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 us…

- Our aesthetics will provide a quality look for your products, making them stand out from the competition.
- At Integra, we manufacture polycarbonate and stainless steel enclosures designed for use in harsh environments. Our products are built to last.
- Integra offers a full range of modification services, delivering enclosures that are ready to install.
- Available factory-direct, Integra enclosures are shipped on your schedule.

ECO FRIENDLY

MADE IN THE USA

Manufactured, Assembled and Stocked in the USA.

Integra Enclosures manufactures engineered polycarbonate 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.

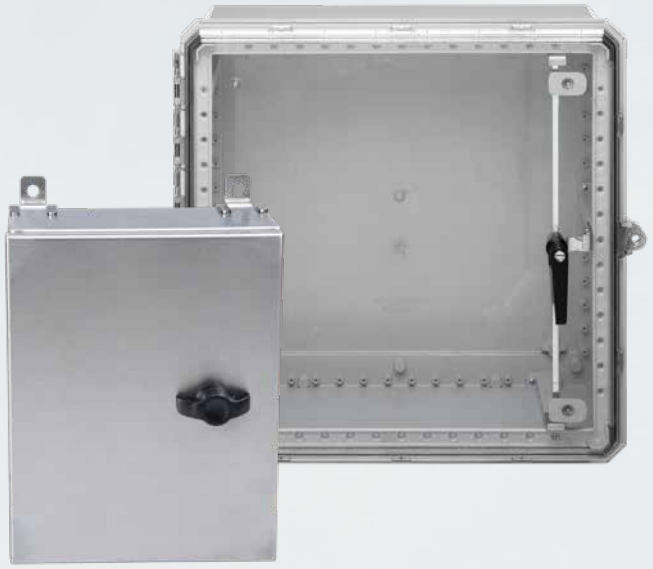
Integra's enclosures are not like anyone else's. Our superior design and high quality materials provide enclosures that look great, seal tight and stand up to tough environments.

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

Call us at 440.269.4966 or visit www.IntegraEnclosures.com to learn more.

TABLE OF CONTENTS

About Polycarbonate & Stainless Steel..... 3-4
Customizations..... 5-6
Polycarbonate & Fiberglass Comparison..... 7
Product Line Overview..... 8
Premium Series Overview..... 9-10
6x6x2 Premium..... 11-12
6x6x4 Premium..... 13-14
8x6x4 Premium..... 15-16
8x8x4 Premium..... 17-18
10x8x2 Premium.....19-20
10x8x4 Premium 21-22
10x8x6 Premium.....23-24
12x10x4 Premium 25-26
12x10x6 Premium..... 27-28
14x12x6 Premium..... 29-30
16x14x7 Premium..... 31-32
16x18x10 Premium.....33-34
18x16x8 Premium..... 35-36
18x16x10 Premium..... 37-38
Impact® Series Overview..... 39-40
4x4x3 Impact®..... 41-42
5x5x3 Impact®..... 43-44
6x4x4 Impact®..... 45-46
6x6x3 Impact®..... 47-48
8x6x3 Impact®..... 49-50
9x8x2 Impact®..... 51-52
10x8x4 Impact®..... 53-54
10x8x6 Impact®..... 55-56



Genesis Series Overview 57-58
20x16x8 Genesis..... 59-60
24x24x10 Genesis..... 61-62
Strongbox Series Overview..... 63-64
Strongbox Standard Enclosures..... 65-66
Strongbox Wall Mount Enclosures..... 67-68
Strongbox Slope Top Enclosures..... 69-70
Impact® Face Plate System..... 71
Swing Out Panels.....72
Genesis Back Panels.....73-74
Windows & Gland Plates..... 75
Cord Grips & Hole Plugs..... 76
Vents & Fan Shroud Kits..... 77-78
Accessories - Premium Series..... 79-83
Accessories - Impact® Series..... 84-87
Accessories - Genesis Series..... 88-89
Accessories - Strongbox Series..... 90
Frequently Asked Questions (FAQs).....91-95
Chemical Resistance Chart..... 95-96
UL/NEMA Type Ratings..... 97
Terms & Conditions of Sale..... 98

POLYCARBONATE, THE BETTER TECHNOLOGY

Integra Enclosures pioneered the use of polycarbonate in electrical enclosures and we continue to raise the bar on the market today. Polycarbonate is widely superior compared to other enclosure materials because of its high tensile strength and prolonged durability. It is strong like steel yet cuts like butter, making it easier for users to install and modify enclosures in the field. Because of it's material make-up, polycarbonate maintains its durability and will not break down or fade in sunlight.

THE UNSURPASSED ADVANTAGES OF POLYCARBONATE ENCLOSURES

UV Protection

Integra polycarbonate enclosures carry an F1 rating for excellent UV protection. Unlike fiberglass enclosures, which break down when exposed to sunlight and moisture, polycarbonate remains strong even in harsh environments.

Impact Resistance

Polycarbonate enclosures have a dramatically higher tensile strength compared to other materials. Integra's polycarbonate lines have an impact resistance of over 900 in-lbs.

Ease of Modification

Polycarbonate enclosures are safe and easy to machine, with no harmful dust or splintering to worry about! Integra offers custom, in-house machining on all our polycarbonate enclosures.

POLYCARBONATE APPLICATIONS

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

- **Remote Monitoring -** Polycarbonate allows for radio waves to pass more freely without sacrificing protection.
- **Alternative Energy -** From solar to wind, keep systems safe from the sun, wind and water.
- **Water Treatment** - Water/wastewater treatment and sprinkler systems are well-protected in our 4X and 6P rated enclosures.
- **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.

