on page 71



### Steel Swing Out Panels

SBP-1412-USOPK - Complete panel kit  
SBP-1412USP - Steel swing out panels only  
USOPK - Hardware only



### Cord Grips

IP68/NEMA 4X/6P rated  
See page 72 for more details and part numbers.



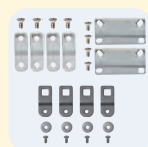
### Din Rail

DIN 12 - 2 rails, 4 screws



### Pole Mounting Kit

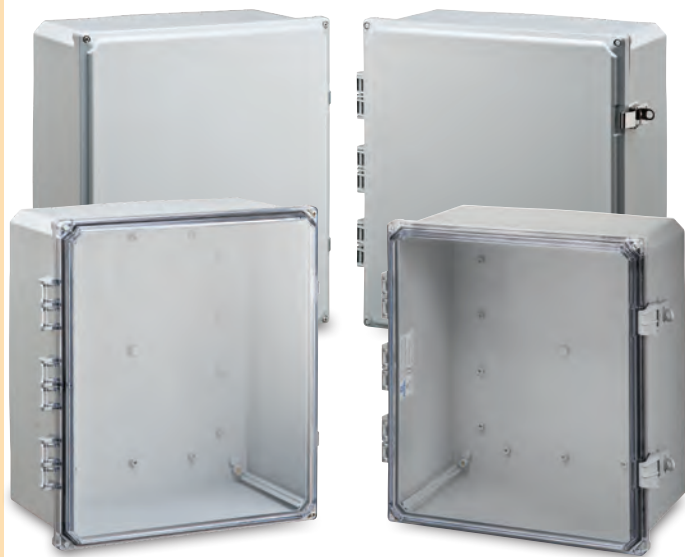
PMKG-212 - 2" pole  
PMKG-312 - 3" pole  
PMKG-412 - 4" pole  
PMKG-1212 - 12" pole



### Mounting Feet & Flange Kits

MFKG - Premium line feet  
MFKSS - Stainless steel feet  
MFLK12 - 12" Flange kit





## PREMIUM POLYCARBONATE ENCLOSURE

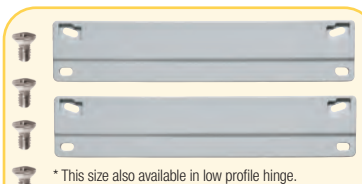
### Features and Benefits

- 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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Comes with feet or flanges



\* This size also available in low profile hinge.  
\* 16x14x12 Expansion box not shown.  
Call Integra for more details.



MADE IN THE USA



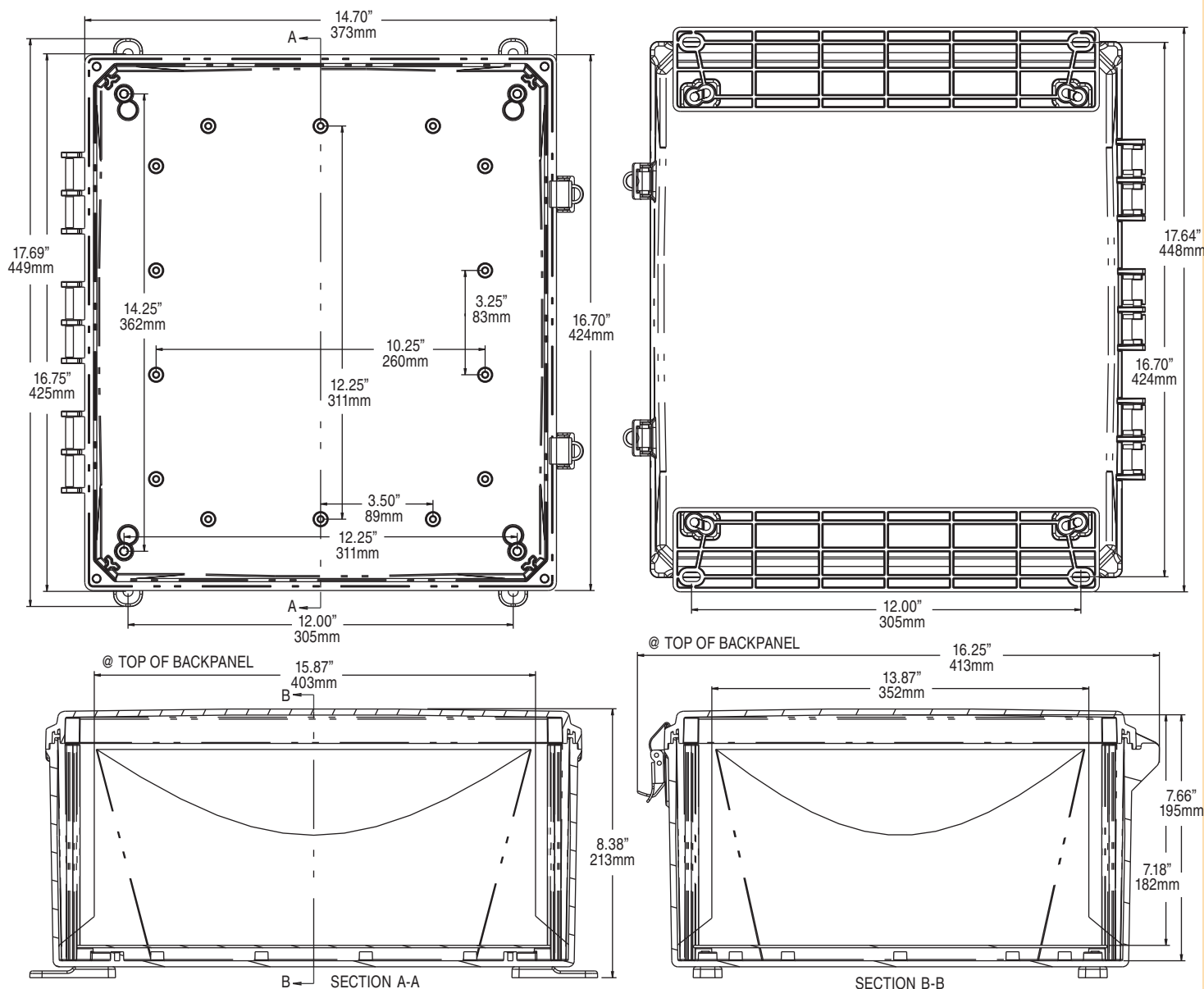
Mechanical and Thermal	Test Spec.	Unit	Premium Line
Instrumented Dart Impact @ 73° F		in-lbs.	565
Falling Ball Impact @ 73° F	UL-746	in-lbs.	900
Deflection Temperature @ 264 psi	ASTM D648	Deg. F	270
Modulus of Elasticity	ASTM D790	ksi	340
Temperature Range		Deg. F	-40 to 265
Flammable / UV Ratings	Test 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	Mounting Flange	Stainless Steel Locking Latch	Non-Metallic 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	✓	✓	✓	✓		✓		✓		

TORQUE SPECIFICATIONS - Mounting Brackets - 1/4"-20 x 0.25 SS, countersunk Phillips drive screws (torque limit = 20 in-lbs.) | Covers / Doors - Torque for corner screws is 10 in-lbs.



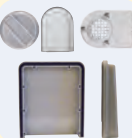




# 16X14X7 PREMIUM LINE



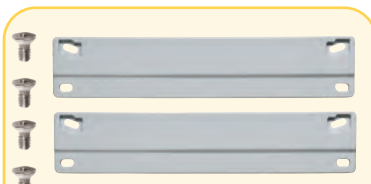
Register online to download this drawing off the Integra website at [www.integraenclosures.com](http://www.integraenclosures.com) | Your company's logo or other information on the lid. Consult factory for details.

## Accessories for 16x14x7 (For complete accessories, see pages 73-77)

 <p><b>Back Panels</b> ABP1614 - Aluminum panel SBP1614 - Steel panel PVCBP1614 - PVC panel</p>	 <p><b>Aluminum Swing Out Panels</b> ABP-1614-USOPK - Complete panel kit ABP-1614USP - Aluminum swing out panels only USOPK - Hardware only</p>	 <p><b>Back Panel Adjustment Kit</b> BPAKG - Gray, Set Screw BPAKB - Black, Set Screw UBPAKG - Gray, Thumb Screw UBPAKB - Black Thumb Screw</p>
 <p><b>Air Vents / Fan Shrouds</b> VENT 3 - 3" Aluminum louvered VENT 2 - Outdoor labyrinth FS KIT1 - 1 piece kit FS KIT2 - 2 piece kit Specifications on page 71</p>	 <p><b>Steel Swing Out Panels</b> SBP-1614-USOPK - Complete panel kit SBP-1614USP - Steel swing out panels only USOPK - Hardware only</p>	 <p><b>Cord Grips</b> IP68/NEMA 4X/6P rated See page 72 for more details and part numbers.</p>
 <p><b>Din Rail</b> DIN 14 - 2 rails, 4 screws</p>	 <p><b>Pole Mounting Kit</b> PMKG-214 - 2" pole PMKG-314 - 3" pole PMKG-414 - 4" pole PMKG-1214 - 12" pole</p>	 <p><b>Mounting Feet &amp; Flange Kits</b> MFKG - Premium line feet MFKSS - Stainless steel feet MFLK14 - 14" Flange kit</p>



Comes with feet or flanges



\* This size also available in low profile hinge.



MADE IN THE USA



## 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-lbs.	565
Falling Ball Impact @ 73° F	UL-746	in-lbs.	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

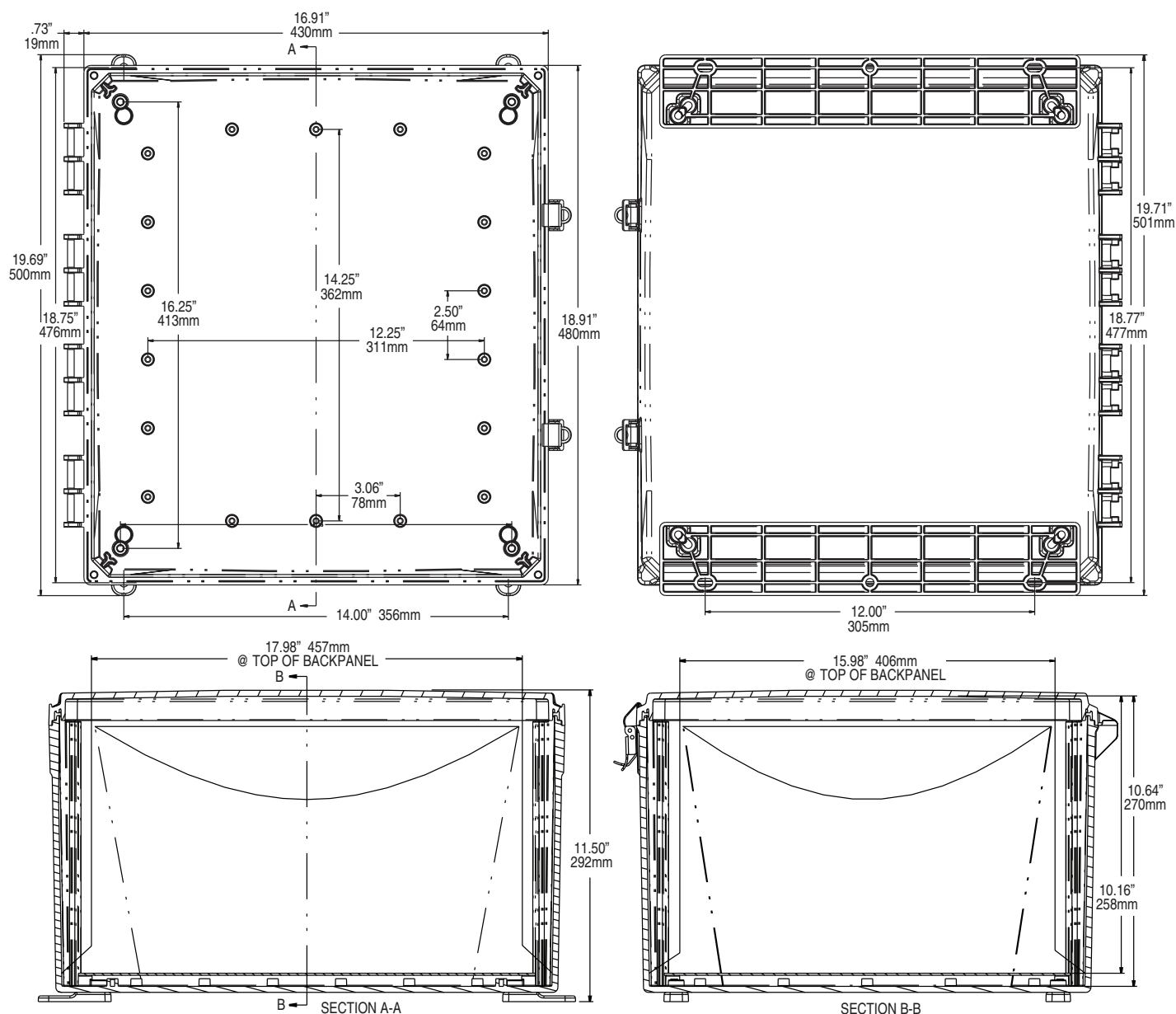
181610 P/N	4X IP66	6P IP68	Hinged Cover	Screw Cover	Opaque Cover	Clear Cover	Mounting Feet	Mounting Flange	Stainless Steel Locking Latch	Non-Metallic Locking Latch
H181610S	✓	✓		✓	✓		✓			
H181610SC	✓	✓		✓		✓	✓			
H181610SF	✓	✓		✓	✓			✓		
H181610SCF	✓	✓		✓		✓		✓		
H181610H	✓		✓	✓	✓		✓			
H181610HC	✓	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

TORQUE SPECIFICATIONS - Mounting Brackets - 1/4"-20 x 0.25 SS, countersunk Phillips drive screws (torque limit = 20 in-lbs.) | Covers / Doors - Torque for corner screws is 10 in-lbs.






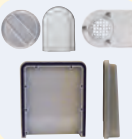



# 18X16X10 PREMIUM LINE



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## Accessories for 18x16x10 (For complete accessories, see pages 73-77)

 <p><b>Back Panels</b> ABP1816 - Aluminum panel SBP1816 - Steel panel PVCBP1816 - PVC panel</p>	 <p><b>Aluminum Swing Out Panels</b> ABP-1816-USOPK - Complete panel kit ABP-1816USP - Aluminum swing out panels only USOPK - Hardware only</p>	 <p><b>Back Panel Adjustment Kit</b> BPAKG - Gray, Set Screw BPAKB - Black, Set Screw UBPAKG - Gray, Thumb Screw UBPAKB - Black Thumb Screw</p>
 <p><b>Air Vents / Fan Shrouds</b> VENT 3 - 3" Aluminum louvered VENT 2 - Outdoor labyrinth FS KIT1 - 1 piece kit FS KIT2 - 2 piece kit Specifications on page 71</p>	 <p><b>Steel Swing Out Panels</b> SBP-1816-USOPK - Complete panel kit SBP-1816USP - Steel swing out panels only USOPK - Hardware only</p>	 <p><b>Cord Grips</b> IP68/NEMA 4X/6P rated See page 72 for more details and part numbers.</p>
 <p><b>Din Rail</b> DIN 16 - 2 rails, 4 screws</p>	 <p><b>Pole Mounting Kit</b> PMKG-216 - 2" pole PMKG-316 - 3" pole PMKG-416 - 4" pole PMKG-1216 - 12" pole</p>	 <p><b>Mounting Feet &amp; Flange Kits</b> MFKG - Premium line feet MFKSS - Stainless steel feet MFLK16 - 16" Flange kit</p>



## IMPACT<sup>®</sup> LINE OVERVIEW - 100% NON-METALIC

### ■ 900 in-lbs. Impact Resistance

Polycarbonate is known for its high impact resistance and that is why we chose to use it as the material for our Impact<sup>®</sup> Line Enclosures.

### ■ Wide Operating Temperature Range

Polycarbonate is stable and holds its 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<sup>®</sup> series enclosures eliminate the need to affix the mounting feet or flange to the enclosure. The mounting flanges are simply molded into 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<sup>®</sup> enclosures. A stainless steel and non-metallic latch are also available on most sizes. (Integrated latch is only the 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<sup>®</sup> 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<sup>®</sup> enclosures offer 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

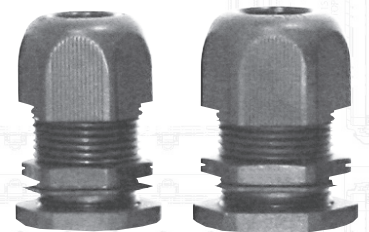


All Impact<sup>®</sup> enclosures are available standard with the integrated locking latch. Most Impact<sup>®</sup> enclosures are also available with stainless steel (LL) or non-metallic (NL) latches that are bolted in place.

## SWING OUT PANEL KITS



## CORD GRIPS



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

## DIN RAILS



## BACK PANELS



## POLE MOUNTING KITS







## IMPACT<sup>®</sup>

### 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<sup>®</sup> 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<sup>®</sup> Line enclosures provide great value to any application.



Mechanical and Thermal	Test Spec.	Unit	Impact <sup>®</sup> Line
Instrumented Dart Impact @ 73° F		in-lbs.	565
Falling Ball Impact @ 73° F	UL-746	in-lbs.	900
Deflection Temperature @ 264 psi	ASTM D648	Deg. F	270
Modulus of Elasticity	ASTM D790	ksi	340
Temperature Range		Deg. F	-40 to 265

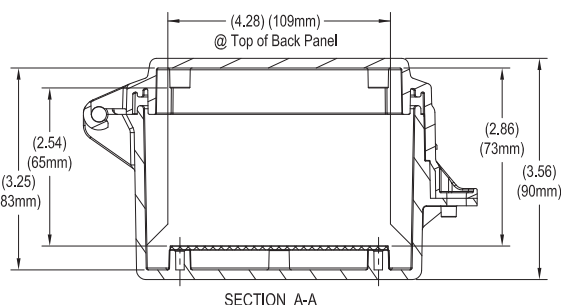
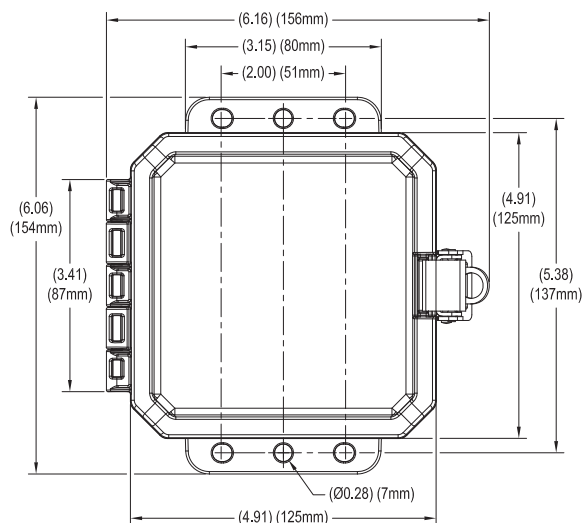
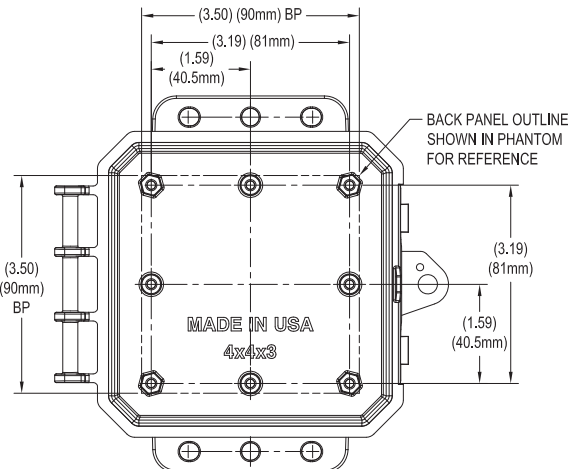
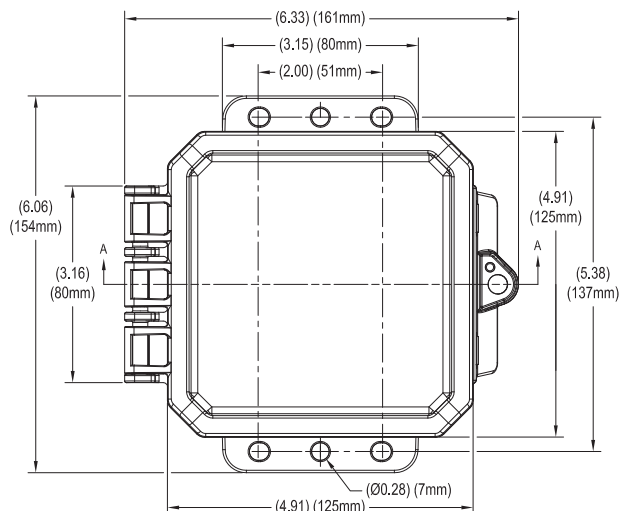
Flammable / UV Ratings	Test Spec.	Unit	Impact <sup>®</sup> Line
Flame Rating - UL	UL 94	-	5VA
Outdoor UV Exposure	UL	-	f1

4043 P/N	4X IP66	6P IP68	Clear Cover	Opaque Cover	Integrated Mounting Flange	Standard Hinge	Low Profile Hinge	Integrated Locking Latch	Stainless Steel Locking Latch	Non-Metallic Locking Latch	Face Plate Mtg System*
P4043	✓	✓		✓	✓	✓		✓			✓
P4043C	✓	✓	✓		✓	✓		✓			✓
P4043LL	✓			✓	✓	✓			✓		✓
P4043CLL	✓		✓		✓	✓			✓		✓
P4043LP	✓	✓		✓	✓		✓	✓			✓
P4043LPC	✓	✓	✓		✓		✓	✓			✓
P4043LPLL	✓			✓	✓		✓		✓		✓
P4043LPCLL	✓		✓		✓		✓		✓		✓
P4043NL	✓			✓	✓	✓				✓	✓
P4043CNL	✓		✓		✓	✓				✓	✓
P4043LPNL	✓			✓	✓		✓			✓	✓
P4043LPCNL	✓		✓		✓		✓			✓	✓

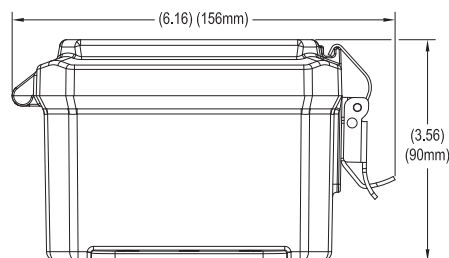
\* Sold separately



# 4X4X3 IMPACT® LINE



SECTION A-A



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## Accessories for 4x4x3 Impact® (For complete accessories, see pages 78-81)



### Back Panels

ABP44-IMP - Aluminum panel  
SBP44-IMP - Steel panel  
PVCBP44-IMP - PVC panel



**Aluminum Face Plate System**  
AFP44-IMP\* - Aluminum face plate and FPSK-44 mounting kit  
AFP44-IMP - Aluminum face plate only



**Face Plate Support Kit**  
CB43-IMP\* - Support kit contains 4 support panels and 8 screws.

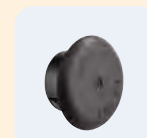


### Air Vents

VENT 3 - Aluminum louvered  
VENT 2 - Outdoor labyrinth



**Steel Face Plate System**  
SFP44-IMP\* - Steel face plate and FPSK-44 mounting kit  
SFP44-IMP - Steel face plate only



### Hole Plugs

Liquid tight thru plugs. IP67 and UL rated. See page 72 for more details.