STAINLESS STEEL, A NEW EVOLUTION

Integra is changing the way you buy stainless steel enclosures with our Strongbox line. Built from quality 304 stainless steel, Strongbox enclosures offer a durable, attractive option for multiple indoor and outdoor applications. Our stainless steel enclosures are NEMA 4X rated and designed to protect against corrosion, chemicals, and ingress water. Choose one of our off-the-shelf products or design a custom enclosure to fit your exact specifications.

THE UNMATCHED ADVANTAGES OF STAINLESS STEEL ENCLOSURES

Chameleon Effect

The natural reflectivity and smooth brushed finish of our stainless steel provides an unobtrusive quality that allows it to blend in to the environment.

Corrosion Resistant

Our weather resistant stainless steel enclosures are impervious to corrosion and rust deterioration. No painting or continuous maintenance required!

Heat Dissipation

Stainless steel has the highest reflective value to help minimize the enclosure's internal temperature and protect electronics from harmful effects of heat.

STAINLESS STEEL APPLICATIONS

Stainless steel enclosures offer great water-tight protection for multiple indoor and outdoor applications:

- **Food Industry -** Stand up to the extreme environments for food and beverage preparation.
- **Pharmaceutical -** We meet the necessary UL and NEMA 4X requirements in compliance with federal regulations for pharmaceutical manufacturing.
- **Outdoor -** The unmatched reflectivity and corrosion resistance of stainless steel makes it a great option for outdoor applications.
- **OEM / Manufacturing -** Our Strongbox line offers complete customization of dimensions, machining and configuration to meet your needs.

CUSTOMIZATIONS

OUR PRODUCT, THE WAY YOU LIKE IT

MACHINING & MODIFICATIONS

POLYCARBONATE

- Drilled Hole Patterns
- CNC Machine Cutouts
- Mounting & Latching Options
- Various Accessories Available

STAINLESS STEEL

- Laser Cut Machining
- Mounting Options
- Latching Options
- Hinge Options
- Custom Back and Swing Panels
- Various Accessories Available

COLOR & POWDER COAT

MOLDED COLOR
POLYCARBONATE

- Match your company's color and logo
- Blend into the environment
- UL Rated*
- 100-piece minimum

*Contact factory for details

POWDER COATED
STAINLESS STEEL

- Range of RAL colors to choose from
- Additional layer of protection
- Blend into the environment
- UV resistant

CUSTOMIZATIONS

AVAILABLE ON ANY SIZE ENCLOSURE

PRINTING & ENGRAVING

- Full-color, High-Quality UV Cured Ink available in 16.7 Million Colors
- Weatherproof, UV, Chemical, and Scratch Resistant options for any application

POLYCARBONATE

- **Laser** etches into plastic creating the most durable image. Various shades can be accomplished but no color is applied.
- **UV Printing** uses a "liquid plastic" that acts like ink to create a raised image from an array of unlimited colors. This highly durable print is UV cured and resistant.
- **Overlays** are the easiest to manipulate and the most cost-effective color option. They can be opaque or transparent and applied to the inside or outside of the cover.
- **Silk-Screening** prints a high-quality image by layering colors on top of each other. This longer process is worth the price as it is considered our best-looking print.

STAINLESS STEEL

- **Engraving** uses a laser to inscribe into the metal. Images can be solid, outlined, or have an alternate fill in gray scale shades.
- **Silk-Screening** creates sharp, full color images with optional UV protective coating for outdoor use.

For a custom printing quote, please send the following to customerservice@integraenclosures.com

- High quality .AI art file of the exact graphic to be printed
- Drawing or sketch showing location and size of art

POLYCARBONATE & FIBERGLASS, WHICH IS BETTER?

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

STANDARD PRODUCT LINES

PREMIUM LINE

SIZES: 6x6x2 through 18x16x10

LATCHES: stainless steel (LL) or non-metallic (NL) locking latch

HINGES: hinge or screw cover

COVER: opaque and clear

UL/C-UL-50 listed
UL/cUL NEMA Type 1, 2, 3, 3R, 3S, 4, 4X, 5, 12, 13
"S" and "H-6P" series are NEMA 6/6P marine rated

- Unique T-Rail mounting system to completely adjust panels and face plates
- Includes enclosure foot mount or flange mount system
- Brass inserts for securing mounting feet or flange, screw cover and optional back panel

PREMIUM LINE

IMPACT® LINE

SIZES: 4x4x3 through 10x8x6

LATCHES: integrated, stainless steel or non-metallic

HINGES: standard or low profile

COVER: opaque and clear

UL/C-UL-50 listed
UL/cUL NEMA Type 1, 2, 3, 3R, 3S, 4, 4X, 5, 6/6P, 12, 13 rated (locking latch not 6/6P rated)

- Integrated mounting flanges
- Advanced interior mounting system for circuit boards, face plates, swing panels, etc.
- Multiple molded-in bosses to secure optional back panel

IMPACT® LINE

GENESIS LINE

SIZES: 20x16x8 and 24x24x10

LATCHES: three-point, quarter turn or non-metallic

HINGES: continuous piano hinge

COVER: opaque and clear

UL/C-UL-50 listed
UL/cUL NEMA Type 1, 2, 3, 3R, 3S, 4, 4X, 5, 6/6P, 12, 13 rated

- The MULTI-MAX Rail System creates three-dimensional mounting space
- MULTI-MAX frame ring provides un-matched strength and rigidity
- Optional swing panel includes full piano hinge to additional strength.