### Din Rail

DIN 4-IMP - 2 rails, 4 screws



### Pole Mounting Kit

PMKG-24-IMP - 2" pole  
PMKG-34-IMP - 3" pole  
PMKG-44-IMP - 4" pole  
PMKG-124-IMP - 12" pole



### Cord Grips

IP68/NEMA 4X/6P rated  
See page 72 for more details.

\* Patent # 10,516,256



## IMPACT<sup>®</sup>

### 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<sup>®</sup> 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<sup>®</sup> Line enclosures provide great value to any application.



Mechanical and Thermal	Test Spec.	Unit	Impact <sup>®</sup> Line
Instrumented Dart Impact @ 73° F		in-lbs.	565
Falling Ball Impact @ 73° F	UL-746	in-lbs.	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 <sup>®</sup> Line
Flame Rating - UL	UL 94	-	5VA
Outdoor UV Exposure	UL	-	f1

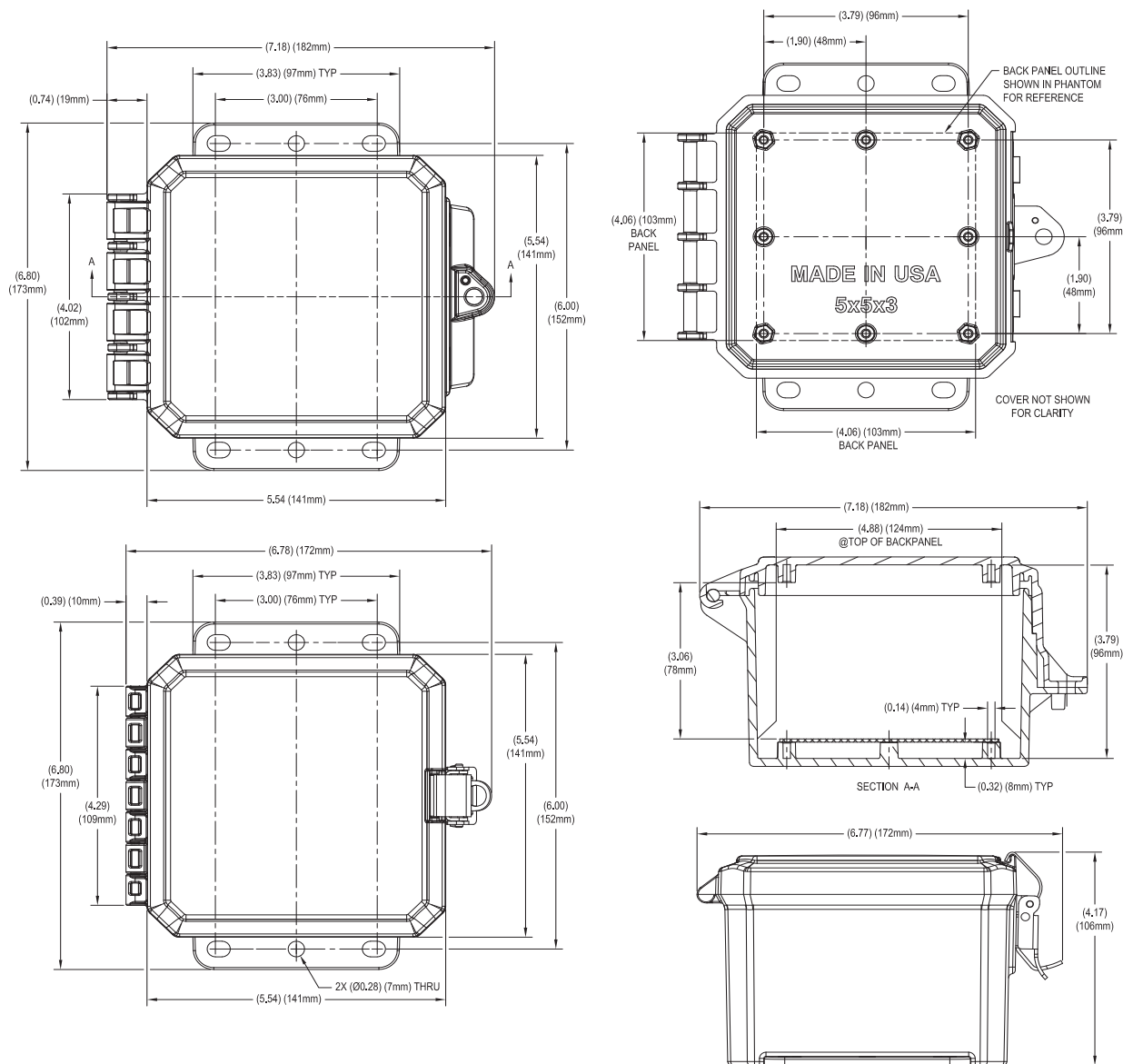
5053 P/N	4X IP66	6P IP68	Clear Cover	Opaque Cover	Integrated Mounting Flange	Standard Hinge	Low Profile Hinge	Integrated Locking Latch	Stainless Steel Locking Latch	Non-Metallic Locking Latch	Face Plate Mtg System*
P5053	✓	✓		✓	✓	✓		✓			✓
P5053C	✓	✓	✓		✓	✓		✓			✓
P5053LL	✓			✓	✓	✓			✓		✓
P5053CLL	✓		✓		✓	✓			✓		✓
P5053LP	✓	✓		✓	✓		✓	✓			✓
P5053LPC	✓	✓	✓		✓		✓	✓			✓
P5053LPLL	✓			✓	✓		✓		✓		✓
P5053LPCLL	✓		✓		✓		✓		✓		✓
P5053NL	✓			✓	✓	✓				✓	✓
P5053CNL	✓		✓		✓	✓				✓	✓
P5053LPNL	✓			✓	✓		✓			✓	✓
P5053LPCNL	✓		✓		✓		✓			✓	✓

\* Sold separately





# 5X5X3 IMPACT® LINE



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## Accessories for 5x5x3 Impact® (For complete accessories, see pages 78-81)



### Back Panels

ABP55-IMP - Aluminum panel  
SBP55-IMP - Steel panel  
PVCBP55-IMP - PVC panel



**Aluminum Face Plate System**  
AFP55-IMP\* - Aluminum face plate and FPSK-55 mounting kit  
AFP55-IMP - Aluminum face plate only



**Face Plate Support Kit**  
CB53-IMP\* - Support kit contains 4 support panels and 8 screws.

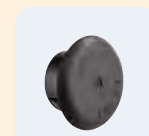


### Air Vents

VENT 3 - Aluminum louvered  
VENT 2 - Outdoor labyrinth



**Steel Face Plate System**  
SFP55-IMP\* - Steel face plate and FPSK-55 mounting kit  
SFP55-IMP - Steel face plate only



### Hole Plugs

Liquid tight thru plugs. IP67 and UL rated. See page 72 for more details.



### Din Rail

DIN 5-IMP - 2 rails, 4 screws



### Pole Mounting Kit

PMKG-24-IMP - 2" pole  
PMKG-34-IMP - 3" pole  
PMKG-44-IMP - 4" pole  
PMKG-124-IMP - 12" pole



### Cord Grips

IP68/NEMA 4X/6P rated  
See page 72 for more details.

\* Patent # 10,516,256



## IMPACT<sup>®</sup>

### 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<sup>®</sup> 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<sup>®</sup> Line enclosures provide great value to any application.



Mechanical and Thermal	Test Spec.	Unit	Impact <sup>®</sup> Line
Instrumented Dart Impact @ 73° F		in-lbs.	565
Falling Ball Impact @ 73° F	UL-746	in-lbs.	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 <sup>®</sup> Line
Flame Rating - UL	UL 94	-	5VA
Outdoor UV Exposure	UL	-	f1

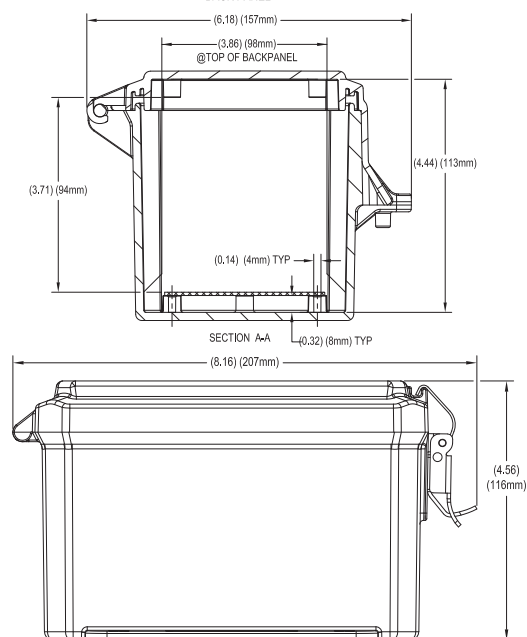
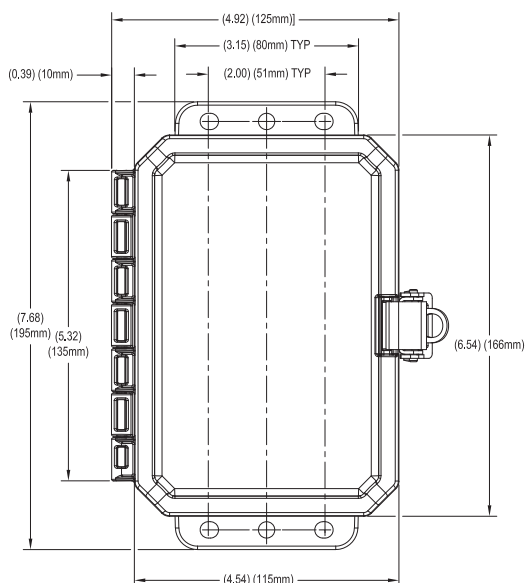
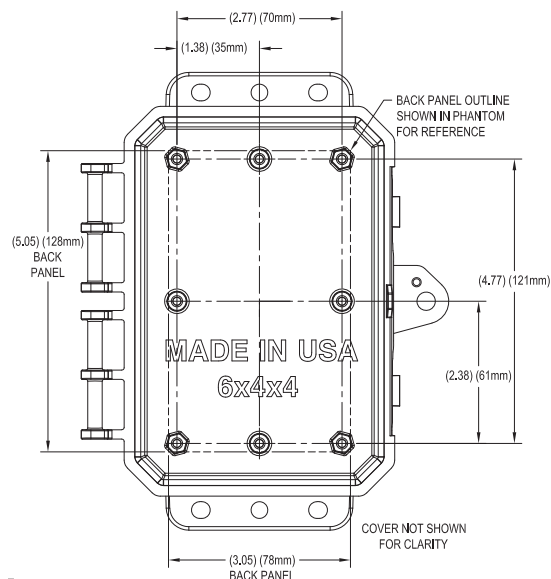
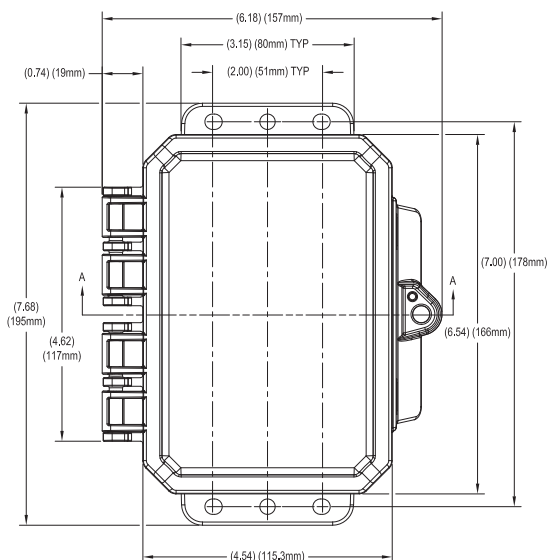
#### 6044 P/N

	4X IP66	6P IP68	Clear Cover	Opaque Cover	Integrated Mounting Flange	Standard Hinge	Low Profile Hinge	Integrated Locking Latch	Stainless Steel Locking Latch	Non-Metallic Locking Latch	Face Plate Mtg System*
P6044	✓	✓		✓	✓	✓		✓			✓
P6044C	✓	✓	✓		✓	✓		✓			✓
P6044LL	✓			✓	✓	✓			✓		✓
P6044CLL	✓		✓		✓	✓			✓		✓
P6044LP	✓	✓		✓	✓		✓	✓			✓
P6044LPC	✓	✓	✓		✓		✓	✓			✓
P6044LPLL	✓			✓	✓		✓		✓		✓
P6044LPCLL	✓		✓		✓		✓		✓		✓
P6044NL	✓			✓	✓	✓				✓	✓
P6044CNL	✓		✓		✓	✓				✓	✓
P6044LPNL	✓			✓	✓		✓			✓	✓
P6044LPCNL	✓		✓		✓		✓			✓	✓

\* Sold separately



# 6X4X4 IMPACT® LINE



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## Accessories for 6x4x4 Impact® (For complete accessories, see pages 78-81)



### Back Panels

**ABP64-IMP** - Aluminum panel  
**SBP64-IMP** - Steel panel  
**PVCBP64-IMP** - PVC panel



### Aluminum Face Plate System

**AFPK64-IMP\*** - Aluminum face plate and FPSK-55 mounting kit  
**AFP64-IMP** - Aluminum face panel only



### Face Plate Support Kit

**CB64-IMP\*** - Support kit contains 4 support panels and 8 screws.



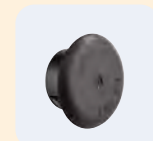
### Air Vents

**VENT 3** - Aluminum louvered  
**VENT 2** - Outdoor labyrinth



### Steel Face Plate System

**SFPK64-IMP\*** - Steel face plate and FPSK-55 mounting kit  
**SFP64-IMP** - Steel face panel only



### Hole Plugs

Liquid tight thru plugs. IP67 and UL rated. See page 72 for more details.



### Din Rail

**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 72 for more details.

\* Patent # 10,516,256





## IMPACT<sup>®</sup>

### 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<sup>®</sup> 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<sup>®</sup> Line enclosures provide great value to any application.



Flammable / UV Ratings	Test Spec.	Unit	Impact <sup>®</sup> Line
Flame Rating - UL	UL 94	-	5VA
Outdoor UV Exposure	UL	-	f1

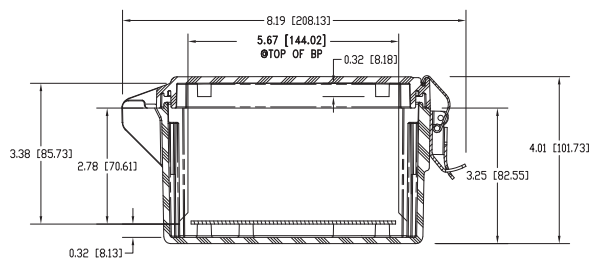
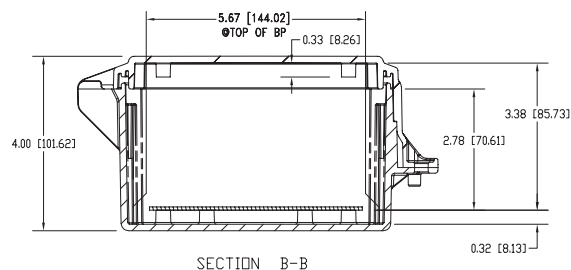
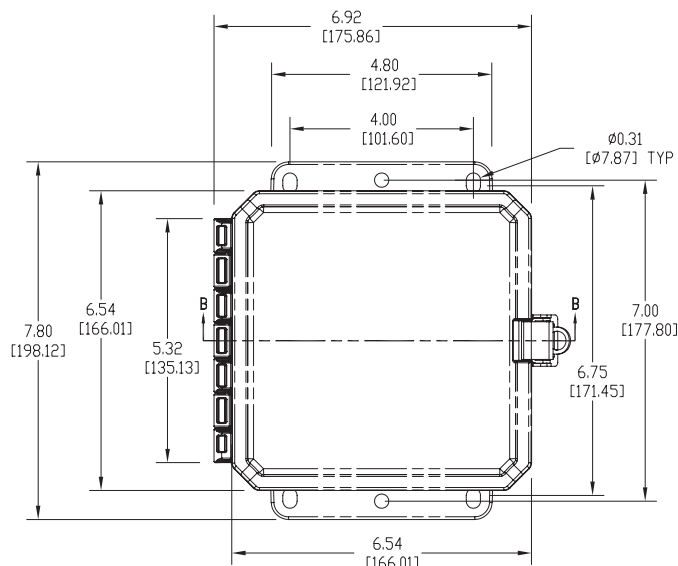
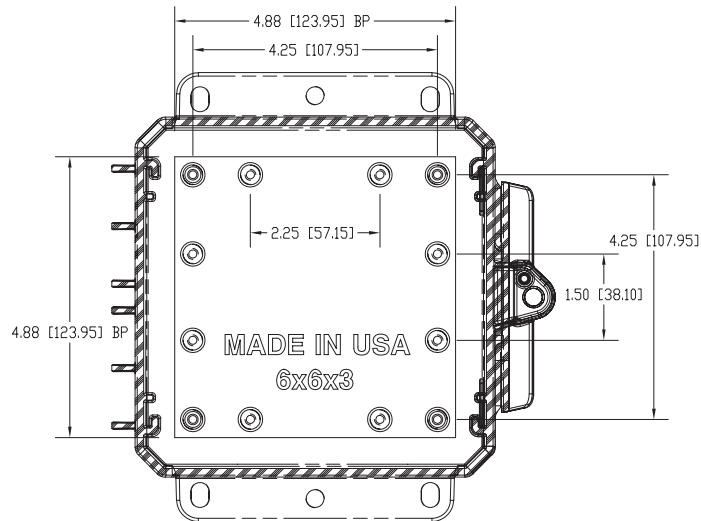
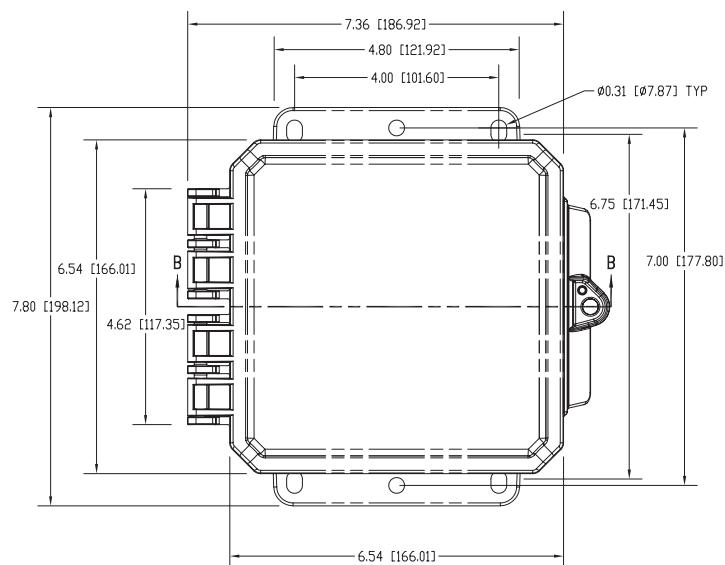
Mechanical and Thermal	Test Spec.	Unit	Impact <sup>®</sup> Line
Instrumented Dart Impact @ 73° F		in-lbs.	565
Falling Ball Impact @ 73° F	UL-746	in-lbs.	900
Deflection Temperature @ 264 psi	ASTM D648	Deg. F	270
Modulus of Elasticity	ASTM D790	ksi	340
Temperature Range		Deg. F	-40 to 265