GENESIS LINE

STRONGBOX LINE

SIZES: standard and custom sizes

LATCHES: three-point, quarter turn or stainless steel locking latch

HINGES: removable Pinge™, continuous Piano hinge, or Lift-Off hinge

UL 508A listed
UL/cUL NEMA Type 1, 2, 3, 3R, 3S, 4, 4X rated

- Standard stainless steel enclosures feature a 1/4 turn latch, bolted tabs and Removable Pin Hinge
- Panel stand-offs for mounting optional subpanels
- Polyurethane foam-in-place gasket creates water-tight seal with collar flange around door opening

STRONGBOX LINE

PREMIUM SERIES OVERVIEW

- **NEMA 4X and 6P Protection**
  All Integra enclosures carry a minimum NEMA 4X protection rating against water, dust and dirt. For even greater water-tight protection, our Premium screw cover enclosures carry a NEMA 6P/IP68 rating which allows for temporary submersion up to 6 feet for 24 hours.
- **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.
- **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.
- **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.

CUSTOM MACHINING AVAILABLE
BRASS INSERTS FOR SCREW CLOSURE
MADE IN THE U.S.A.
INTEGRA
TAGGABLE/ LOCKABLE LATCHES
MOLDED MOUNTING BOSSES
T-RAIL PANEL SUSPENSION SYSTEM
FULL COLOR PRINTING AVAILABLE

6X6X2 PREMIUM LINE

Features & Benefits

- **Quality material** – bases, opaque covers and clear covers are all made of high-impact, UV resistant polycarbonate.
- **Flexible interior mounting** – features the unique and patented Integra adjustable depth "T-Rail" back panel mounting system (back panel and adjustable brackets sold separately).
- **Wide range** of sizes, configurations and accessories provides capabilities for every application.
- **Brass inserts** – in corner bosses for easy component installation.
- **Standard color** – light gray with a gloss finish.
- **UL-50 / c-UL Listed** (files # E229365, # E207562)

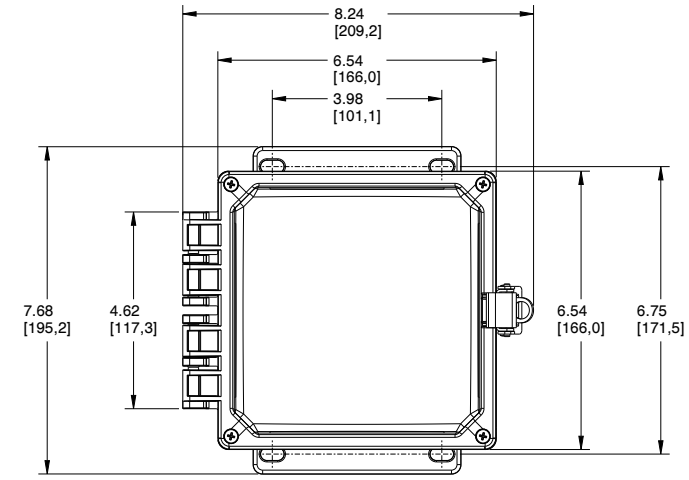
Mounting Feet

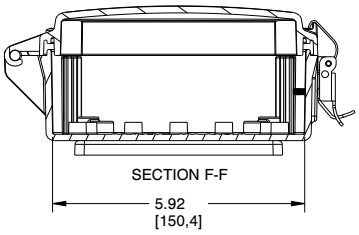
Mounting Flanges

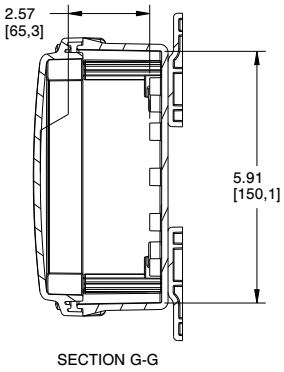
Mechanical & Thermal	Test Spec.	Unit	Rating
Instrumented Dart Impact @ 73° F	-	in-lbs	565
Falling Ball Impact @ 73° F	UL-746	in-lbs	900
Deflection Temperature @ 264 psi	ASTM D648	Deg. F	270
Modulus of Elasticity	ASTM D790	ksi	340
Temperature Range	-	Deg. F	-40 to 265
Flame Rating - UL	UL 94	-	5VA
Outdoor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

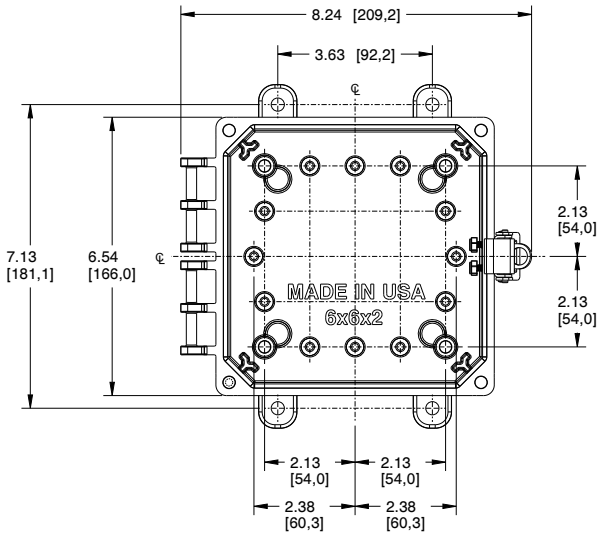
	Part Number	4X IP66	6P IP68	Hinged Cover	Screw Cover	Opaque Cover	Clear Cover	Mounting Feet	Mounting Flange	Stainless Steel Locking Latch	Non-Metallic Locking Latch
	H6062S	✓	✓		✓	✓		✓			
	H6062SC	✓	✓		✓		✓	✓			
	H6062SF	✓	✓		✓	✓			✓		
	H6062SCF	✓	✓		✓		✓		✓		
	H6062H	✓		✓	✓	✓		✓			
	H6062HC	✓		✓	✓		✓	✓			
	H6062HF	✓		✓	✓	✓			✓		
	H6062HCF	✓		✓	✓		✓		✓		
★	H6062HLL	✓		✓		✓		✓		✓	
★	H6062HCLL	✓		✓			✓	✓		✓	
	H6062HFLL	✓		✓		✓			✓	✓	
	H6062HCFLL	✓		✓			✓		✓	✓	
	H6062HNL	✓		✓		✓		✓			✓
	H6062HCNL	✓		✓			✓	✓			✓
	H6062HFNL	✓		✓		✓			✓		✓
	H6062HCFNL	✓		✓			✓		✓		✓
	H6062H-6P	✓	✓	✓	✓	✓		✓			
	H6062HC-6P	✓	✓	✓	✓		✓	✓			
	H6062HF-6P	✓	✓	✓	✓	✓			✓		
	H6062HCF-6P	✓	✓	✓	✓		✓		✓		