6063 P/N	4X IP66	6P IP68	Clear Cover	Opaque Cover	Integrated Mounting Flange	Standard Hinge	Low Profile Hinge	Integrated Locking Latch	Stainless Steel Locking Latch	Non-Metallic Locking Latch	Face Plate Mtg System*
P6063	✓	✓		✓	✓	✓		✓			✓
P6063C	✓	✓	✓		✓	✓		✓			✓
P6063LL	✓			✓	✓	✓			✓		✓
P6063CLL	✓		✓		✓	✓			✓		✓
P6063LP	✓	✓		✓	✓		✓	✓			✓
P6063LPC	✓	✓	✓		✓		✓	✓			✓
P6063LP LL	✓			✓	✓		✓		✓		✓
P6063LPCLL	✓		✓		✓		✓		✓		✓
P6063NL	✓			✓	✓	✓				✓	✓
P6063CNL	✓		✓		✓	✓				✓	✓
P6063LPNL	✓			✓	✓		✓			✓	✓
P6063LPCNL	✓		✓		✓		✓			✓	✓

\* Sold separately












# 6X6X3 IMPACT® LINE



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## Accessories for 6x6x3 Impact® (For complete accessories, see pages 78-81)

 <p><b>Back Panels</b> ABP66-IMP - Aluminum panel SBP66-IMP - Steel panel PVCBP66-IMP - PVC panel</p>	 <p><b>Aluminum Swing Out System</b> ASWPK66-IMP Aluminum swing panel and SOPK-IMP mounting kit ASWP66-IMP - Aluminum swing panel only SOPK66-86-IMP - 2 rigid brackets, 1 pivot bracket &amp; 8 self-tapping screws</p>	 <p><b>Aluminum Face Plate System</b> AFP66-IMP - Aluminum face plate and SOPK-IMP mounting kit AFP66-IMP - Aluminum face plate only SOPK66-86-IMP - 2 rigid brackets, 1 pivot bracket &amp; 8 self-tapping screws</p>
 <p><b>Air Vents</b> VENT 3 - Aluminum louvered VENT 2 - Outdoor labyrinth</p>	 <p><b>Steel Swing Out System</b> SSWPK66-IMP Steel swing panel and SOPK-IMP mounting kit SSWP66-IMP - Steel swing panel only SOPK66-86-IMP - 2 rigid brackets, 1 pivot bracket &amp; 8 self-tapping screws</p>	 <p><b>Steel Face Plate System</b> SFPK66-IMP - Steel face plate and SOPK-IMP mounting kit SFP66-IMP - Steel face plate only SOPK66-86-IMP - 2 rigid brackets, 1 pivot bracket &amp; 8 self-tapping screws</p>
 <p><b>Din Rail</b> DIN 6-IMP - 2 rails, 4 screws</p>	 <p><b>Pole Mounting Kit</b> PMKG-26-IMP - 2" pole PMKG-36-IMP - 3" pole PMKG-46-IMP - 4" pole PMKG-126-IMP - 12" pole</p>	 <p><b>Cord Grips</b> IP68/NEMA 4X/6P rated See page 72 for more details.</p>



## 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.



Mechanical and Thermal	Test Spec.	Unit	Impact® Line
Instrumented Dart Impact @ 73° F		in-lbs.	565
Falling Ball Impact @ 73° F	UL-746	in-lbs.	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

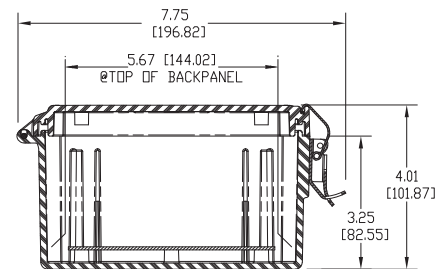
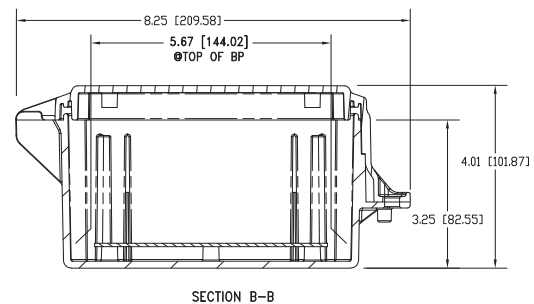
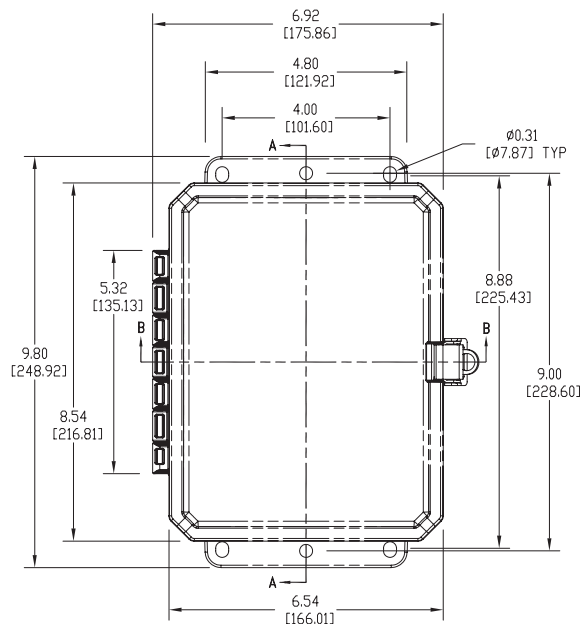
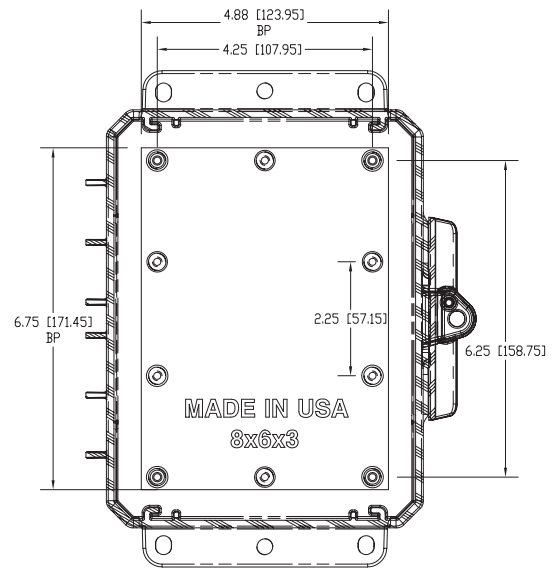
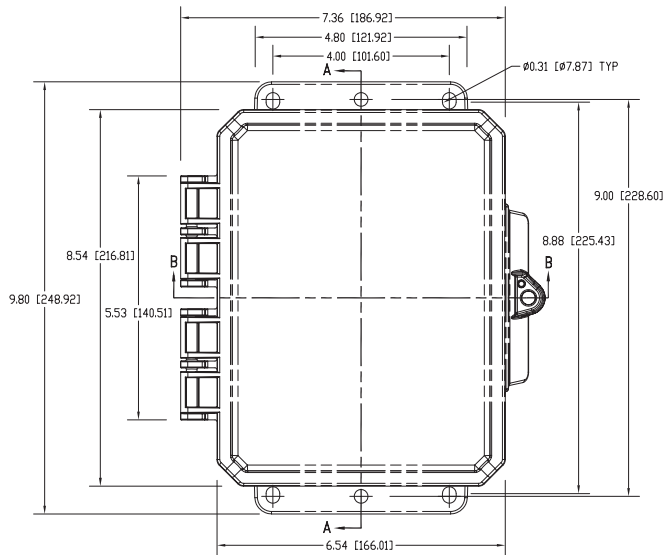
8063 P/N	4X IP66	6P IP68	Clear Cover	Opaque Cover	Integrated Mounting Flange	Standard Hinge	Low Profile Hinge	Integrated Locking Latch	Stainless Steel Locking Latch	Non-Metallic Locking Latch	Face Plate Mtg System*
P8063	✓	✓		✓	✓	✓		✓			✓
P8063C	✓	✓	✓		✓	✓		✓			✓
P8063LL	✓			✓	✓	✓			✓		✓
P8063CLL	✓		✓		✓	✓			✓		✓
P8063LP	✓	✓		✓	✓		✓	✓			✓
P8063LPC	✓	✓	✓		✓		✓	✓			✓
P8063LP LL	✓			✓	✓		✓		✓		✓
P8063LPCLL	✓		✓		✓		✓		✓		✓
P8063NL	✓			✓	✓	✓				✓	✓
P8063CNL	✓		✓		✓	✓				✓	✓
P8063LPNL	✓			✓	✓		✓			✓	✓
P8063LPCNL	✓		✓		✓		✓			✓	✓

\* Sold separately





# 8X6X3 IMPACT® LINE



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## Accessories for 8x6x3 Impact® (For complete accessories, see pages 78-81)



### Back Panels

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



### Aluminum Swing Out System

ASWP86-IMP Aluminum swing panel and SOPK-IMP mounting kit  
ASWP86-IMP - Aluminum swing panel only  
SOPK66-86-IMP - 2 rigid brackets, 1 pivot bracket & 8 self-tapping screws



### Aluminum Face Plate System

FPK86-IMP - Aluminum face plate and SOPK-IMP mounting kit  
AFP86-IMP - Aluminum face panel only  
SOPK66-86-IMP - 2 rigid brackets, 1 pivot bracket & 8 self-tapping screws



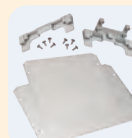
### Air Vents

VENT 3 - Aluminum louvered  
VENT 2 - Outdoor labyrinth



### Steel Swing Out System

SSWP86-IMP Steel swing panel and SOPK-IMP mounting kit  
SSWP86-IMP - Steel swing panel only  
SOPK66-86-IMP - 2 rigid brackets, 1 pivot bracket & 8 self-tapping screws



### Steel Face Plate System

SFPK86-IMP - Steel face plate and SOPK-IMP mounting kit  
SFP86-IMP - Steel face panel only  
SOPK66-86-IMP - 2 rigid brackets, 1 pivot bracket & 8 self-tapping screws



### Din Rail

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 72 for more details.



## 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.



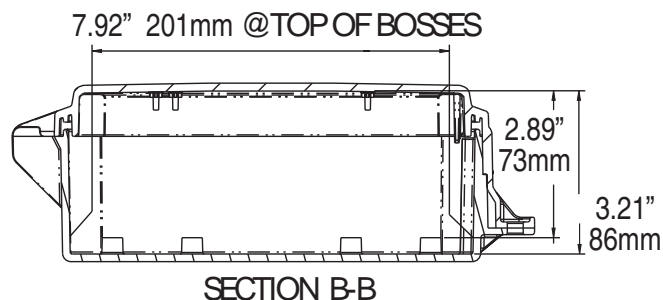
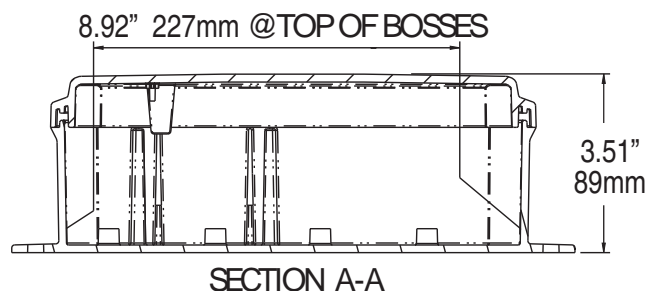
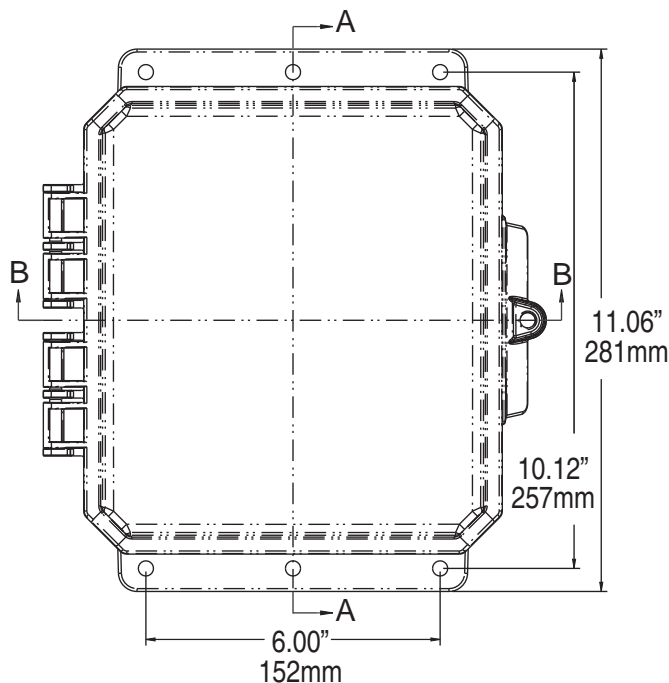
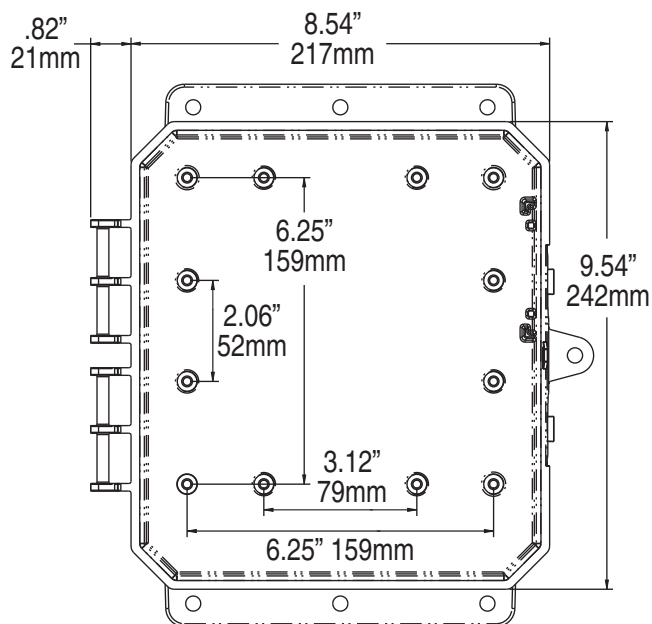
Mechanical and Thermal	Test Spec.	Unit	Impact® Line
Instrumented Dart Impact @ 73° F		in-lbs.	565
Falling Ball Impact @ 73° F	UL-746	in-lbs.	900
Deflection Temperature @ 264 psi	ASTM D648	Deg. F	270
Modulus of Elasticity	ASTM D790	ksi	340
Temperature Range		Deg. F	-40 to 265
Flammable / UV Ratings	Test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

9082 P/N	4X IP66	6P IP68	Clear Cover	Opaque Cover	Integrated Mounting Flange	Standard Hinge	Low Profile Hinge	Integrated Locking Latch	Stainless Steel Locking Latch	Non-Metallic Locking Latch	Face Plate Mtg System*
P9082	✓	✓		✓	✓	✓		✓		✓	✓
P9082C	✓	✓	✓		✓	✓		✓		✓	✓

\* Sold separately



# 9X8X2 IMPACT® LINE



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## Accessories for 9x8x2 Impact® (For complete accessories, see pages 78-81)



### Back Panels

ABP98-IMP - Aluminum panel  
SBP98-IMP - Steel panel  
PVCBP98-IMP - PVC panel



### Din Rail

DIN 8 - 2 rails, 4 screws



### Mounting Screws

SP-10I - 10 Pieces self-tapping screws for bosses



### Air Vents

VENT 3 - Aluminum louvered



### Pole Mounting Kit

PMKG-28-IMP - 2" pole  
PMKG-38-IMP - 3" pole  
PMKG-48-IMP - 4" pole  
PMKG-128-IMP - 12" pole



### Cord Grips

IP68/NEMA 4X/6P rated  
See page 72 for more details and part numbers.





## 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.

Mechanical and Thermal	Test Spec.	Unit	Impact® Line
Instrumented Dart Impact @ 73° F		in-lbs.	565
Falling Ball Impact @ 73° F	UL-746	in-lbs.	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

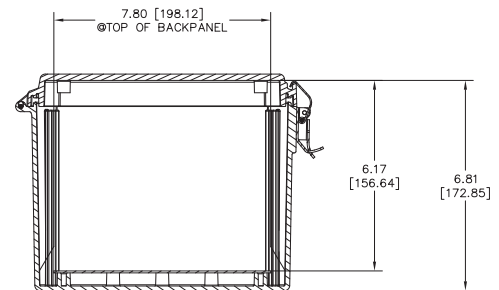
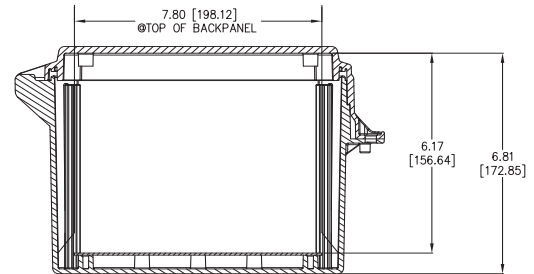
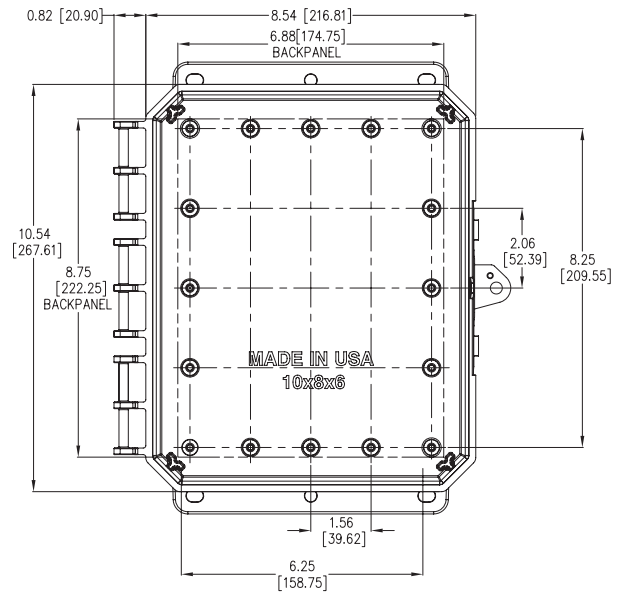
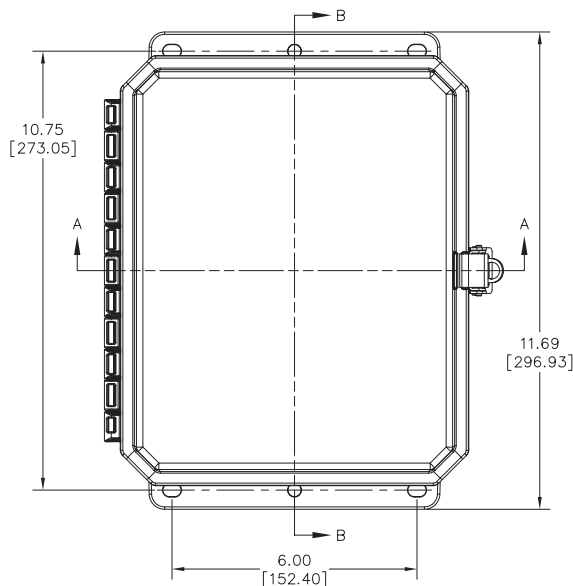
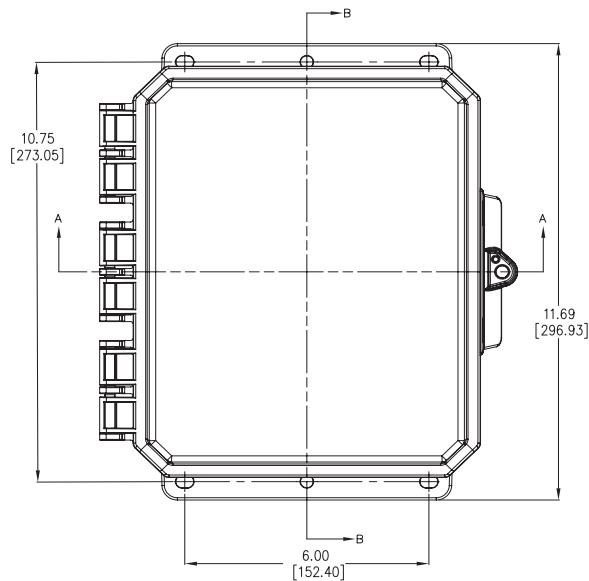