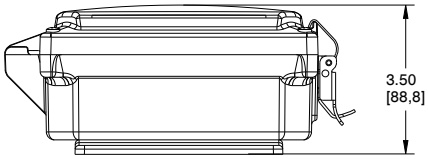
★ **POPULAR CONFIGURATIONS:** Most popular configurations are available for *QuickShip*.
Please send requests to customerservice@integraenclosures.com to take advantage of our *QuickShip* option.











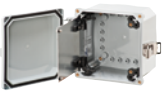
TORQUE SPECIFICATIONS:
Mounting Feet - 1/4"-20 x 0.5" SS countersunk Phillips drive screws (torque limit = 32 in lbs)
Covers/Doors - #10-32 x 0.75" SS pan Phillips drive screws (torque limit = 10 in lbs)
Panels - #10-32 x 0.375" pan Phillips drive screws (torque limit = 10-15 in lbs)

[Bracketed dimensions in mm]

Register online to download detailed drawing files at www.integraenclosures.com

Accessories for 6x6x2 (For complete accessories, see pages 79-83)

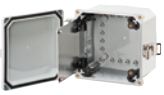
Back Panels
ABP66 - Aluminum panel
SBP66 - Steel panel
PVCBP66 - PVC panel



Aluminum Swing Out Panels
ABP-66-USOPK - Complete kit
ABP-66USP - Panel 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

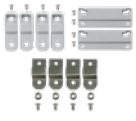


Steel Swing Out Panels
SBP-66-USOPK - Complete kit
SBP-66USP - Panel only
USOPK - Hardware only

Cord Grips
IP68/NEMA 4X/6P rated
See page 74 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