10086 P/N	4X IP66	6P IP68	Clear Cover	Opaque Cover	Integrated Mounting Flange	Standard Hinge	Low Profile Hinge	Integrated Locking Latch	Stainless Steel Locking Latch	Non-Metallic Locking Latch	T-Rail Mtg System
P10086	✓	✓		✓	✓	✓		✓			✓
P10086C	✓	✓	✓		✓	✓		✓			✓
P10086LL	✓			✓	✓	✓			✓		✓
P10086CLL	✓		✓		✓	✓			✓		✓
P10086LP	✓	✓		✓	✓		✓	✓			✓
P10086LPC	✓	✓	✓		✓		✓	✓			✓
P10086LPLL	✓			✓	✓		✓		✓		✓
P10086LPCLL	✓		✓		✓		✓		✓		✓
P10086NL	✓			✓	✓	✓				✓	✓
P10086CNL	✓		✓		✓	✓				✓	✓
P10086LPNL	✓			✓	✓		✓			✓	✓
P10086LPCNL	✓		✓		✓		✓			✓	✓

\* Sold separately



# 10X8X6 IMPACT® LINE



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## Accessories for 10x8x6 Impact® (For complete accessories, see pages 78-81)



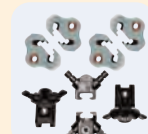
### Back Panels

ABP108-IMP - Aluminum panel  
SBP108-IMP - Steel panel  
PVCBP108-IMP - PVC panel



### Aluminum Swing Out Panels

ABP-108-USOPK - Complete panel kit  
ABP-108USP - Aluminum swing out panels only  
USOPK - Hardware only



### Back Panel Adjustment Kit

BPAGK - Gray, Set Screw  
BPAKB - Black, Set Screw  
UBPAKG - Gray, Thumb Screw  
UBPAKB - Black Thumb Screw



### Air Vents

VENT 3 - Aluminum louvered  
VENT 2 - Outdoor labyrinth



### Steel Swing Out Panels

SBP-108-USOPK - Complete panel kit  
SBP-108USP - Steel swing out panels only  
USOPK - Hardware only



### Mounting Screws

SP-10I - 10 Pieces self-tapping screws for bosses



### Din Rail

DIN 8-IMP - 2 rails, 4 screws



### Pole Mounting Kit

PMKG-28-IMP - 2" pole  
PMKG-38-IMP - 3" pole  
PMKG-48-IMP - 4" pole  
PMKG-128-IMP - 12" pole



### Cord Grips

IP68/NEMA 4X/6P rated  
See page 72 for more details.



## GENESIS LINE OVERVIEW

### ■ 900 in-lbs Impact Resistance

Polycarbonate is known for its 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 its 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 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.

### ■ 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\*



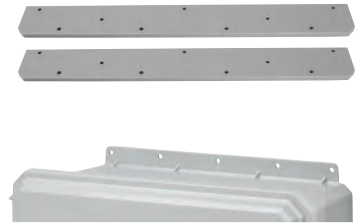
This piece secures just inside the lip of the base with four Multi-Max Rails® and provides revolutionary rigidity to the enclosure and endless options for mounting. This piece comes pre-installed and is a standard component in the enclosure.

## 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



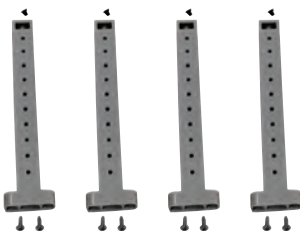
Strong, piano hinge style hinge pin provides rigid and repeatable door operation even with components mounted in the door. Easily removable cover for access and accessibility.

## 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 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.

## 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.

\* Multi-Max Frame, Multi-Max Rail System® and Panel Pads Patented



## 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.

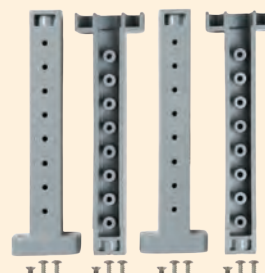
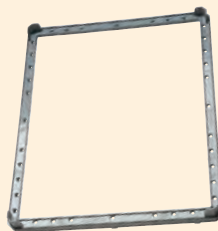
Mechanical and Thermal Test Spec.	Unit	Genesis Line
Instrumented Dart Impact @ 73° F	in-lbs.	565
Falling Ball Impact @ 73° F	UL-746 in-lbs.	900
Deflection Temperature @ 264 psi	ASTM D648 Deg. F	270
Modulus of Elasticity	m ASTM D790 ksi	340
Temperature Range	Deg. F	-40 to 265
Flammable / UV Ratings Test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

201608 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	✓		✓		✓	✓		✓		✓
G201608E	✓	✓	✓	✓		✓	✓			
G201608CE	✓	✓	✓		✓	✓	✓			

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

### G201608 includes the following

Enclosure, Multi-Max Frame, Set of Four Multi-Max Rails® (with Screws), and Two Latches



Enclosure

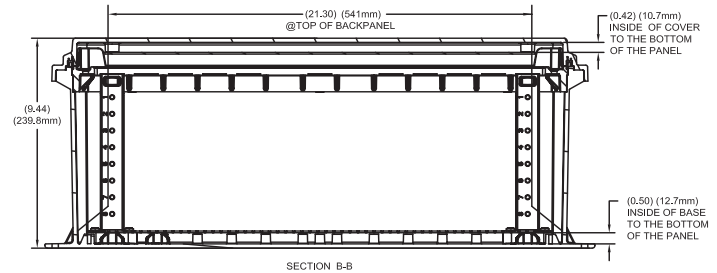
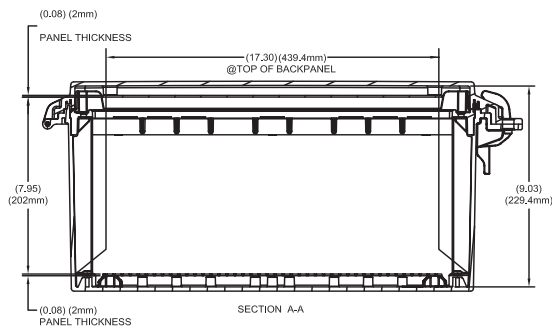
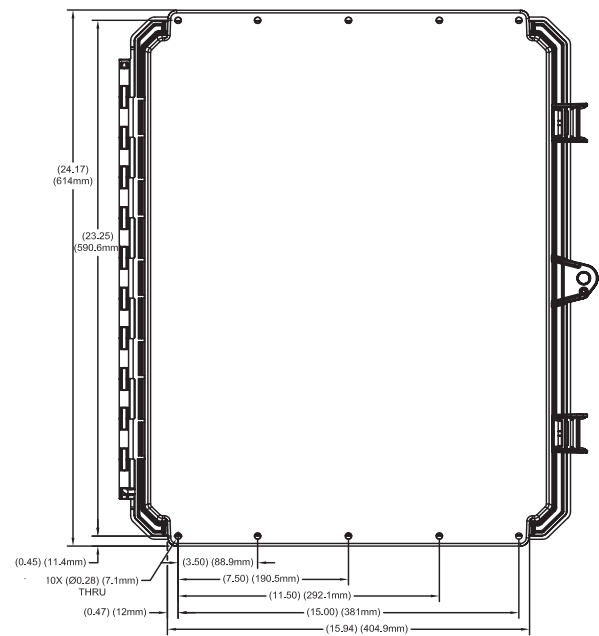
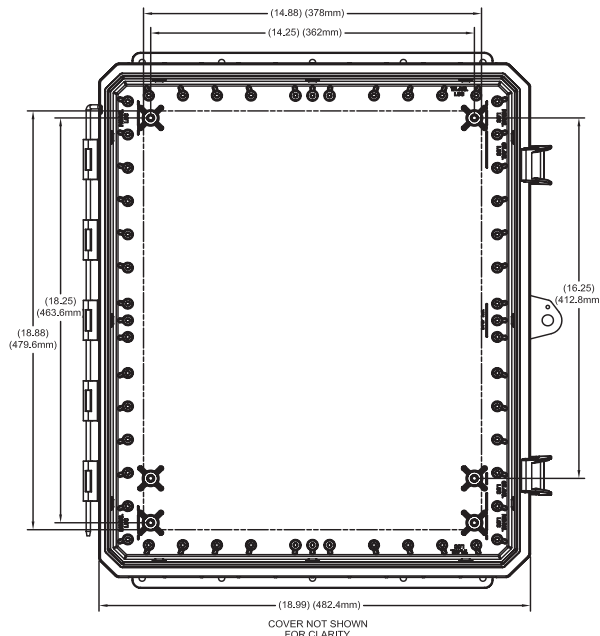
Multi-Max Frame  
(pre-installed)

Set of Four  
Multi-Max Rails®

Two Latches

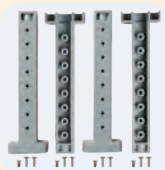


# 20X16X08 GENESIS LINE



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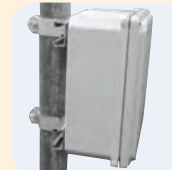
## Accessories for 20x16x08 Genesis (For complete accessories, see pages 82-83)



**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



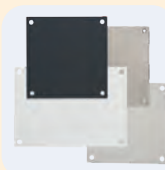
**Door Stop Kit**  
**KIT-DOOR-STOP** - Door  
Stop Kit for Genesis  
Enclosures



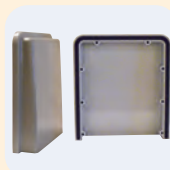
**Self-Tapping Screws**  
**GSP-10** - Self-tapping  
screws for bosses (10  
per pack)



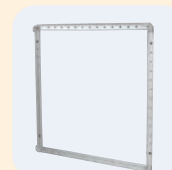
**Swing Out Panel System**  
**ABP2016-GSOPK** - Aluminum  
swing panel includes  
ABP2016 and GSOPK20  
**SBP2016-GSOPK** - Steel  
swing panel includes  
SBP2016 and GSOPK20  
**GSOPK20** - 20" hinge, panel  
pads and screws (panel  
not included)



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



**Fan Shroud Kits**  
**FS-KIT-1** - One shroud  
with gasket and screws  
**FS-KIT-2** - Two shrouds  
with gasket and screws



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





## 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-lbs.	565
Falling Ball Impact @ 73° F	UL-746 in-lbs.	900
Deflection Temperature @ 264 psi	ASTM D648 Deg. F	270
Modulus of Elasticity	m 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

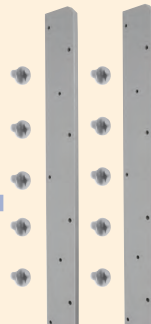
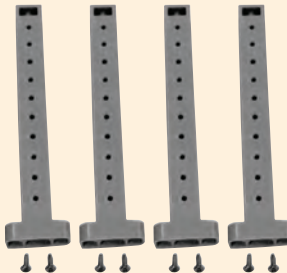
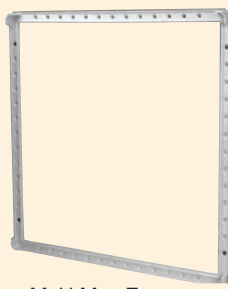


242410 P/N	4X IP66	6P IP68	Hinged Cover	Opaque Cover	Clear Cover	Mounting Flange	Non-Metallic Locking Latch	Multi-Max Rail System®	3-Point Latch	1/4 Turn Latch
G242410	✓	✓	✓	✓		✓	✓	✓		
G242410C	✓	✓	✓		✓	✓	✓	✓		
G242410TPL	✓		✓	✓		✓		✓	✓	
G242410CTPL	✓		✓		✓	✓		✓	✓	
G242410QTL	✓		✓	✓		✓		✓		✓
G242410CQTL	✓		✓		✓	✓		✓		✓
G242410E	✓	✓	✓	✓		✓	✓			
G242410CE	✓	✓	✓		✓	✓	✓			

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

### G242410 includes the following

Enclosure, Multi-Max Frame, Set of Four Multi-Max Rails® (with Screws), Two Mounting Flanges (with Screws), and Four Latches



Enclosure

Multi-Max Frame  
(pre-installed)

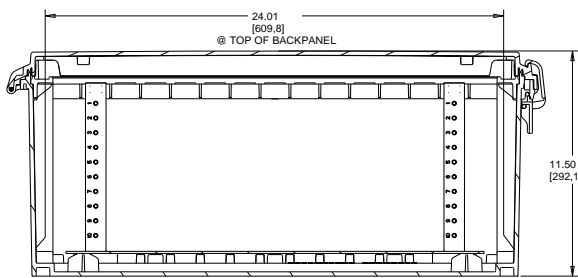
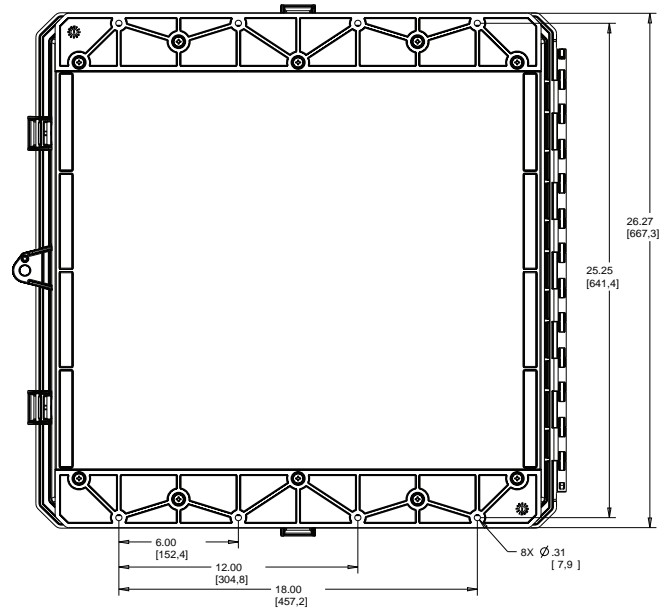
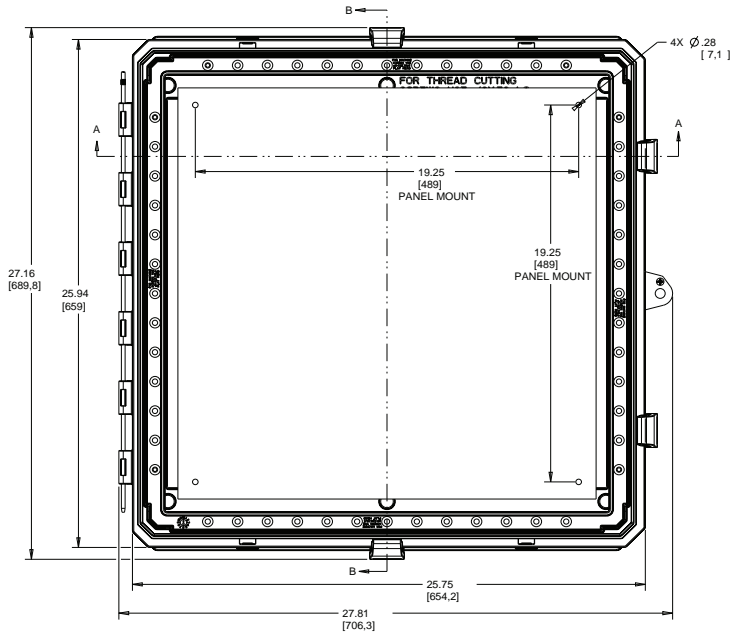
Set of Four  
Multi-Max Rails®

Two Mounting Flanges

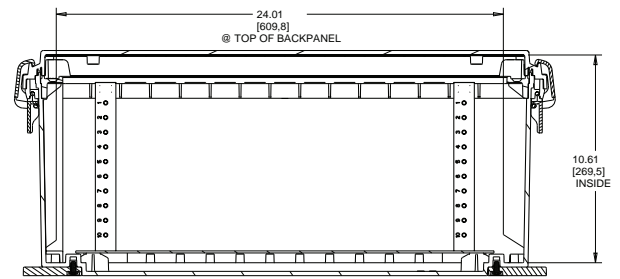
Four Latches



# 24X24X10 GENESIS LINE



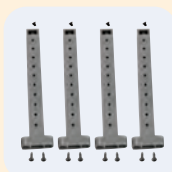
SECTION A-A



SECTION B-B

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

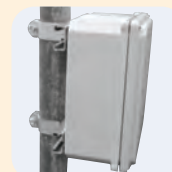
## Accessories for 24x24x10 Genesis (For complete accessories, see pages 82-83)



**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



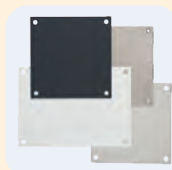
**Door Stop Kit**  
**KIT-DOOR-STOP** - Door Stop Kit for Genesis Enclosures



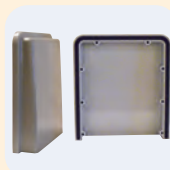
**Self-Tapping Screws**  
**GSP10** - Self-tapping screws for bosses (10 per pack)



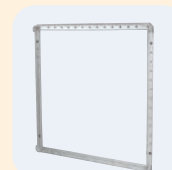
**Swing Out Panel System**  
**ABP2424 GSOPK** - Aluminum swing panel includes ABP24 and GSOPK24  
**SBP2424 GSOPK** - Steel swing panel includes SBP24 and GSOPK24  
**GSOPK24** - 24" hinge, panel pads and screws (panel not included)



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



**Fan Shroud Kits**  
**FS-KIT-1** - One shroud with gasket and screws  
**FS-KIT-2** - Two shrouds with gasket and screws



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

# GENESIS STANDARD & OVERSIZED PANELS



## INTEGRA STANDARD BACK PANEL

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

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



MULTI-MAX RAILS®

## INTEGRA XL BACK PANEL

10% MORE  
MOUNTING SPACE

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®

## INTEGRA XXL BACK PANEL

20% MORE  
MOUNTING SPACE

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

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



MULTI-MAX RAILS®





## GENESIS LINE ENCLOSURE OPTIONS



Quarter Turn Latch

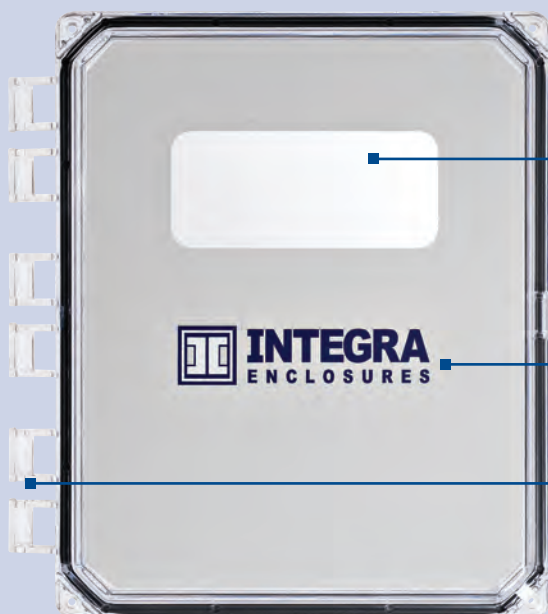


Three Point Latch



Swing Out Panel

## 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.



## STRONGBOX LINE OVERVIEW -

### ■ Customization

Integra's new StrongBox NEMA 4X Stainless Steel line is fully customizable to fit your application; tell us what you want, and we'll deliver within the industry's fastest lead times.

With over 30 years of proven manufacturing experience, Integra Enclosures manufactures and delivers UL approved products to customers when they want it and how they want it. Using our state-of-the-art technology and proven designs, we specialize in the custom sizes and configurations that you need. We don't inventory product, we custom build each and every enclosure.

### ■ World Class Quality

Integra Enclosures is a high quality, custom enclosure manufacturer. When you order an Integra StrongBox NEMA 4X Stainless Steel enclosure, you will receive the highest quality enclosure on the market. Enclosure seams are continuously welded and ground smooth to ensure there are no sharp edges.