6X6X4 PREMIUM SERIES

Mounting Feet

Mounting Flanges

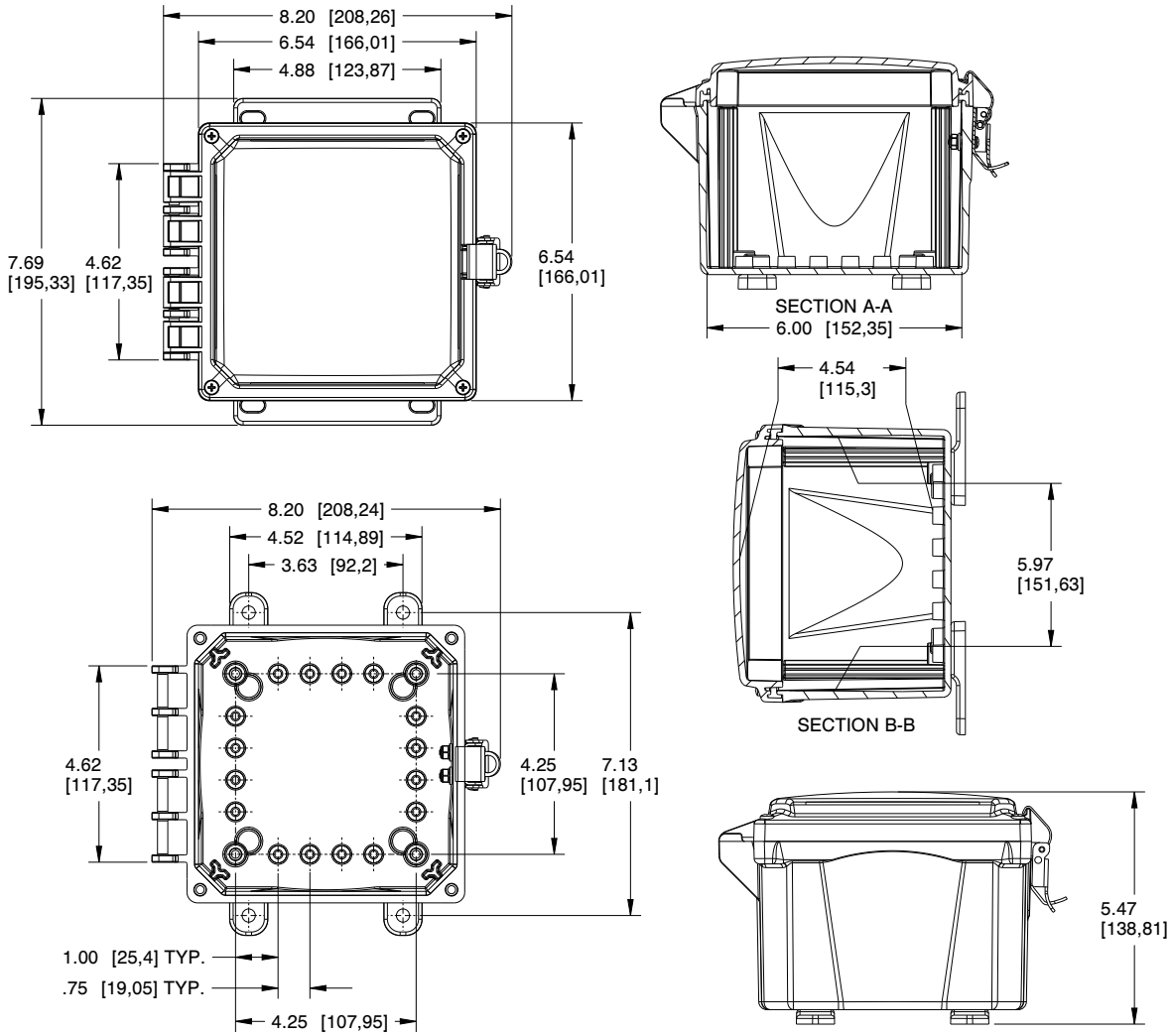
Features & Benefits

- **Quality material** – bases, opaque covers and clear covers are all made of high-impact, UV resistant polycarbonate.
- **Flexible interior mounting** – features the unique and patented Integra adjustable depth "T-Rail" back panel mounting system (back panel and adjustable brackets sold separately).
- **Wide range** of sizes, configurations and accessories provides capabilities for every application.
- **Brass inserts** – in corner bosses for easy component installation.
- **Standard color** – light gray with a gloss finish.
- **UL-50 / c-UL Listed** (files # E229365, # E207562)

Mechanical & Thermal	Test Spec.	Unit	Rating
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
Flame Rating - UL	UL 94	-	5VA
Outdoor UV Exposure	UL	-	F1

	Part Number	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	✓		✓		✓			✓	✓	
	H6064HCFLL	✓		✓			✓		✓	✓	
	H6064HNL	✓		✓		✓		✓			✓
	H6064HCNL	✓		✓			✓	✓			✓
	H6064HFNL	✓		✓		✓			✓		✓
	H6064HCFNL	✓		✓			✓		✓		✓
	H6064H-6P	✓	✓	✓	✓	✓		✓			
	H6064HC-6P	✓	✓	✓	✓		✓	✓			
	H6064HF-6P	✓	✓	✓	✓	✓			✓		
	H6064HCF-6P	✓	✓	✓	✓		✓		✓		

★ **POPULAR CONFIGURATIONS:** Most popular configurations are available for *QuickShip*.
Please send requests to customerservice@integraenclosures.com to take advantage of our *QuickShip* option.



TORQUE SPECIFICATIONS:
Mounting Feet - 1/4"-20 x 0.5" SS countersunk Phillips drive screws (torque limit = 32 in lbs)
Covers/Doors - #10-32 x 0.75" SS pan Phillips drive screws (torque limit = 10 in lbs)
Panels - #10-32 x 0.375" pan Phillips drive screws (torque limit = 10-15 in lbs)

[Bracketed dimensions in mm]

Register online to download detailed drawing files at www.integraenclosures.com

Accessories for 6x6x4 (For complete accessories, see pages 79-83)

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

Aluminum Swing Out Panels
ABP-66-USOPK - Complete kit
ABP-66USP - Panel only
USOPK - Hardware only

Back Panel Adjustment Kit
BPAKG - Gray, Set Screw
BPAKB - Black, Set Screw
UBPAKG - Gray, Thumb Screw
UBPAKB - Black Thumb Screw

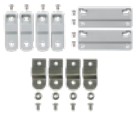
Air Vents
VENT 3 - Aluminum louvered
VENT 2 - Outdoor labyrinth

Steel Swing Out Panels
SBP-66-USOPK - Complete kit
SBP-66USP - Panel only
USOPK - Hardware only

Cord Grips
IP68/NEMA 4X/6P rated
See page 74 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

8X6X4 PREMIUM SERIES

Features & Benefits

- **Quality material** – bases, opaque covers and clear covers are all made of high-impact, UV resistant polycarbonate.
- **Flexible interior mounting** – features the unique and patented Integra adjustable depth "T-Rail" back panel mounting system (back panel and adjustable brackets sold separately).
- **Wide range** of sizes, configurations and accessories provides capabilities for every application.
- **Brass inserts** – in corner bosses for easy component installation.
- **Standard color** – light gray with a gloss finish.
- **UL-50 / c-UL Listed** (files # E229365, # E207562)