### ■ Modifications

Full modification services are available at Integra to ensure your enclosure has the required dimensions, accessories and holes you need. Our modification capabilities include but are not limited to: custom sizing, custom machining, custom back panels, multiple mounting options, latching options and hinging options. Call us to discuss your unique requirements.

### ■ Multiple Hinge Options

- Removable 316 Stainless Steel Hinge (Pinge™)
- Continuous (Piano) Hinge
- Lift-Off Hinge

### ■ Various Mounting Options

- Rivet Nuts
- Through Holes
- Welded or Removable Flange
- Welded or Removable Feet
- Multiple Sizes of Legs (Floor Stands)

### ■ Integrated Latch Options

- Quarter Turn Latch
- Integra Locking Latch
- 3-Point Latch (Pad Lockable)

### ■ Gasket

- Polyurethane Foam-In-Place
- Pressure Sensitive Peel & Stick

### ■ Benefits of Integra Stainless Steel

Our stainless steel enclosures are designed to protect any indoor or outdoor application against corrosion, chemicals and wet conditions. It is constructed with UV protected and Impact resistant material to ensure protection in any environment, UL50E NEMA 4X rated.

### ■ 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.





# STRONGBOX LINE

## WALL MOUNT



## SLOPE TOP



## MULTIPLE MOUNTING OPTIONS



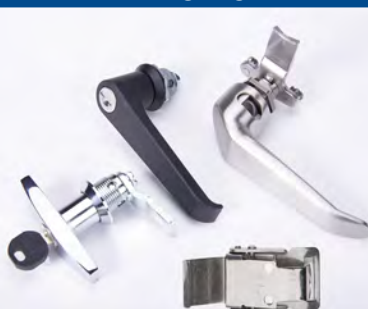
- Rivet Nuts or Through Holes
- Welded or Removable Flange
- Welded or Removable Feet
- Multiple Sizes of Legs (Floor Stands)

## MULTIPLE HINGE OPTIONS



- Removable Hinge (Pinge™)
- Continuous (Piano) Hinge
- Lift-Off Hinge

## LATCHES

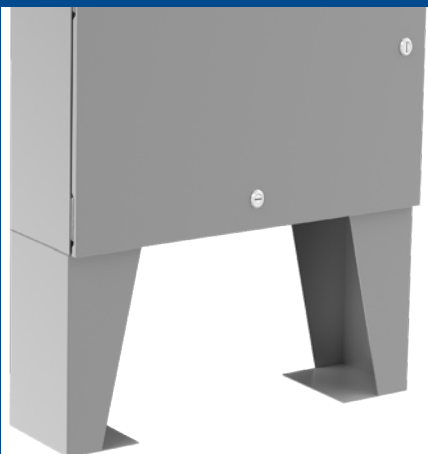


- Quarter-Turn Latch
- Integra Locking Latch
- 3-Point Latch (Pad Lockable)

## CUSTOMIZATION



## FREE STANDING FEET



## BACK PANELS



## SWING PANELS







## PART NUMBER MATRIX

SERIES	DIMENSIONS						MATERIAL	HINGE TYPE	LATCH TYPE	
1	2	3	4	5	6	7	-	9	10	11

1 SERIES

W = Wall Mount  
S = Slope Top

DIMENSIONS

Height: 2 3

Width: 4 5

Depth: 6 7

9 MATERIAL

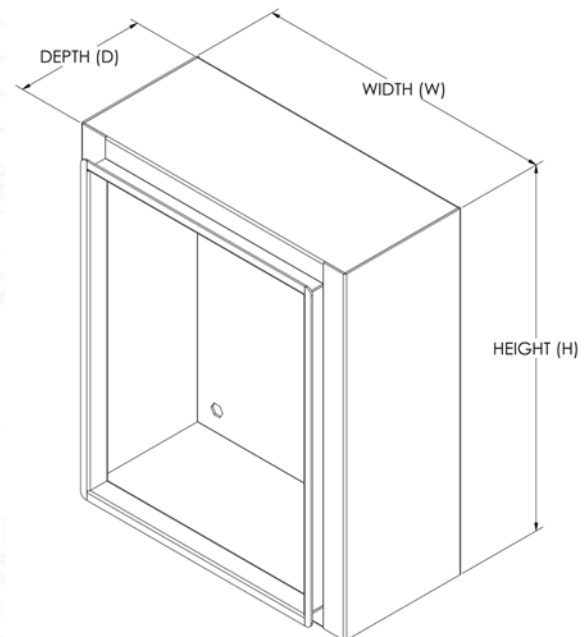
A = Aluminum  
4 = 304 Stainless Steel  
6 = 316 Stainless Steel

HINGE TYPE

H = Continuous / Piano Hinge  
P = Removable 316 Stainless Steel Pin Hinge (Pinge™)  
L = Liftoff Hinge

LATCH TYPE

3 = 3-Point Latch  
Q = Quarter Turn Latch  
L = Integra Locking Latch



OPTIONS AVIALABLE:  
DRIP SHIELD

2-DOOR VARIANT WITH REMOVABLE CENTER  
CHANNEL & EXPANDED ENVELOPE.



# STRONGBOX CUSTOMIZATION FORM



## Modification Part Form

Required for all custom quotes and orders.

All submitted drawings must reflect location, dimensions, hole diameters and artwork details (if applicable.)

Customer Name: _____	End User: _____	Desired Delivery Date: _____
Sales Rep: _____	Phone Number: _____	
Competitor Part Number: _____	Budgetary Price: _____	

ENCLOSURE	Standard Catalog Enclosure? Y <input type="checkbox"/> N <input type="checkbox"/> Part Number: _____ Quote/Order Qty: _____
	<div style="display: flex; justify-content: space-between;"> <div> Material: 304 SS <input type="checkbox"/>  316 SS <input type="checkbox"/>  5052-H32 AL <input type="checkbox"/> </div> <div> Style: Wall Mount <input type="checkbox"/>  *Slope Top <input type="checkbox"/> </div> <div> Dimensions:  Height: _____  Width: _____  Depth: _____ </div> <div> Latch: Integra Latch <input type="checkbox"/>  <b>Quarter Turn Latch</b> <input type="checkbox"/>  3-Point Latch <input type="checkbox"/>  **Other: _____ <input type="checkbox"/> </div> </div>
	Hinge: 316 SS Pin Hinge (Pinge) <input type="checkbox"/> Continuous Hinge <input type="checkbox"/> ***Other: _____ <input type="checkbox"/>
	Mounting: Rivet-Nuts <input type="checkbox"/> Mounting Tabs: Weld-On: <input type="checkbox"/> Bolt-On: <input type="checkbox"/> Mounting Flanges <input type="checkbox"/> Free Standing Feet 6" ○ 12" ○ Other <input type="checkbox"/> : _____
	UL Label Required: Y <input type="checkbox"/> N <input type="checkbox"/> Kick-off Meeting: Y <input type="checkbox"/> N <input type="checkbox"/> Brief Description of Modification: _____ <small>* Slope top dimensions are based on the door height and width.  ** Custom latches and hinges subject to engineering approval and may not be UL rated.  *** Doors under 10" must use a continuous hinge. Pinge is <b>not</b> available on aluminum enclosures.  Layout standard options are highlighted.</small>

MODIFICATIONS	Cover <input type="checkbox"/> Base <input type="checkbox"/> Both <input type="checkbox"/> Gland Plate <input type="checkbox"/>
	Drawing Submitted? Y <input type="checkbox"/> N <input type="checkbox"/> Sample Required? Y* <input type="checkbox"/> N <input type="checkbox"/> <small>*Extra Costs apply</small> Paint: <input type="checkbox"/> Color: _____
	If drawing is not submitted, please complete the following: Thru holes? Y <input type="checkbox"/> N <input type="checkbox"/> Number of holes: _____ Extra Weld Studs? Y <input type="checkbox"/> N <input type="checkbox"/> Number of studs: _____ Number of surfaces with stud welds: _____ Number of surfaces to be machined: _____ <small>*If tooling/fixtures are needed, an extra cost may apply.</small>

ACCESSORIES	Back Panel <input type="checkbox"/> <input type="checkbox"/> Aluminum <input type="checkbox"/> Galvanneal <input type="checkbox"/> Stainless Steel <input type="checkbox"/> Painted Carbon Steel <input type="checkbox"/> Custom <input type="checkbox"/> PEMs # of PEMs: _____ Size: _____ # of holes: _____ Size: _____ Threaded? Y <input type="checkbox"/> N <input type="checkbox"/> Installed <input type="checkbox"/> Shipped Separately <input type="checkbox"/>
	Swing Panel <input type="checkbox"/> # holes: _____ Sizes: _____ Threaded? Y <input type="checkbox"/> N <input type="checkbox"/> Installed <input type="checkbox"/> Shipped Separately <input type="checkbox"/>
	<b>MISCELLANEOUS</b> Drip shield: Y <input type="checkbox"/> N <input type="checkbox"/> Literature Tray: Small <input type="checkbox"/> Large <input type="checkbox"/> <small>(7.75"x7.70"x1.13") (8.75"x10.7"x1.13")</small> Other?: _____ _____ _____ <small>* Accessories included separately  * Standard Installation consists of accessories installed on unit based on drawing and/or dimensions if required.  * Back Panel may ship separately</small>

PACKAGING	Y <input type="checkbox"/>	Y* <input type="checkbox"/> *Please explain special packaging requirements below: _____
	Standard Packaging <input type="checkbox"/>	*Special Packaging <input type="checkbox"/> Other: _____

MKF-17002

# STRONGBOX LINE WALL MOUNT SERIES



## UL Ratings / Industry Standards

NEMA Type 1, 2, 3, 3R, 4, 4X

UL/C-UL-50 Listed

CSA Type 1, 2, 3, 3R, 4, 4X



Mechanical and Thermal

Unit

StrongBox Line

Temperature Range

Deg. F

-40 to 140

## STRONGBOX STAINLESS STEEL ENCLOSURE

### Features

#### MATERIAL:

- 304 Stainless Steel
- 316 Stainless Steel
- Aluminum

#### LATCHES:

- **Quarter-Turn**
- Integra Locking Latch
- 3-Point Latch

#### HINGES:

- **Removable 316 Stainless Steel Pin Hinge (Pinge™)**
- Continuous (Piano) Hinge
- Lift-off Hinge

#### MOUNTING:

- **Rivet Nuts**
- Mounting Tabs
- Mounting Feet
- Mounting Flange
- Multiple Sizes of Legs

#### OPTIONAL:

*Drip Shield  
2-Door variant with  
Removable Center  
Channel & expanded  
envelope.*

#### GASKETS:

- **Polyurethane Foam-In-Place Gasket**
- Pressure Sensitive Peel & Stick

#### FINISH:

- **Grade #4 Finish**

**Bold options are standard**

## Enclosures We've Manufactured

Part Number	Height	Width	Depth	Material Thickness		Panel Size	
				Cover	Base	Height	Width
W100806-4PQ	10"	8"	6"	16 Gauge (.060 in.)*	16 Gauge (.060 in.)*	8.25"	6"
W141206-6PQ	14"	12"	6"	16 Gauge (.060 in.)*	16 Gauge (.060 in.)*	12.25"	10"
W202010-6P3	20"	20"	10"	14 Gauge (.075 in.)*	16 Gauge (.060 in.)*	18.25"	18"
W243008-4PQ	24"	30"	8"	14 Gauge (.075 in.)*	14 Gauge (.075 in.)*	22.25"	28"
W303012-4P3	30"	30"	12"	14 Gauge (.075 in.)*	14 Gauge (.075 in.)*	28.25"	28"
W363612-6PQ	36"	36"	12"	14 Gauge (.075 in.)*	14 Gauge (.075 in.)*	34.25"	34"
W483612-4P3	48"	36"	12"	14 Gauge (.075 in.)*	14 Gauge (.075 in.)*	46.25"	34"

## Standard StrongBox Wall Mount Series Features (Unless Otherwise Specified)

Enclosure, Quarter-Turn Latch, Rivet Nuts, Removable 316 Stainless Steel Hinge (Pinge™), Polyurethane Foam-In-Place Gasket, and Grade #4 Finish



Enclosure

Quarter-Turn Latch

Rivet Nuts

Removable Hinge (Pinge™)

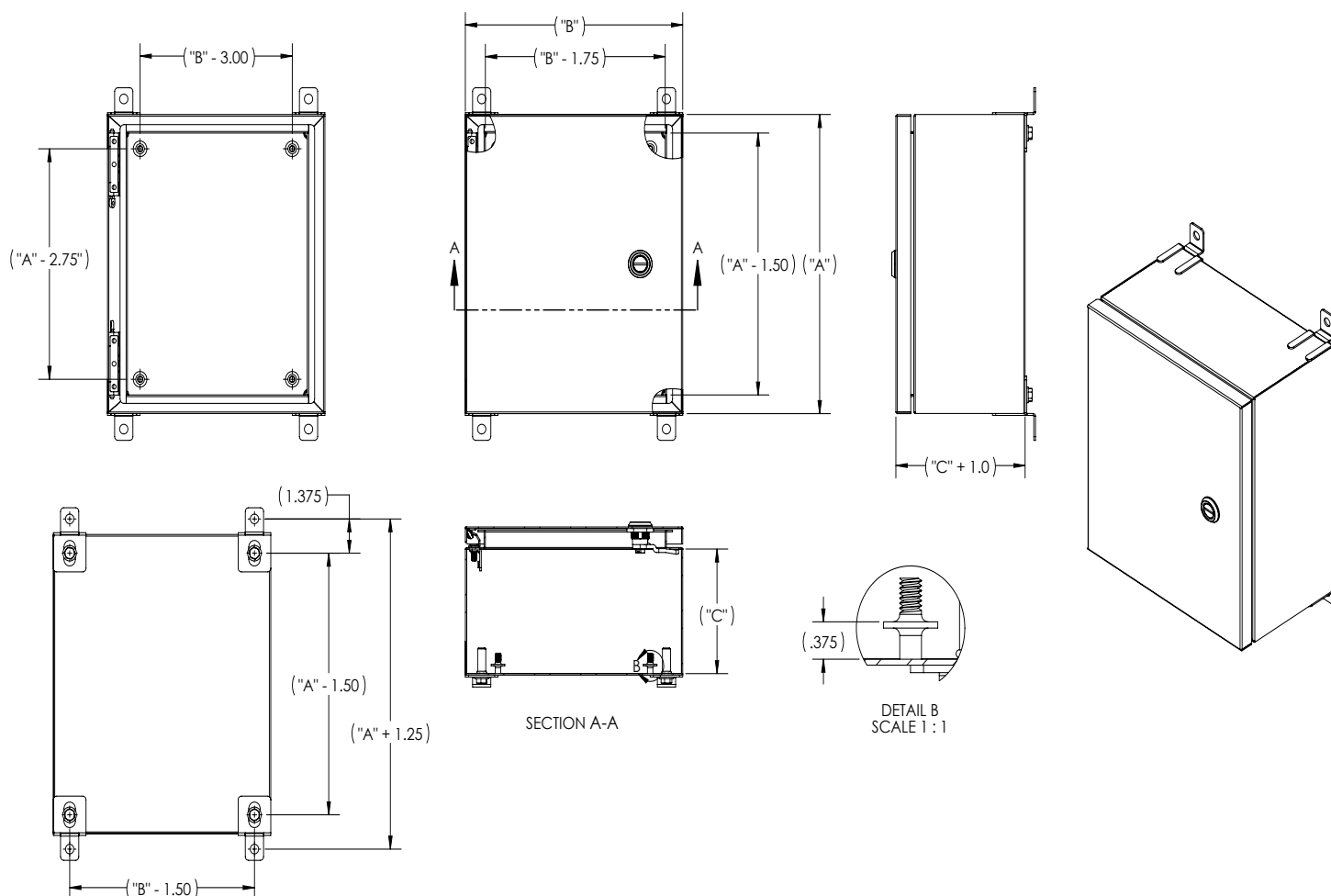
Polyurethane  
Foam-In-Place Gasket

\* Unless otherwise specified, our standard gauge size for enclosures 20"x20" and smaller are 16 gauge. For enclosures 20"x20" and larger, our standard is 14 gauge.





# STRONGBOX LINE WALL MOUNT SERIES



Register online to download this drawing off the Integra website at [www.integraenclosures.com](http://www.integraenclosures.com)

## WAYS TO CUSTOMIZE

### • Change your dimensions

We can accommodate various HxWxD requests based on your application. These configurations may not provide a UL rating and are subject to engineering approval.

### • Change your latches

Latches may be customized to fit any application:  
Quarter-Turn Latch  
Integra Locking Latch  
3-Point Latch (Pad Lockable)

### • Multiple Hinge Options

Removable 316 Stainless Steel Hinge (Pinge™)  
Continuous (Piano) Hinge  
Lift-Off Hinge

### • Multiple Mounting Options

Rivet Nuts or Through Holes  
Welded or Removable Flange  
Welded or Removable Feet  
Multiple Sizes of Legs (Floor Stands)

### • Custom Laser Cut Machining

Precision laser cut machining is available on all models, allowing each box to be tailored to your application!

• Multiple accessories are available for all models, including custom back panels, swing panels, drip shields and literature trays. Back panels and swing panels can be modified to include custom hole patterns to fit your application needs.

• To see our complete customization capabilities, view our customization form on page 61.

# STRONGBOX LINE SLOPE TOP SERIES



## UL Ratings / Industry Standards

NEMA Type 1, 2, 3, 3R, 4, 4X

UL/C-UL-50 Listed

CSA Type 1, 2, 3, 3R, 4, 4X



## Mechanical and Thermal

Temperature Range

## Unit

Deg. F

## StrongBox Line

-40 to 140

## STRONGBOX STAINLESS STEEL ENCLOSURE

### Features

#### MATERIAL:

- 304 Stainless Steel
- 316 Stainless Steel
- Aluminum

#### LATCHES:

- **Quarter-Turn**
- Integra Locking Latch
- 3-Point Latch

#### HINGES:

- **Removable 316 Stainless Steel Pin Hinge (Pinge™)**
- Continuous (Piano) Hinge
- Lift-off Hinge

#### MOUNTING:

- **Rivet Nuts**
- Mounting Tabs
- Mounting Feet
- Mounting Flange
- Multiple Sizes of Legs

#### OPTIONAL:

*Drip Shield  
2-Door variant with  
Removable Center  
Channel & expanded  
envelope.*

#### GASKETS:

- **Polyurethane Foam-In-Place Gasket**
- Pressure Sensitive Peel & Stick

#### FINISH:

- **Grade #4 Finish**

**Bold options are standard**

## Enclosures We've Manufactured

Part Number	Height	Width	Depth	Material Thickness		Panel Size	
				Cover	Base	Height	Width
S100806-4PQ	10"	8"	6"	16 Gauge (.060 in.)*	16 Gauge (.060 in.)*	8.25"	6"
S141206-6PQ	14"	12"	6"	16 Gauge (.060 in.)*	16 Gauge (.060 in.)*	12.25"	10"
S202010-6P	20"	20"	10"	14 Gauge (.075 in.)*	16 Gauge (.060 in.)*	18.25"	18"
S243008-4PQ	24"	30"	8"	14 Gauge (.075 in.)*	14 Gauge (.075 in.)*	22.25"	28"
S303012-4P3	30"	30"	12"	14 Gauge (.075 in.)*	14 Gauge (.075 in.)*	28.25"	28"
S363612-6PQ	36"	36"	12"	14 Gauge (.075 in.)*	14 Gauge (.075 in.)*	34.25"	36"
S483612-4P3	48"	36"	12"	14 Gauge (.075 in.)*	14 Gauge (.075 in.)*	46.25"	36"

## Standard StrongBox Slope Top Series Features (Unless Otherwise Specified)

Enclosure, Quarter-Turn Latch, Rivet Nuts, Removable 316 Stainless Steel Hinge (Pinge™), Polyurethane Foam-In-Place Gasket, and Grade #4 Finish