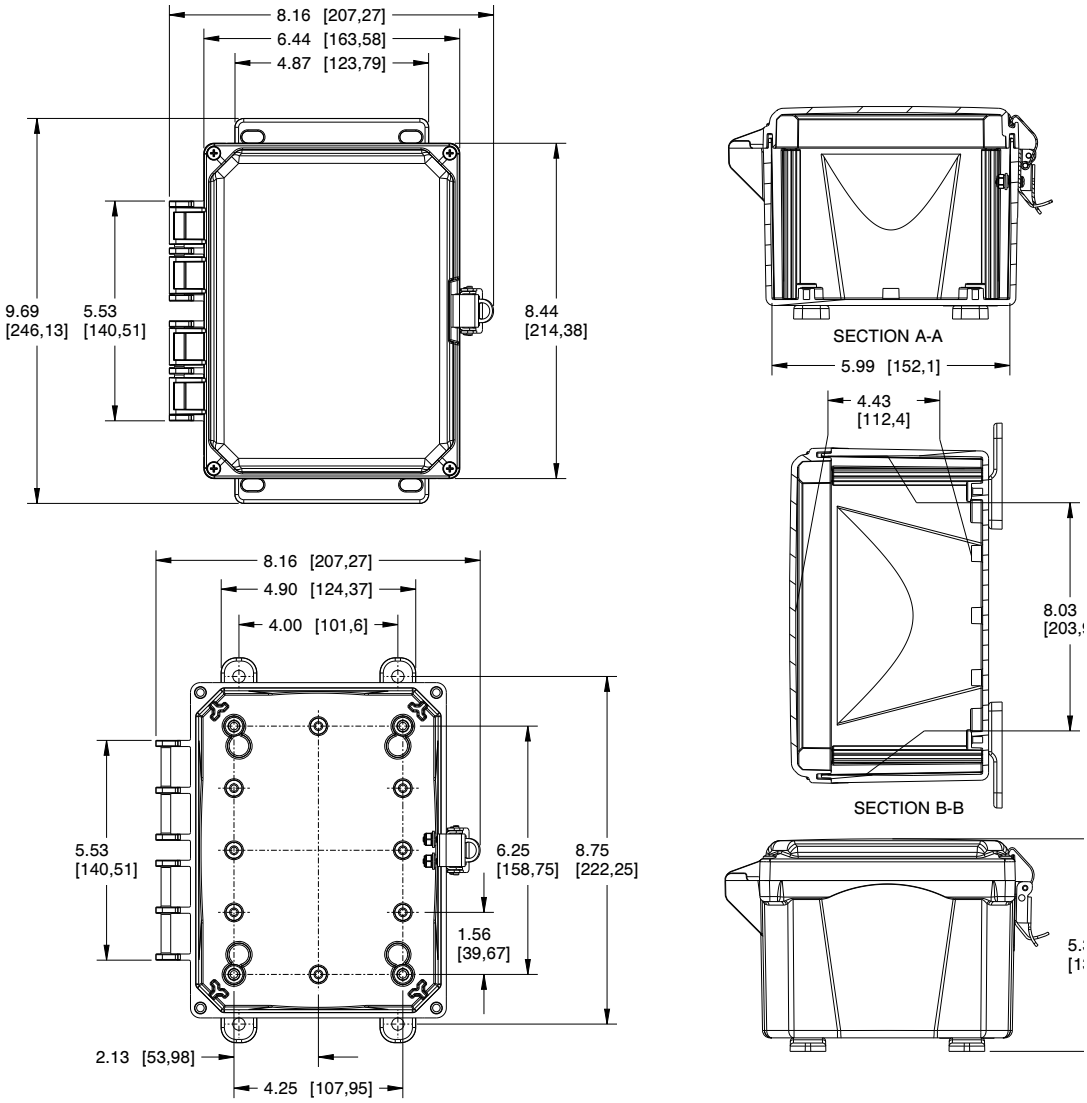
Mounting Feet

Mounting Flanges

Mechanical & Thermal	Test Spec.	Unit	Rating
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
Flame Rating - UL	UL 94	-	5VA
Outdoor UV Exposure	UL	-	F1

	Part Number	4X IP66	6P IP68	Hinged Cover	Screw Cover	Opaque Cover	Clear Cover	Mounting Feet	Mounting Flange	Stainless Steel Locking Latch	Non-Metallic Locking Latch
	H8064S	✓	✓		✓	✓		✓			
	H8064SC	✓	✓		✓		✓	✓			
	H8064SF	✓	✓		✓	✓			✓		
	H8064SCF	✓	✓		✓		✓		✓		
	H8064H	✓		✓	✓	✓		✓			
	H8064HC	✓		✓	✓		✓	✓			
	H8064HF	✓		✓	✓	✓			✓		
	H8064HCF	✓		✓	✓		✓		✓		
★	H8064HLL	✓		✓		✓		✓		✓	
★	H8064HCLL	✓		✓			✓	✓		✓	
	H8064HFLL	✓		✓		✓			✓	✓	
	H8064HCFLL	✓		✓			✓		✓	✓	
	H8064HNL	✓		✓		✓		✓			✓
	H8064HCNL	✓		✓			✓	✓			✓
	H8064HFNL	✓		✓		✓			✓		✓
	H8064HCFNL	✓		✓			✓		✓		✓
	H8064H-6P	✓	✓	✓	✓	✓		✓			
	H8064HC-6P	✓	✓	✓	✓		✓	✓			
	H8064HF-6P	✓	✓	✓	✓	✓			✓		
	H8064HCF-6P	✓	✓	✓	✓		✓		✓		

★ **POPULAR CONFIGURATIONS:** Most popular configurations are available for *QuickShip*.
Please send requests to customerservice@integraenclosures.com to take advantage of our *QuickShip* option.



TORQUE SPECIFICATIONS:
Mounting Feet - 1/4"-20 x 0.5" SS countersunk Phillips drive screws (torque limit = 32 in lbs)
Covers/Doors - #10-32 x 0.75" SS pan Phillips drive screws (torque limit = 10 in lbs)
Panels - #10-32 x 0.375" pan Phillips drive screws (torque limit = 10-15 in lbs)

[Bracketed dimensions in mm]

Register online to download detailed drawing files at www.integraenclosures.com

Accessories for 8x6x4 (For complete accessories, see pages 79-83)

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

Aluminum Swing Out Panels
ABP-86-USOPK - Complete kit
ABP-86USP - Panel only
USOPK - Hardware only

Back Panel Adjustment Kit
BPAKG - Gray, Set Screw
BPAKB - Black, Set Screw
UBPAKG - Gray, Thumb Screw
UBPAKB - Black Thumb Screw

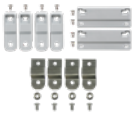
Air Vents
VENT 3 - Aluminum louvered
VENT 2 - Outdoor labyrinth

Steel Swing Out Panels
SBP-86-USOPK - Complete kit
SBP-86USP - Panel only
USOPK - Hardware only

Cord Grips
IP68/NEMA 4X/6P rated
See page 74 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

8X8X4 PREMIUM SERIES

Features & Benefits

- **Quality material** – bases, opaque covers and clear covers are all made of high-impact, UV resistant polycarbonate.
- **Flexible interior mounting** – features the unique and patented Integra adjustable depth "T-Rail" back panel mounting system (back panel and adjustable brackets sold separately).
- **Wide range** of sizes, configurations and accessories provides capabilities for every application.
- **Brass inserts** – in corner bosses for easy component installation.
- **Standard color** – light gray with a gloss finish.
- **UL-50 / c-UL Listed** (files # E229365, # E207562)

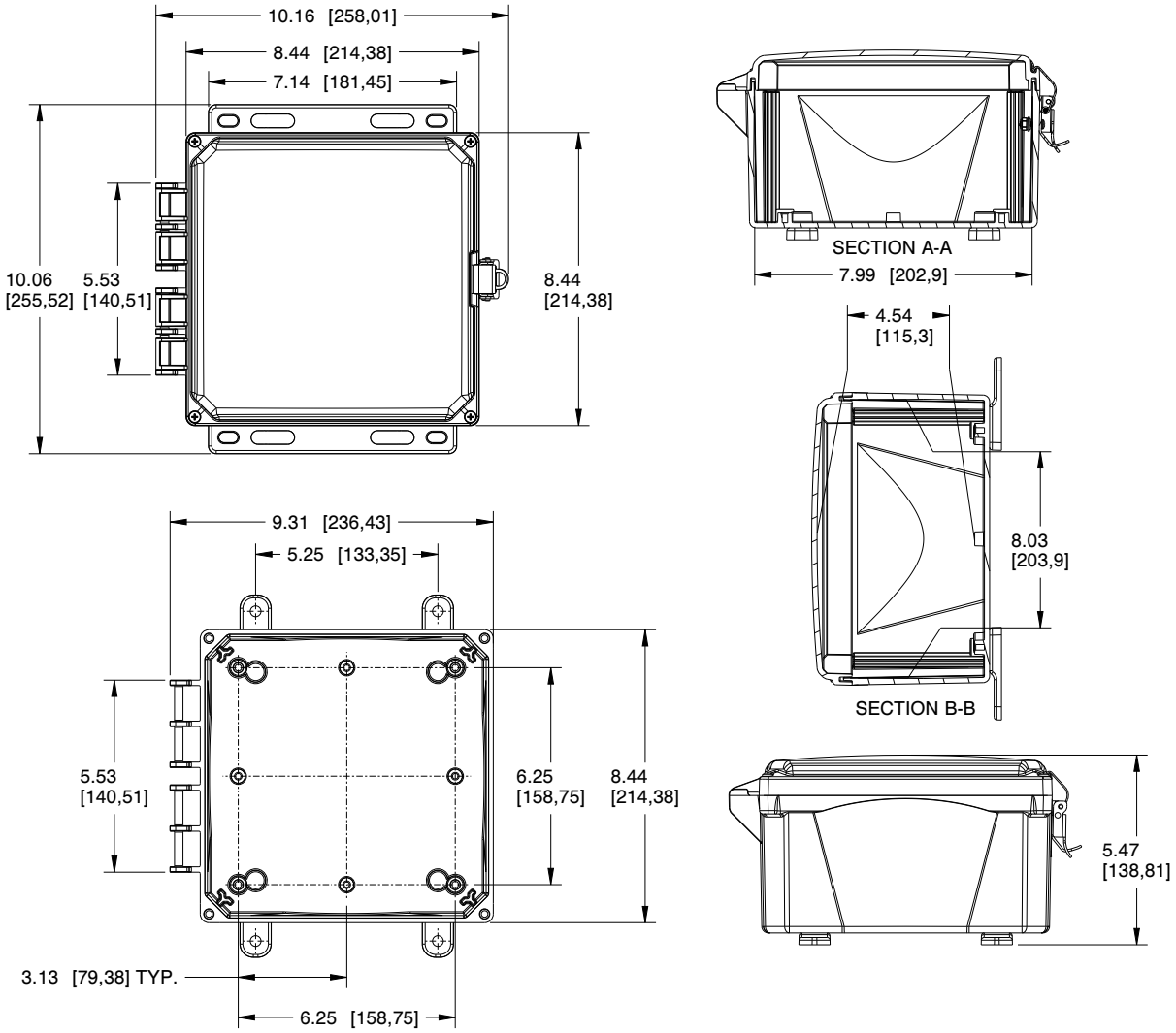
Mounting Feet

Mounting Flanges

Mechanical & Thermal	Test Spec.	Unit	Rating
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
Flame Rating - UL	UL 94	-	5VA
Outdoor UV Exposure	UL	-	F1

	Part Number	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	✓	✓	✓	✓		✓		✓		

★ **POPULAR CONFIGURATIONS:** Most popular configurations are available for *QuickShip*.
Please send requests to customerservice@integraenclosures.com to take advantage of our *QuickShip* option.



TORQUE SPECIFICATIONS:
Mounting Feet - 1/4"-20 x 0.5" SS countersunk Phillips drive screws (torque limit = 32 in lbs)
Covers/Doors - #10-32 x 0.75" SS pan Phillips drive screws (torque limit = 10 in lbs)
Panels - #10-32 x 0.375" pan Phillips drive screws (torque limit = 10-15 in lbs)

[Bracketed dimensions in mm]

Register online to download detailed drawing files at www.integraenclosures.com

Accessories for 8x8x4 (For complete accessories, see pages 79-83)

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

Aluminum Swing Out Panels
ABP-88-USOPK - Complete kit
ABP-88USP - Panel only
USOPK - Hardware only

Back Panel Adjustment Kit
BPAKG - Gray, Set Screw
BPAKB - Black, Set Screw
UBPAKG - Gray, Thumb Screw
UBPAKB - Black Thumb Screw

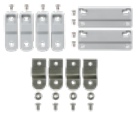
Air Vents
VENT 3 - Aluminum louvered
VENT 2 - Outdoor labyrinth