Enclosure

Quarter-Turn Latch

Rivet Nuts

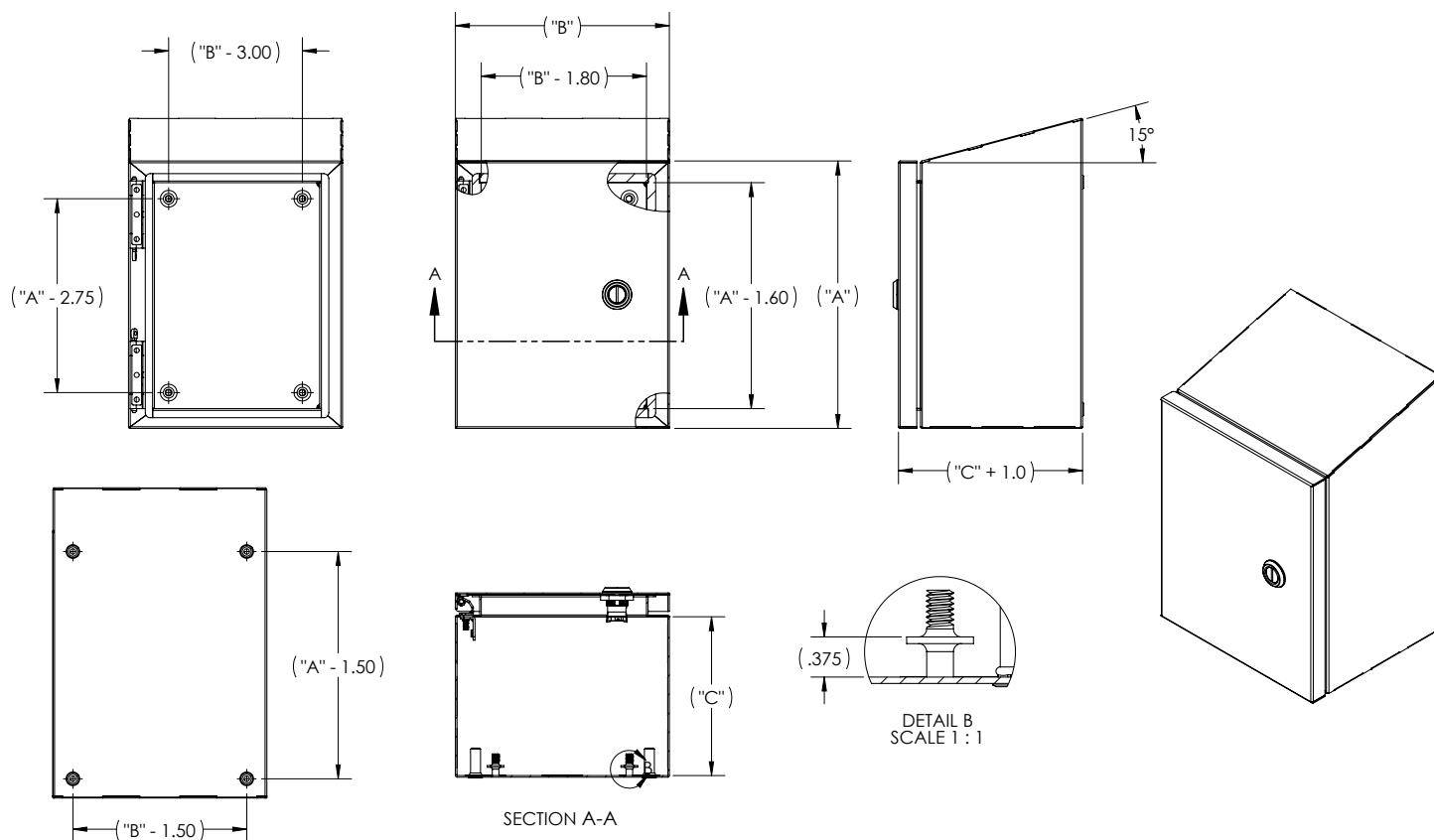
Removable Hinge (Pinge™)

Polyurethane  
Foam-In-Place Gasket

\* Unless otherwise specified, our standard gauge size for enclosures 20"x20" and smaller are 16 gauge. For enclosures 20"x20" and larger, our standard is 14 gauge.



# STRONGBOX LINE SLOPE TOP SERIES



Register online to download this drawing off the Integra website at [www.integraenclosures.com](http://www.integraenclosures.com)

## WAYS TO CUSTOMIZE

### • Change your dimensions

We can accommodate various HxWxD requests based on your application. These configurations may not provide a UL rating and are subject to engineering approval.

### • Change your latches

Latches may be customized to fit any application:  
Quarter-Turn Latch  
Integra Locking Latch  
3-Point Latch (Pad Lockable)

### • Multiple Hinge Options

Removable 316 Stainless Steel Hinge (Pinge™)  
Continuous (Piano) Hinge  
Lift-Off Hinge

### • Multiple Mounting Options

Rivet Nuts or Through Holes  
Welded or Removable Flange  
Welded or Removable Feet  
Multiple Sizes of Legs (Floor Stands)

### • Custom Laser Cut Machining

Precision laser cut machining is available on all models, allowing each box to be tailored to your application!

• Multiple accessories are available for all models, including custom back panels, swing panels, drip shields and literature trays. Back panels and swing panels can be modified to include custom hole patterns to fit your application needs.

• To see our complete customization capabilities, view our customization form on page 61.





## INTEGRA'S EASY AND UNIQUE SWING PANEL & FACE PLATE SYSTEM.

### 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 screwdriver 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

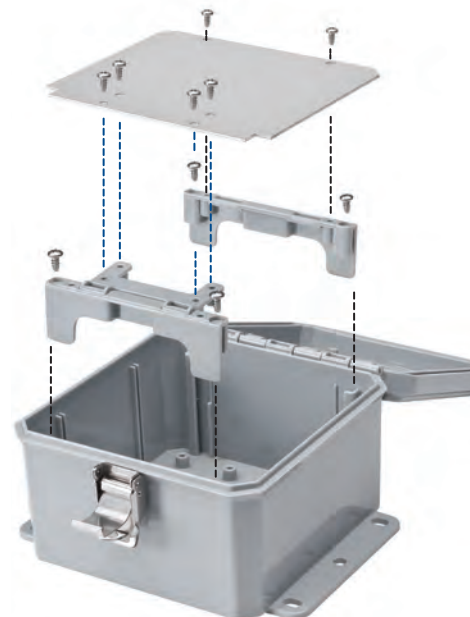


It's as easy as one, two, three...

##### 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

1. 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.*



# INTEGRA'S SWING OUT PANEL KITS

**For times when you need easy access to meters, switches, reading gauges or other significant components, Integra's swing out panel kit is your solution.**

Our advanced swing panel kits are cost-effective and designed for a quick and easy installation; panel mount brackets, hinge swing arms, hardware and the swing panel is all that is needed to quickly and cleanly install the swing panel system. No drilling required!

The swing panel kit provides an attractive solution for components mounted near the front of the enclosure. Swing panels can be modified to include custom machining and window kits. Swing panel kits are available for all Integra product lines.

## PREMIUM LINE



- Complete swing panel kit includes:
  - Panel
  - Two hinge swing arms
  - Four panel mount brackets
  - Hardware for complete installation

- Panels and hardware for swing panel kits can also be purchased separately at any time.
- Available in aluminum, white painted steel and PVC.
- No drilling required!

## IMPACT® LINE



- Complete swing panel kit includes:
  - Panel
  - Two rigid brackets
  - One pivot bracket
  - 8 self-tapping screws

- Panels and hardware for swing panel kits can also be purchased separately at any time.
- Available in aluminum and white painted steel.
- No drilling required!

## GENESIS LINE



- Complete swing panel kit includes:
  - Panel
  - Hinge for swing panel
  - Hardware for complete installation

- Panels and hardware for swing panel kits can also be purchased separately at any time.
- Available in aluminum, white painted steel and PVC.
- No drilling required!

# INTEGRA'S INNOVATIVE FACE PLATES



## INSTALLING INTEGRA'S FACE PLATE KITS IS AS EASY AS ONE, TWO, THREE!

### IMPACT® LINE OPTIONS

P4043  
P5053  
P6044



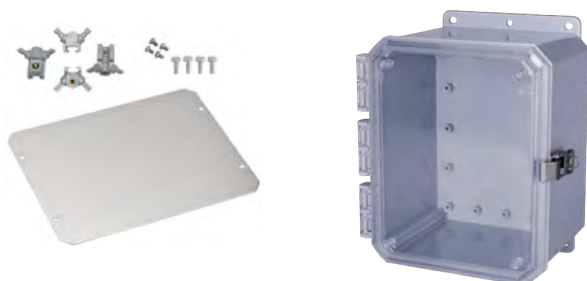
- Install the four grey corner brackets in each corner of the enclosure.
- Install four #8 self-tapping screws to secure the face plate to the brackets.
- You're done!

P6063  
P8063



- Install four #8 self-tapping screws into place to secure the brackets to the enclosure.
- Install four #8 self-tapping screws to secure the face plate to the brackets.
- You're done!

P10086



- Install the four grey corner brackets in each corner of the enclosure.
- Install four #8 self-tapping screws to secure the face plate to the brackets.
- You're done!

### Impact® Series Face Plate Accessories

AFPK44-IMP*	Complete Aluminum Face Plate Kit for Impact® P4043
AFPK55-IMP*	Complete Aluminum Face Plate Kit for Impact® P5053
AFPK64-IMP*	Complete Aluminum Face Plate Kit for Impact® P6044
AFPK66-IMP	Complete Aluminum Face Plate Kit for Impact® P6063
AFPK86-IMP	Complete Aluminum Face Plate Kit for Impact® P8063
AFPK108-IMP	Complete Aluminum Face Plate Kit for Impact® P1008
SFPK44-IMP*	Complete Steel White Face Plate Kit for Impact® P4043
SFPK55-IMP*	Complete Steel White Face Plate Kit for Impact® P5053
SFPK64-IMP*	Complete Steel White Face Plate Kit for Impact® P6044
SFPK66-IMP	Complete Steel White Face Plate Kit for Impact® P6063
SFPK86-IMP	Complete Steel White Face Plate Kit for Impact® P8063
SFPK108-IMP	Complete Steel White Face Plate Kit for Impact® P1008

\* Patent # 10,516,256

### THE ADVANTAGES OF INTEGRA'S FACE PLATE SYSTEM

Integra's face plate system is the simplest, smartest and easiest system to protect your components.

Benefits of Integra's face plate system:

- Minimum number of parts to install
- One tool needed for complete installation!
- Complete face plate kits and face plate panels in stock
- Custom panels available



**INTEGRA**  
ENCLOSURES

Contact us to learn more about  
our face plate system

440-269-4966

[www.integraenclosures.com](http://www.integraenclosures.com)





# INTEGRA LATCHES ENSURE SECURITY

Latches are an essential feature to ensure enclosures are secure and safe, and Integra's innovative latches do just that. Our latches are designed to provide the maximum amount of protection with an ease of operation. Unique to Integra, our latches are IP66 rated, with our Integrated Latch being IP68 rated, to provide high levels of protection against particles and water.



## Integrated Locking Latch IP68, NEMA 6P

Available exclusively on the Impact® Series line, Integra's Integrated locking latch is unlike any other latch on the market. The integrated latch provides for a very clean look and an easy opening of the enclosure. Self-tapping screws, tag-out and pad lock capabilities are standard for this latch, providing an additional security for your enclosure. Rated NEMA/UL 6P (IP68), this latch will protect your enclosure and property against corrosion, dust and water entry upon submersion.



## Non-Metallic Locking Latch IP66, NEMA 4X

Integra's innovative non-metallic locking latch is available on our Impact®, Premium and Genesis product lines to secure and protect your enclosure. With protection capabilities including self-tapping screws, tag-out, and padlockable, this latch is bolted in place for a more secure system than pop rivets or slide on latches. The non-metallic locking latch is NEMA/UL 4X (IP66) rated and enhances enclosures of all sizes.



## Stainless Steel Locking Latch IP66, NEMA 4X

Integra's stainless steel locking latch is available on our Impact® and Premium product lines. These latches are securely bolted in place on the enclosure to provide a more secure system than pop rivets or slide-on latches. You can choose your level of protection with pad lockable, self-tapping screws and tag-out capabilities. With a NEMA/UL 4X (IP66) rating, this latch provides durability, ease of use and a clean appearance.



## Screw Cover IP66/IP68, NEMA 4X & 6P

Integra also offers a screw-cover when a latch is not needed on all Premium line enclosures. The screw-cover comes with four captive Phillips screws, with tamper screws also available. The screw-cover is rated both NEMA 4X (IP66) and NEMA 6P (IP68) rated, to ensure protection against corrosion, dust, and the entry of water during prolonged submersion.



## Quarter-Turn Latch IP66, NEMA 4X

The quarter-turn latch is available exclusively on the Genesis series line. This latch provides a quick and simple solution for a tight seal that's easy to install and operate. With a clean, modern look, this latch is ideal for any Genesis enclosure that requires regular accessibility. The quarter-turn latch is NEMA 4X (IP66) rated.



In addition to our standard latches, a three-point latch is also available to fit your Genesis enclosure. Contact us today to learn more.



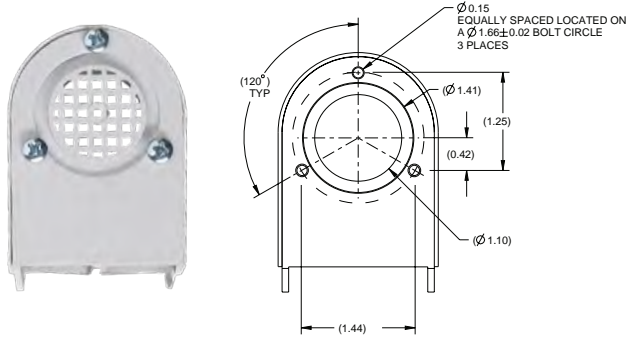
# VENTS & FAN SHROUD KITS



## COOLING OPTIONS

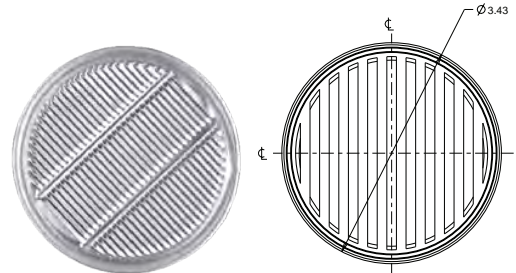
### VENT-2

Part Number	Description
Vent-2	Outdoor Vent - Labyrinth, non-metallic vent



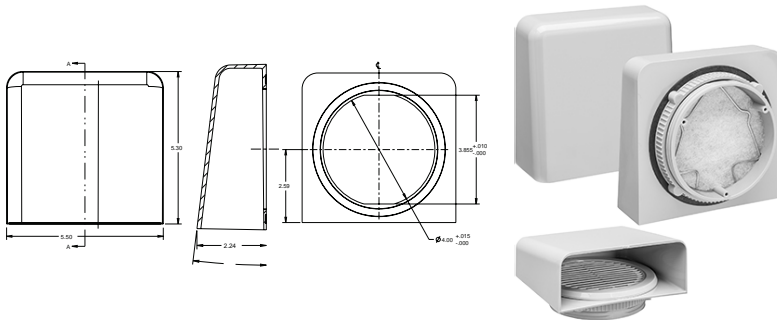
### VENT-3

Part Number	Description
Vent-3	Aluminum Vent - Louvered, aluminum vent



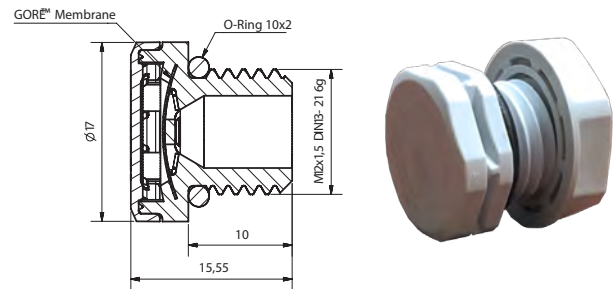
### FAN SHROUD VENT FILTER KITS

Part Number	Description
FSFK1-G	Fan Shroud Vent Filter Kit Gray - one piece
FSFK2-G	Fan Shroud Vent Filter Kit Gray - two pieces



### GORE VENTS

Part Number	Description
VENT-POLY-GRY	Gore Vent Kit - Gray



## THE INTEGRA FAMILY



### PREMIUM LINE

This enclosure is designed for any electrical application and boasts a very high-impact resistance of 900 in-lbs.



### IMPACT® LINE

This 100% polycarbonate enclosure can be custom designed and offers superior corrosion-resistance.



### GENESIS LINE

Integra's largest 24x24x10 polycarbonate enclosure with best in class hinge and multiple mounting surfaces make it ideal for any application.



### STRONGBOX LINE

Integra's new stainless steel and aluminum product line. Integra's StrongBox enclosures specialize in custom sizes and configurations to tailor to any need.



# VENTS & FAN SHROUD KITS

KEEP YOUR INTERNAL COMPONENTS PROTECTED WITH  
INTEGRA'S FAN KITS



## FAN SHROUD KITS

### Features and Benefits

- 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.
- Shrouds are sized to fit neatly over your openings and fans.
- Maintains NEMA Type 3R
- Kits include all mounting hardware & template.
- Includes fully gasketed steel between filter fan and seal.
- High impact resistant, UV resistant polycarbonate.



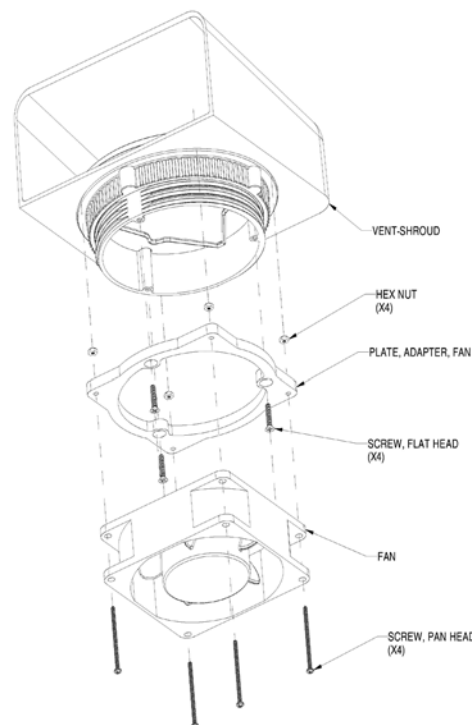
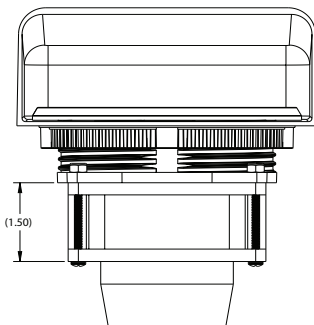
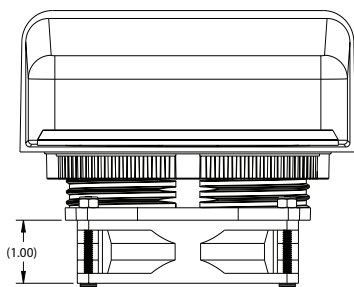
## FAN SHROUD KITS - FAN NOT INCLUDED

Part Number	Description
FS-KIT-1	Fan Shroud Kit - one piece (includes Gasket and Hardware)
FS-KIT-2	Fan Shroud Kit - Two pieces (includes Gasket and Hardware)

FOR ADDITIONAL COOLING, MAKE YOUR FILTER FAN  
A FORCED AIR SOLUTION

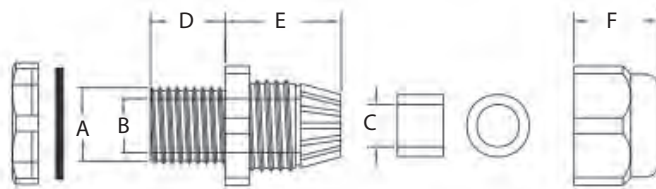
BY SELECTING A FAN KIT FROM BELOW

Part Number	Description	Voltage	CFM	Depth
KIT-FAN-120VAC-30	Fan	120 VAC	Low CFM (30)	1" deep
KIT-FAN-120VAC-84	Fan	120 VAC	High CFM (84)	1-1/2" deep
KIT-FAN-12VDC-49	Fan	12 VDC	Low CFM (49)	1" deep
KIT-FAN-12VDC-135	Fan	12 VDC	High CFM (135)	1-1/2" deep
KIT-FAN-24VDC-49	Fan	24 VDC	Low CFM (49)	1" deep
KIT-FAN-24VDC-135	Fan	24 VDC	High CFM (135)	1-1/2" deep
KIT-FAN-48VDC-50	Fan	48 VDC	Low CFM (50)	1" deep
KIT-FAN-48VDC-135	Fan	48 VDC	High CFM (135)	1-1/2" deep



## CORD GRIPS

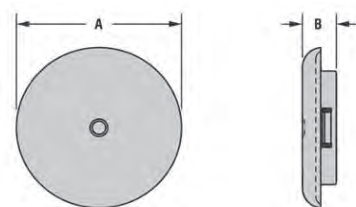
- Self-locking waterproof design
- IP68/NEMA 4X/6P Rated
- Temperature Range:  
- 4°F to 212°F (-20° C to 100° C)
- UL 94V-2 and REACH certified and RoHS compliant



Part Number	Mounting Hole Diameter		Cable Diameter Range			
	A	B	C	D	E	F
CG-LTF7	.492 (12.5)	.335 (8.5)	.244 (6.2)	.346 (8.8)	.831 (21.1)	.575 (14.6)
CG-LTF9	.614 (15.6)	.433 (11.0)	.346 (8.8)	.339 (8.6)	.902 (22.9)	.587 (14.9)
CG-LTF11	.724 (18.4)	.547 (13.9)	.398 (10.1)	.382 (9.7)	.941 (23.9)	.661 (16.8)
CG-LTF13.5	.803 (20.4)	.614 (15.6)	.472 (12.0)	.374 (9.5)	.992 (25.2)	.697 (17.7)
CG-LTF16	.882 (22.4)	.701 (17.8)	.567 (14.4)	.402 (10.2)	1.051 (26.7)	.705 (17.9)
CG-LTF21	1.106 (28.1)	.874 (22.2)	.713 (18.1)	.441 (11.2)	1.193 (30.3)	.900 (22.6)
CG-LTF29	1.469 (37.3)	1.220 (31.0)	.996 (25.3)	.524 (13.3)	1.378 (35.0)	.996 (25.3)
CG-NPT-038	.657 (16.7)	.425 (10.8)	.406 (10.3)	.575 (14.6)	.937 (23.8)	.661 (16.8)
CG-NPT-050	.835 (21.2)	.587 (14.9)	.551 (14.0)	.508 (12.9)	1.118 (28.4)	.736 (18.7)
CG-NPT-075	1.035 (26.3)	.728 (18.5)	.709 (18.0)	.571 (14.5)	1.150 (29.2)	.878 (22.3)
CG-NPT-100	1.268 (33.2)	1.024 (26.0)	.984 (25.0)	.587 (14.9)	1.378 (35.0)	1.012 (25.7)

## 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.

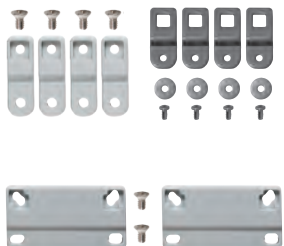





Part Number	Panel Dimensions		Cable Diameter Range	Part Dimensions	
	Thickness at locking Finger Steps	Mounting Hole Diameter		A Head Diameter	B Overall Height
HOLE PLUG-050	.080 (2.0)	.500 (12.7)	.080-.200 (2.0-5.1)	.92 (23.4)	.63 (15.9)
HOLE PLUG-063	.094 (2.4)	.625 (15.9)	.130-.375 (3.3-9.5)	1.03 (26.2)	.63 (15.9)
HOLE PLUG-075	.125 (3.2)	.750 (19.1)	.175-.400 (4.4-10.2)	1.15 (29.2)	.63 (15.9)
HOLE PLUG-088	.157 (4.0)	.875 (22.2)	.130-.450 (3.3-11.4)	1.28 (32.5)	.63 (15.9)
HOLE PLUG-100	.200 (5.1)	1.00 (25.4)	.200-.715 (5.1-18.2)	1.43 (36.6)	.63 (15.9)








# PREMIUM LINE ACCESSORIES

	Part Number	Description	Size	Ct. Qty.
<b>Mounting Options</b>				
	MFK-G	Mounting Feet Kit-Premium Line - Gray	N/A	1 EA
	MFK-B	Mounting Feet Kit-Premium Line - Black	N/A	1 EA
	MFKSS	Mounting Feet Kit-Stainless Steel	N/A	1 EA
	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
	MFLK12	Mounting Flange Kit 12"	N/A	1 EA
	MFLK14	Mounting Flange Kit 14"	N/A	1 EA
	MFLK16	Mounting Flange Kit 16"	N/A	1 EA
<b>Aluminum Subpanels Pre-Drilled For SOPK</b>				
	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
<b>Steel Panels for Component Installation - White Paint Coating (Four mounting screws included)</b>				
	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-1082	Steel Panel for 10"x8"x2" Enclosure	6.80"x8.75"	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
<b>PVC Panels for Component Installation - Grey (Four mounting screws included)</b>				
	PVCBP-66	PVC Panel for 6"x6" Enclosure	4.88"x4.88"	1 EA
	PVCBP-86	PVC Panel for 8"x6" Enclosure	6.75"x4.88"	1 EA
	PVCBP-88	PVC Panel for 8"x8" Enclosure	6.75"x6.75"	1 EA
	PVCBP-108	PVC Panel for 10"x8"X4" or 6" Enclosure	8.75"x6.88"	1 EA
	PVCBP-1082	PVC Panel for 10"x8"x2" Enclosure	8.75"x6.88"	1 EA
	PVCBP-1210	PVC Panel for 12"x10" Enclosure	10.75"x8.88"	1 EA
	PVCBP-1412	PVC Panel for 14"x12" Enclosure	12.75"x10.88"	1 EA
	PVCBP-1614	PVC Panel for 16"x14" Enclosure	14.75"x12.88"	1 EA
	PVCBP-1816	PVC Panel for 18"x16" Enclosure	16.75"x14.88"	1 EA









# PREMIUM LINE ACCESSORIES (CONT.)

Part Number		Description	Size	Ct. Qty.
Clear Replacement Covers - Includes Gasket, 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
	X108CSC-RPL	Clear Replacement Screw Cover w/ Gasket	10"x8"	1 EA
	X108CHC-RPL	Clear Replacement Hinge Cover w/ Gasket	10"x8"	1 EA
	X1210CSC-RPL	Clear Replacement Screw Cover w/ Gasket	12"x10"	1 EA
	X1210CHC-RPL	Clear Replacement Hinge Cover w/ Gasket	12"x10"	1 EA
	X1412CSC-RPL	Clear Replacement Screw Cover w/ Gasket	14"x12"	1 EA
	X1412CHC-RPL	Clear Replacement Hinge Cover w/ Gasket	14"x12"	1 EA
	X1614CSC-RPL	Clear Replacement Screw Cover w/ Gasket	16"x14"	1 EA
	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
Premium Line Replacement Covers - Includes Gasket, Screws, and Hole Plugs				
	H66CSO-RPL	Replacement Screw Cover w/ Gasket	6"x6"	1 EA
	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
	H108CSO-RPL	Replacement Screw Cover w/ Gasket	10"x8"	1 EA
	H108CHO-RPL	Replacement Hinge Cover w/ Gasket	10"x8"	1 EA
	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
	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
Swing Panel Kit Hardware Only				
	Kit includes the two hinge swing arms, four panel mount brackets and hardware needed to assemble the system into any Premium Integra Enclosure			
	USOPK-B	Universal Swing Panel Kit - Black	N/A	1 EA
	USOPK-G	Universal Swing Panel Kit - Gray	N/A	1 EA



## PREMIUM LINE ACCESSORIES (CONT.)

	Part Number	Description	Ct. Qty.
Aluminum 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-1816USP	Panel for 18x16 Swing Kit	1 EA
Complete Kits Including One Panel and All Hardware Needed to Install Swing Door			
	ABP-66-USOPK	Swing Panel Kit for 6x6	1 EA
	ABP-86-USOPK	Swing Panel Kit for 8x6	1 EA
	ABP-88-USOPK	Swing Panel Kit for 8x8	1 EA
	ABP-108-USOPK	Swing Panel Kit for 10x8	1 EA
	ABP-1210-USOPK	Swing Panel Kit for 12x10	1 EA
	ABP-1412-USOPK	Swing Panel Kit for 14x12	1 EA
	ABP-1614-USOPK	Swing Panel Kit for 16x14	1 EA
	ABP-1816-USOPK	Swing Panel Kit for 18x16	1 EA
Steel Subpanels Pre-Drilled for SOPK			
	SBP-66USP	Steel Panel for 6"x6" Swing Kit	1 EA
	SBP-86USP	Steel Panel for 8"x6" Swing Kit	1 EA
	SBP-88USP	Steel Panel for 8"x8" Swing Kit	1 EA
	SBP-108USP	Steel Panel for 10"x8" Swing Kit	1 EA
	SBP-1082USP	Steel Panel for 10"x8"x2" Swing Kit	1 EA
	SBP-1210USP	Steel Panel for 12"x10" Swing Kit	1 EA
	SBP-1412USP	Steel Panel for 14"x12" Swing Kit	1 EA
	SBP-1614USP	Steel Panel for 16"x14" Swing Kit	1 EA
	SBP-1816USP	Steel Panel for 18"x16" Swing Kit	1 EA
Complete Kits Including One Panel and All Hardware Needed to Install Swing Door			
	SBP-66-USOPK	Steel Swing Panel Kit for 6"x6"	1 EA
	SBP-86-USOPK	Steel Swing Panel Kit for 8"x6"	1 EA
	SBP-88-USOPK	Steel Swing Panel Kit for 8"x8"	1 EA
	SBP-108-USOPK	Steel Swing Panel Kit for 10"x8"	1 EA
	SBP-1210-USOPK	Steel Swing Panel Kit for 12"x10"	1 EA
	SBP-1412-USOPK	Steel Swing Panel Kit for 14"x12"	1 EA
	SBP-1614-USOPK	Steel Swing Panel Kit for 16"x14"	1 EA
	SBP-1816-USOPK	Steel Swing Panel Kit for 18"x16"	1 EA



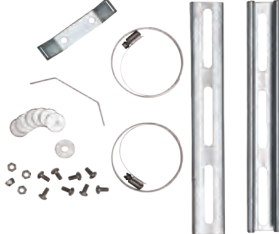


# PREMIUM LINE ACCESSORIES (CONT.)

	Part Number	Description	Ct. Qty.
Complete Kits Including One Panel and All Hardware Needed to Install Swing Door			
	PVC-66-USOPK	PVC Swing Panel Kit for 6"x6"	1 EA
	PVC-86-USOPK	PVC Swing Panel Kit for 8"x6"	1 EA
	PVC-88-USOPK	PVC Swing Panel Kit for 8"x8"	1 EA
	PVC-108-USOPK	PVC Swing Panel Kit for 10"x8"	1 EA
	PVC-1210-USOPK	PVC Swing Panel Kit for 12"x10"	1 EA
	PVC-1412-USOPK	PVC Swing Panel Kit for 14"x12"	1 EA
	PVC-1614-USOPK	PVC Swing Panel Kit for 16"x14"	1 EA
	PVC-1816-USOPK	PVC Swing Panel Kit for 18"x16"	1 EA
Miscellaneous Accessories			
	BPAKB	Back Panel Adjustment Kit - Black Set Screw	1 EA
	BPAKG	Back Panel Adjustment Kit - Gray Set Screw	1 EA
	UBPAK-B	Universal Back Panel Adjustment Kit - Black Thumb Screw	1 EA
	UBPAK-G	Universal Back Panel Adjustment Kit - Gray Thumb Screw	1 EA
	Cover Kit 4-4	Cover Kit - Includes 4 Plugs and 4 Screws	1 EA
	DIN6	DIN Rail Kit 6" (2 rails, 4 screws)	1 EA
	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
	DIN14	DIN Rail Kit 14" (2 rails, 4 screws)	1 EA
	DIN16	DIN Rail Kit 16" (2 rails, 4 screws)	1 EA
	DIN18	DIN Rail Kit 18" (2 rails, 4 screws)	1 EA
	Gasket-Kit	Gasket Repair Kit - Gasket and Silicone Tube (All Sizes)	1 EA
	KIT-FAN-120VAC-30	Fan Kit - 120 AVC	1 EA
	KIT-FAN-120VAC-84	Fan Kit - 120 VAC	1 EA
	KIT-FAN-12VDC-135	Fan Kit - 12 VDC	1 EA
	KIT-FAN-12VDC-49	Fan Kit - 12 VDC	1 EA
	KIT-FAN-24VDC-135	Fan Kit - 24 VDC	1 EA
	KIT-FAN-24VDC-49	Fan Kit - 24 VDC	1 EA
	KIT-FAN-48VDC-135	Fan Kit - 48 VDC	1 EA
	KIT-FAN-48VDC-50	Fan Kit - 48 VDC	1 EA
	Kit-NMLL-050	Non-Metallic Latch Kit. Used for H8064 & H8084	1 EA
	Kit-NMLL-063	Standard Non-Metallic Latch Kit. Used for H6064, H10082, H10084, H10086, H12104, H12106, H141206, P6063, P8063	1 EA
	Kit-NMLL-075	Non-Metallic Latch Kit. Used for H161407 & H181610	1 EA
	SP-10I	Screw Pack (for mounting to bosses, 10)	1 EA
	SSLL-KIT	Stainless Steel Locking Latch Kit	1 EA
	SSLL-075-KIT	Stainless Steel Locking Latch Kit for H161407 & H181610	1 EA
	Cat 60 Lock	Cat 60 Lock	1 EA
	Cat 90 Lock	Cat 90 Lock	1 EA
	Vent 2	Outdoor Labyrinth	1 EA
	Vent 3	3" Aluminum Louvered	1 EA







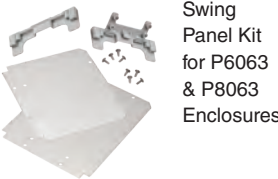
## PREMIUM LINE ACCESSORIES (CONT.)

	Part Number	Description	Ct. Qty.
<b>Pole Mounting Kits</b>			
	PMKG-234-6	For 6" Wide Enclosure - 2", 3", 4" Pole	1 EA
	PMKG-234-8	For 8" Wide Enclosure - 2", 3", 4" Pole	1 EA
	PMKG-234-10	For 10" Wide Enclosure - 2", 3", 4" Pole	1 EA
	PMKG-234-12	For 12" Wide Enclosure - 2", 3", 4" Pole	1 EA
	PMKG-234-14	For 14" Wide Enclosure - 2", 3", 4" Pole	1 EA
	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
	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-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
	PMKG-314	For 14" Wide Enclosure - 3" Pole	1 EA
	PMKG-316	For 16" 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-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





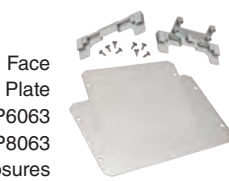





# IMPACT® SERIES ACCESSORIES

	Part Number	Description	Size	Ct. Qty.
<b>Miscellaneous Accessories</b>				
	DIN4-IMP	DIN Rail Kit 4" (2 rails, 4 tapping screws)		1 EA
	DIN5-IMP	DIN Rail Kit 5" (2 rails, 4 tapping screws)		1 EA
	DIN6-IMP	DIN Rail Kit 6" (2 rails, 4 tapping screws)		1 EA
	DIN8-IMP	DIN Rail Kit 8" (2 rails, 4 tapping screws)		1 EA
	KIT-FAN-120VAC-30	Fan Kit - 120 VAC		1 EA
	KIT-FAN-120VAC-84	Fan Kit - 120 VAC		1 EA
	KIT-FAN-12VDC-135	Fan Kit - 12 VDC		1 EA
	KIT-FAN-12VDC-49	Fan Kit - 12 VDC		1 EA
	KIT-FAN-24VDC-135	Fan Kit - 24 VDC		1 EA
	KIT-FAN-24VDC-49	Fan Kit - 24 VDC		1 EA
	KIT-FAN-48VDC-135	Fan Kit - 48 VDC		1 EA
	KIT-FAN-48VDC-50	Fan Kit - 48 VDC		1 EA
	KIT-NMLL-063	Non-Metallic Latch Kit. Used for P4043, P5053, 6044, P6063, P8063 & P10086		1 EA
	SP-8	Screw Pack (10 pcs) (For Impact® line except P9082(C) bosses)		1 EA
	SP-10I	Screw Pack (10 pcs) (For Impact® P9082(C) bosses)		1 EA
	SSLL-KIT	Stainless Steel Locking Latch Kit		1 EA
	Vent 2	Outdoor Labyrinth		1 EA
	Vent 3	3" Aluminum Louvered		1 EA
<b>Swing Panel and Face Plate Kits and Parts</b>				
	CB43-IMP*	Support Rails and Screws for P4043 (panel not included)	N/A	1 EA
	CB53-IMP*	Support Rails and Screws for P5053 (panel not included)	N/A	1 EA
	CB64-IMP*	Support Rails and Screws for P6044 (panel not included)	N/A	1 EA
	SOPK66-86-IMP	2 Rigid Brackets, 1 Pivot Bracket & 8 Self-Tapping Screws	N/A	1 EA
	ASWPK66-IMP	Complete Aluminum Swing Panel Kit, includes SOPK-IMP	5.90"x5.38"	1 EA
	ASWPK86-IMP	Complete Aluminum Swing Panel Kit, includes SOPK-IMP	5.93"x7.38"	1 EA
	ASWP66-IMP	Aluminum Swing Panel for Impact® 6"x6" Enclosure	5.90"x5.38"	1 EA
	ASWP86-IMP	Aluminum Swing Panel for Impact® 8"x6" Enclosure	5.93"x7.38"	1 EA
	AFPK44-IMP*	Complete Face Plate Kit, includes Aluminum Plate and Support Kit	4.29"x4.29"	1 EA
	AFPK55-IMP*	Complete Face Plate Kit, includes Aluminum Plate and Support Kit	4.29"x4.29"	1 EA
	AFPK64-IMP*	Complete Face Plate Kit, includes Aluminum Plate and Support Kit	3.92"x5.92"	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
	AFPK108-IMP	Complete Face Plate Kit, includes Aluminum Plate and SOPK-IMP	7.88"x9.88"	1 EA
	AFP44-IMP	Aluminum Face Plate for 4"x4" Enclosure	4.29"x4.29"	1 EA
	AFP55-IMP	Aluminum Face Plate for 5"x5" Enclosure	4.92"x4.92"	1 EA
	AFP64-IMP	Aluminum Face Plate for 6"x4" Enclosure	3.92"x5.92"	1 EA
	AFP66-IMP	Aluminum Face Plate for 6"x6" Enclosure	5.93"x5.93"	1 EA
	AFP86-IMP	Aluminum Face Plate for 8"x6" Enclosure	5.93"x7.93"	1 EA
	AFP108-IMP	Aluminum Face Plate for 10"x8" Enclosure	7.88"x9.88"	1 EA

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# IMPACT® SERIES ACCESSORIES (CONT.)

	Part Number	Description	Size	Ct. Qty.
<b>Swing Panel and Face Plate Kits and Parts</b>				
  	SFPK44-IMP*	Complete Steel White Face Plate Kit for Impact® 4"x4" Enclosure	4.29"x4.29"	1 EA
	SFPK55-IMP*	Complete Steel White Face Plate Kit for Impact® 5"x5" Enclosure	4.92"x4.92"	1 EA
	SFPK64-IMP*	Complete Steel White Face Plate Kit for Impact® 6"x4" Enclosure	3.92"x5.92"	1 EA
	SFPK66-IMP	Complete Steel White Face Plate Kit for Impact® 6"x6" Enclosure	5.93"x5.93"	1 EA
	SFPK86-IMP	Complete Steel White Face Plate Kit for Impact® 8"x6" Enclosure	5.93"x7.93"	1 EA
	SFPK108-IMP	Complete Steel White Face Plate Kit for Impact® 10"x8" Enclosure	7.93"x9.93"	1 EA
	SFP44-IMP	Steel Powder Coated White Face Plate for P4043	4.29"x4.29"	1 EA
	SFP55-IMP	Steel Powder Coated White Face Plate for P5053	4.92"x4.92"	1 EA
	SFP64-IMP	Steel Powder Coated White Face Plate for P6044	3.92"x5.92"	1 EA
	SFP66-IMP	Steel Powder Coated White Face Plate for P6063	5.93"x5.93"	1 EA
	SFP86-IMP	Steel Powder Coated White Face Plate for P8063	5.93"x7.93"	1 EA
	SFP108-IMP	Steel Powder Coated White Face Plate for P1008	7.93"x9.93"	1 EA
	SSWP66-IMP	Steel Powder Coated White Swing Panel for P6063	5.38"x5.90"	1 EA
	SSWP86-IMP	Steel Powder Coated White Swing Panel for P8063	5.90"x7.38"	1 EA
	PVC-66-USOPK	PVC Swing Panel Kit for 6"x6"	4.92"x4.92"	1 EA
	PVC-86-USOPK	PVC Swing Panel Kit for 8"x6"	6.75"x4.87"	1 EA
	PVC-88-USOPK	PVC Swing Panel Kit for 8"x8"	6.75"x6.87"	1 EA
	PVC-108-USOPK	PVC Swing Panel Kit for 10"x8"	8.75"x6.88"	1 EA
<b>Aluminum Back Panels (Four mounting screws included)</b>				
	ABP-44-IMP	Aluminum Back Panel for Impact® 4"x4" Enclosure	3.50"x3.50"	1 EA
	ABP-55-IMP	Aluminum Back Panel for Impact® 5"x5" Enclosure	4.06"x4.06"	1 EA
	ABP-64-IMP	Aluminum Back Panel for Impact® 6"x4" Enclosure	3.05"x5.05"	1 EA
	ABP-66-IMP	Aluminum Back Panel for Impact® 6"x6" Enclosure	4.88"x4.88"	1 EA
	ABP-86-IMP	Aluminum Back Panel for Impact® 8"x6" Enclosure	6.75"x4.88"	1 EA
	ABP-98-IMP	Aluminum Back Panel for Impact® 9"x8" Enclosure	6.75"x6.88"	1 EA
	ABP-108-IMP	Aluminum Back Panel for Impact® 10"x8" Enclosure	8.75"x6.88"	1 EA
<b>Steel Back Panels (Four mounting screws included)</b>				
	SBP-44-IMP	Steel Back Panel for Impact® 4"x4" Enclosure	3.50"x3.50"	1 EA
	SBP-55-IMP	Steel Back Panel for Impact® 5"x5" Enclosure	4.06"x4.06"	1 EA
	SBP-64-IMP	Steel Back Panel for Impact® 6"x4" Enclosure	3.05"x5.05"	1 EA
	SBP-66-IMP	Steel Back Panel for Impact® 6"x6" Enclosure	4.88"x4.88"	1 EA
	SBP-86-IMP	Steel Back Panel for Impact® 8"x6" Enclosure	6.75"x4.88"	1 EA
	SBP-98-IMP	Steel Back Panel for Impact® 9"x8" Enclosure	6.75"x6.88"	1 EA
	SBP-108-IMP	Steel Back Panel for Impact® 10"x8" Enclosure	8.75"x6.88"	1 EA
<b>PVC Back Panels (Four mounting screws included)</b>				
	PVCBP44-IMP	PVC Panel for Impact® 4"x4" Enclosure	3.50"x3.50"	1 EA
	PVCBP55-IMP	PVC Panel for Impact® 5"x5" Enclosure	4.06"x4.06"	1 EA
	PVCBP64-IMP	PVC Panel for Impact® 6"x4" Enclosure	3.05"x5.05"	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

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# IMPACT® SERIES ACCESSORIES (CONT.)

	Part Number	Description	Size	Ct. Qty.
Replacement Covers include Cover with gasket (Stainless locking latch not included)				
	P44CHO-RPL	Standard hinge, integrated latch, opaque	4"x4"	1 EA
	P44CHC-RPL	Standard hinge, integrated latch, clear	4"x4"	1 EA
	P44CHOLL-RPL	Standard hinge, hasp latch, opaque	4"x4"	1 EA
	P44CHCLL-RPL	Standard hinge, hasp latch, clear	4"x4"	1 EA
	P44CLPO-RPL	Low profile hinge, integrated latch, opaque	4"x4"	1 EA
	P44CLPC-RPL	Low profile hinge, integrated latch, clear	4"x4"	1 EA
	P44CLPOLL-RPL	Low profile hinge, hasp latch, opaque	4"x4"	1 EA
	P44CLPCLL-RPL	Low profile hinge, hasp latch, clear	4"x4"	1 EA
	P55CHO-RPL	Standard hinge, integrated latch, opaque	5"x5"	1 EA
	P55CHC-RPL	Standard hinge, integrated latch, clear	5"x5"	1 EA
	P55CHOLL-RPL	Standard hinge, hasp latch, opaque	5"x5"	1 EA
	P55CHCLL-RPL	Standard hinge, hasp latch, clear	5"x5"	1 EA
	P55CLPO-RPL	Low profile hinge, integrated latch, opaque	5"x5"	1 EA
	P55CLPC-RPL	Low profile hinge, integrated latch, clear	5"x5"	1 EA
	P55CLPOLL-RPL	Low profile hinge, hasp latch, opaque	5"x5"	1 EA
	P55CLPCLL-RPL	Low profile hinge, hasp latch, clear	5"x5"	1 EA
	P64CHO-RPL	Standard hinge, integrated latch, opaque	6"x4"	1 EA
	P64CHC-RPL	Standard hinge, integrated latch, clear	6"x4"	1 EA
	P64CHOLL-RPL	Standard hinge, hasp latch, opaque	6"x4"	1 EA
	P64CHCLL-RPL	Standard hinge, hasp latch, clear	6"x4"	1 EA
	P64CLPO-RPL	Low profile hinge, integrated latch, opaque	6"x4"	1 EA
	P64CLPC-RPL	Low profile hinge, integrated latch, clear	6"x4"	1 EA
	P64CLPOLL-RPL	Low profile hinge, hasp latch, opaque	6"x4"	1 EA
	P64CLPCLL-RPL	Low profile hinge, hasp latch, clear	6"x4"	1 EA
	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
	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
	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



# IMPACT® SERIES ACCESSORIES (CONT.)

	Part Number	Description	Size	Ct. Qty.
Replacement Covers include Cover with gasket (Stainless locking latch not included)				
	P86CLPOLL-RPL	Low profile hinge, hasp latch, opaque	8"x6"	1 EA
	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
	P108CHCLL-RPL	Low profile hinge, integrated latch, clear	10"x8"	1 EA
	P108CLPO-RPL	Low profile hinge, integrated latch, opaque	10"x8"	1 EA
	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				
	PMKG-25-IMP	For 5" Enclosure - 2" pole		1 EA
	PMKG-26-IMP	For 6" Enclosure - 2" pole		1 EA
	PMKG-28-IMP	For 8" Enclosure - 2" pole		1 EA
	PMKG-35-IMP	For 5" Enclosure - 3" pole		1 EA
	PMKG-36-IMP	For 6" Enclosure - 3" pole		1 EA
	PMKG-38-IMP	For 8" Enclosure - 3" pole		1 EA
	PMKG-45-IMP	For 5" Enclosure - 4" pole		1 EA
	PMKG-46-IMP	For 6" Enclosure - 4" pole		1 EA
	PMKG-48-IMP	For 8" Enclosure - 4" pole		1 EA
	PMKG-125-IMP	For 5" Enclosure - 10 to 12" pole		1 EA
	PMKG-126-IMP	For 6" Enclosure - 10 to 12" pole		1 EA
	PMKG-128-IMP	For 8" Enclosure - 10 to 12" pole		1 EA
	CAMKG-610-IMP	6" Cross Arm Pole Mount Kit for P9082		1 EA
	UNIVERSAL POLE MOUNT KITS FOR IMPACT® LINE			
	PMKG-2346-IMP	For 2"-6" pole, All Impact® Enclosures		1 EA
	PMKG-12-IMP	For 12" pole, All Impact® Enclosures		1 EA

## Features and Benefits


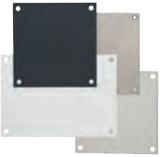


These kits contain all galvanized steel components and zinc-plated steel fasteners, designed to securely fasten your Integra enclosure to a metal pole







# GENESIS SERIES ACCESSORIES

	Part Number	Description	Size	Ct. Qty.
<b>Back Panels</b>				
	ABP-2016	Aluminum back panel/swing panel for Genesis 20"x16"x08"	14.88"x18.88"	1 EA
	ABP-2016-XL	Aluminum back panel/swing panel for Genesis 20"x16"x08"	15.40"x19.40"	1 EA
	ABP-2016-XXL	Aluminum back panel/swing panel for Genesis 20"x16"x08"	17.09"x21.09"	1 EA
	ABP-2424	Aluminum back panel/swing panel for Genesis 24"x24"x10"	21" x 21"	1 EA
	ABP-2424-XL	Aluminum back panel/swing panel for Genesis 24"x24"x10"	22.13"x22.13"	1 EA
	ABP-2424-XXL	Aluminum back panel/swing panel for Genesis 24"x24"x10"	23.25"x23.25"	1 EA
	SBP-2016	Steel back panel/swing panel for Genesis 20"x16"x08"	14.88"x18.88"	1 EA
	SBP-2016-XL	Steel back panel/swing panel for Genesis 20"x16"x08"	15.40"x19.40"	1 EA
	SBP-2016-XXL	Steel back panel/swing panel for Genesis 20"x16"x08"	17.09"x21.09"	1 EA
	SBP-2424	Steel back panel/swing panel for Genesis 24"x24"x10"	21" x 21"	1 EA
	SBP-2424-XL	Steel back panel/swing panel for Genesis 24"x24"x10"	22.13"x22.13"	1 EA
	SBP-2424-XXL	Steel back panel/swing panel for Genesis 24"x24"x10"	23.25"x23.25"	1 EA
	PVCBP-2016	PVC back panel/swing panel for Genesis 20"x16"x08"	14.88"x16.88"	1 EA
	PVCBP-2424	PVC back panel/swing panel for Genesis 24"x24"x10"	21" x 21"	1 EA
<b>Side Panels</b>				
	ASP-2016	Aluminum side panel for Genesis 20"x16"x08"	6.25"x15.00"	1 EA
	ASP-2424	Aluminum side panel for Genesis 24"x24"x10"	7.88"x21.75"	1 EA
	SSP-2016	Steel side panel for Genesis 20"x16"x08"	6.25"x15.00"	1 EA
	SSP-2424	Steel side panel for Genesis 24"x24"x10"	7.88"x21.75"	1 EA
<b>Swing Panel Accessories</b>				
	ABP-2016-GSOPK	Aluminum 20" back/swing panel and 20" hinge for swing panel	14.88"x18.88"	1 EA
	ABP-2424-GSOPK	Aluminum 24" back/swing panel and 24" hinge for swing panel	21"x21"	1 EA
	SBP-2016-GSOPK	Steel 20" back/swing panel and 20" hinge for swing panel	1.88"x18.88"	1 EA
	SBP-2424-GSOPK	Steel 24" back/swing panel and 24" hinge for swing panel	21"x21"	1 EA
	GSOPK20	20" Aluminum Hinge for Swing Panel	N/A	1 EA
	GSOPK24	24" Aluminum Hinge for Swing Panel	N/A	1 EA
<b>Pole Mounting Kit</b>				
	PMKG-224	For 24" Wide Enclosure - 2" Pole		1 EA
	PMKG-324	For 24" Wide Enclosure - 3" Pole		1 EA
	PMKG-424	For 24" Wide Enclosure - 4" Pole		1 EA
	PMKG-1224	For 24" Wide Enclosure - 10 to 12" Pole		1 EA
	PMKG-216-GEN	For 16" Wide Enclosure - 2" Pole		1 EA
	PMKG-316-GEN	For 16" Wide Enclosure - 3" Pole		1 EA
	PMKG-416-GEN	For 16" Wide Enclosure - 4" Pole		1 EA
	PMKG-1216-GEN	For 16" Wide Enclosure - 10 to 12" Pole		1 EA



# GENESIS SERIES ACCESSORIES (CONT.)

	Part Number	Description	Size	Ct. Qty.
Replacement Covers - Includes Cover and Gasket				
	G2016CHO-RPL	Opaque 20"x16"x08" Replacement Lid	20"x16"	1 EA
	G2016CHC-RPL	Clear 20"x16"x08" Replacement Lid	20"x16"	1 EA
	G2424CHO-RPL	Opaque 24"x24"x10" Replacement Lid	24"x24"	1 EA
	G2424CHC-RPL	Clear 24"x24"x10" Replacement Lid	24"x24"	1 EA
Parts & Accessories				
	DIN16-GEN	DIN Rail Kit 16" (2 rails, 4 screws)		1 EA
	DIN24	DIN Rail Kit 24" (2 rails, 4 screws)		1 EA
	FS-KIT-1	Fan Shroud Kit- 1 Pack (includes gasket and screws)		1 EA
	FS-KIT-2	Fan Shroud Kit- 2 Pack (includes gasket and screws)		1 EA
	FSFK1-G	Fan Shroud Vent Filter Kit Gray- One pc (includes Gasket and Screws)		1 EA
	FSFK2-G	Fan Shroud Vent Filter Kit Gray- Two pcs (Includes Gasket and Screws)		1 EA
	GMFLK-Screws	Mounting Flange Screws - Set of 10 screws		1 EA
	GMFLK24-Set	24"x24"x10" Mounting Flange Set (set of 2 plus hardware)		1 EA
	GMMR-Screws	Multi Max Rail® screws - set of 12 screws		1 EA
	GSP10	Self-Tapping Screws for Bosses - 10 Pack		1 EA
	GSR2016	20"x16"x08" Multi-Max Frame Stiffener Ring		1 EA
	GSR2424	24"x24"x10" Multi-Max Frame Stiffener Ring		1 EA
	KIT-DOOR-STOP	Door Stop Kit for Genesis Enclosures		1 EA
	KIT-GMMR8	Multi-Max Rails® with screws - 8" depth (set of 4 with screws)		1 EA
	KIT-GMMR10	Multi-Max Rails® with screws - 10" depth (set of 4 with screws)		1 EA
	KIT-GPCL-2PK	Non-Metallic Latches (package containing 2 latches) for 20"x16"x08"		1 EA
	KIT-GPCL-4PK	Non-Metallic Latches (package containing 4 latches) for 24"x24"x10"		1 EA
	KIT-GPP-2016	Panel Pad Kit - (four panel brackets) for Genesis 20"x16"x08"		1 EA
	KIT-GPP-2424	Panel Pad Kit - (four panel brackets) for Genesis 24"x24"x10"		1 EA
	KIT-FAN-120VAC-30	Fan Kit - 120 VAC		1 EA
	KIT-FAN-120VAC-84	Fan Kit - 120 VAC		1 EA
	KIT-FAN-12VDC-135	Fan Kit - 12 VDC		1 EA
	KIT-FAN-12VDC-49	Fan Kit - 12 VDC		1 EA
	KIT-FAN-24VDC-135	Fan Kit - 24 VDC		1 EA
	KIT-FAN-24VDC-49	Fan Kit - 24 VDC		1 EA
	KIT-FAN-48VDC-135	Fan Kit - 48 VDC		1 EA
	KIT-FAN-48VDC-50	Fan Kit - 48 VDC		1 EA
	9220236-LT	Large Integra Literature Tray - Black		1 EA
	9220236-BLANK-LT	Large Literature Tray - Black		1 EA
	9920237-LT	Small Integra Literature Tray - Black		1 EA
	9920237-BLANK-LT	Small Literature Tray - Black		1 EA



# THERMOPLASTIC FREQUENTLY ASKED QUESTIONS (FAQ'S)

**1) 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.

**2) 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 also available.

**3) 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. Please refer to page 6 for color details. Contact us directly for a quote.

**4) 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.

**5) 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 water tightness 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.

**6) Q: 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](mailto:sales@integraenclosures.com).

**7) Q: Are back panels available from Integra?**

A: Yes, we offer back panels in coated steel, bare aluminum and PVC.

**8) 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.

**9) 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 pages, 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).



## THERMOPLASTIC FAQ'S (CONT.)

**10) 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.

**11) Q: What are the advantages of the Integra product over the 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 in-lbs, while fiberglass typically has an impact resistance of less than 220 in-lbs.
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.

**12) 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.

**13) 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. All Impact® Line enclosures with integrated latches are 6P rated as well.

**14) 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.

**15) 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.

**16) Q: How do I clean an Integra enclosure?**

A: Only light soapy water is recommended to clean your polycarbonate enclosure.





## STAINLESS STEEL FAQ'S

**1) Q: What is included with a standard Integra stainless steel enclosure?**

A: Unless specified otherwise, each enclosure is shipped assembled with the base, cover and polyurethane foam-in-place gasket installed and manufactured with 304 Stainless Steel. The enclosure also comes with a quarter-turn latch, rivet nuts, removable 316 Stainless Steel hinge (Pinge™), B.P. standoffs and a grounding lug.

**2) Q: Are the enclosures watertight (NEMA 4X)?**

A: Yes. All Integra stainless steel enclosures are NEMA 4X rated. Aluminum enclosures require powder coating to be NEMA 4X rated.

**3) Q: What colors are available?**

A: Stainless steel enclosures are finished with #4 grade finish. Aluminum enclosures have a mill finish unless powder coated. Custom powder coated color is available. Contact us directly for a quote.

**4) Q: Are the enclosures UL-listed? How about Canada?**

A: Integra's metallic NEMA 4X enclosures are constructed in accordance with the UL50E Standard for Industrial Control Panels and CSA C22.2 Industrial Control Equipment and are both UL and C-UL listed for use in the US and Canada.

**5) Q: Are modifications available?**

A: Full modification services are available at Integra to ensure your enclosure has the required dimensions, accessories and holes you need. Modifications are made during assembly, and include but are not limited to: custom sizing, custom machining, custom back panels, multiple mounting options, latching options and hinging options. Call us to discuss your unique requirements.

**6) Q: Are back panels available from Integra?**

A: Yes, we offer back panels in stainless steel, painted carbon steel, aluminum, and galvanized. We also offer custom back panels. Contact us directly for a quote.

**7) Q: Why does my enclosure have rust spots on it?**

A: Discoloration on outdoor enclosures is typically caused by environmental exposure factors such as soil, saltwater, and fertilizer that contain iron particles that can collect on the enclosure surfaces and cause discoloration. This is not the stainless steel rusting; these compounds can collect along welded seams because the welding/polishing process and can create a slight magnetic pull. We recommend a thorough cleaning immediately after installation to ensure the stainless steel is clean and free of oils and other contaminants. Chemical exposure is a different category and should be evaluated on a case to case basis.

**8) Q: What type of materials are available to manufacture my enclosure?**

A: Integra offers multiple material options for your enclosure, including 304 stainless steel, 316 stainless steel, and 5052-H32 aluminum. Please contact factory if you have other requirements.

**9) Q: Can you label, print, laser etch, or silk screen my stainless steel enclosure?**

A: Yes. Please contact the factory directly for a quote.



## STAINLESS STEEL FAQ'S (CONT.)

**10) Q: What does it mean if my enclosure is made with 14 gauge or 16 gauge material?**

A: Gauge refers to the thickness of the stainless steel material being used. Depending on the size of your enclosure, the gauge varies.

Stainless Steel Gauge Number	Inches	Millimeter
14	.07812	1.984
16	.0625	1.587

**11) Q: What is the largest enclosure you can manufacture?**

A: Integra manufactures custom enclosures up to 72" tall. However, we have the capabilities to manufacture a wide variety of sizes. Please contact the factory directly for size inquiries.

**12) Q: What is the best way to send you a drawing of my enclosure design?**

A: We accept drawings in the format of a PDF, DWG, STP, or AutoCAD drawing. If these options aren't available, email [customerservice@integraenclosures.com](mailto:customerservice@integraenclosures.com) a photo or copy of your hand drawn drawing and we will configure it. Our engineering team will work with you on the drawing until it is approved.

**13) Q: Are there any restrictions on the amount or size of my custom hole pattern?**

A: There are no restrictions to the amount or size of the machined hole patterns, as long as the cutouts remains within the hole-to-edge limitations. Below is a table of the minimum hole-to-edge distance for custom machined cutouts. This prevents deformation of the cutout during forming.

Material Thickness	Min. Hole-To-Edge Distance
0.060 in.	0.180 in.
0.075 in.	0.225 in.
0.090 in.	0.270 in.
0.105 in.	0.315 in.

**14) Q: What is your lead time for a custom enclosure?**

A: All lead times start from when our customer service team receives the purchase order. Please contact factory for current lead times.

**15) Q: How is my enclosure packaged and shipped?**

A: Standard packaging is one unit per carton, packed to ensure safe delivery to your location. If you have any special requirements for shipping, contact us and we can work to meet your requirements. Integra Enclosures is not responsible for lost or damaged product during shipment.

**16) Q: Are PEMs NEMA 4X rated?**

A: PEMs by themselves are not 4X rated. However, a 4X rating can be achieved using powder coated PEMs. Other 4X rated options include CD studs and rivet nuts. Please contact the factory directly with any additional questions and refer to page 88 for NEMA rating details.



# 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	ABS	Polyester Glass	Stainless 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	M	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	M	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	M
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	M	M	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	ABS	Polyester Glass	Stainless Steel	Steel
Fuel Oil (#2)	S	S	U	S	S
Gasoline	-	U	S	S	S
Glycerin	-	L	S	S	S
Hydraulic Brake Fluid	U	U	-	S	S
Hydraulic Oil	M	U	S	S	S
Hydrochloric Acid (10%)	S	S	L	U	U
Hydrofluoric Acid (20%)	M	L	S	U	U
Hydrogen Peroxide	-	L	S	M	M
Hydrogen Sulfide	S	M	-	L	U
Isopropyl Alcohol	S	M	-	S	S
Kerosene	M	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	S
Mineral Spirits	M	U	S	S	S
Motor Oil (10 weight)	S	L	-	S	S
Nitric Acid (10%)	L	M	M	L	L
Perchlorethylene	U	U	-	S	S
Phosphoric Acid (25%)	S	M	U	-	-
Phosphoric Acid (50%)	S	M	U	U	U
Potassium Carbonate (10%)	S	S	L	M	L
Potassium Chloride (25%)	S	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	-	M	-	M	-
Turpentine	S	U	S	S	S
Vegetable Oils	-	S	S	S	S
Xylene	U	U	S	M	M
Zinc Chloride	M	S		M	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 customer's 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.