Steel Swing Out Panels
SBP-88-USOPK - Complete kit
SBP-88USP - Panel only
USOPK - Hardware only

Cord Grips
IP68/NEMA 4X/6P rated
See page 74 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

10X8X2 PREMIUM SERIES

Features & Benefits

- **Quality material** – bases, opaque covers and clear covers are all made of high-impact, UV resistant polycarbonate.
- **Flexible interior mounting** – features the unique and patented Integra adjustable depth "T-Rail" back panel mounting system (back panel and adjustable brackets sold separately).
- **Wide range** of sizes, configurations and accessories provides capabilities for every application.
- **Brass inserts** – in corner bosses for easy component installation.
- **Standard color** – light gray with a gloss finish.
- **UL-50 / c-UL Listed** (files # E229365, # E207562)

Mounting Feet

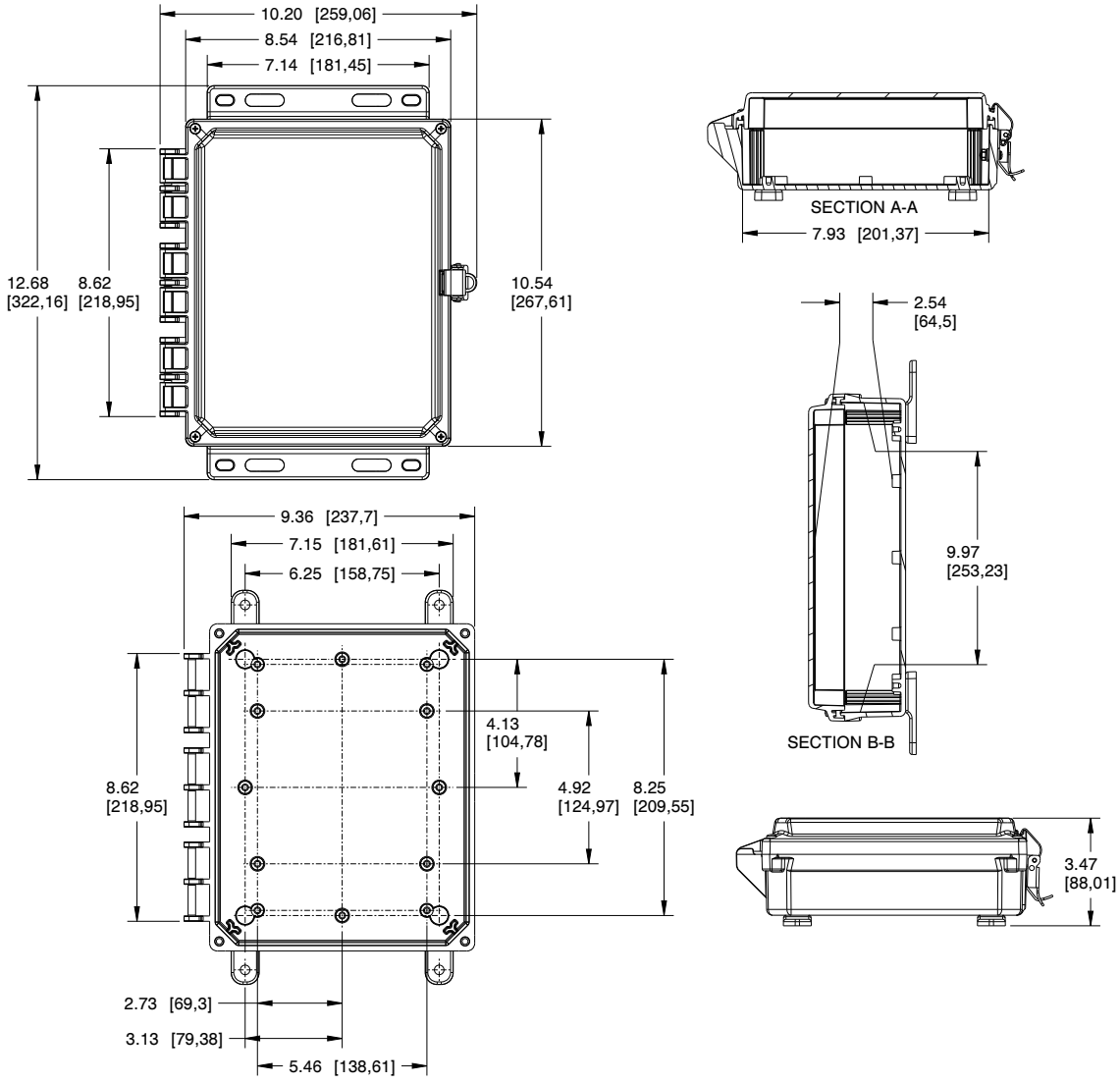
Mounting Flanges

Mechanical & Thermal	Test Spec.	Unit	Rating
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
Flame Rating - UL	UL 94	-	5VA
Outdoor UV Exposure	UL	-	F1

	Part Number	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	✓	✓	✓	✓		✓		✓		

★ **POPULAR CONFIGURATIONS:** Most popular configurations are available for *QuickShip*.
Please send requests to customerservice@integraenclosures.com to take advantage of our *QuickShip* option.

10X8X2 PREMIUM SERIES



TORQUE SPECIFICATIONS:
Mounting Feet - 1/4"-20 x 0.5" SS countersunk Phillips drive screws (torque limit = 32 in lbs)
Covers/Doors - #10-32 x 0.75" SS pan Phillips drive screws (torque limit = 10 in lbs)
Panels - #10-32 x 0.375" pan Phillips drive screws (torque limit = 10-15 in lbs)

[Bracketed dimensions in mm]

Register online to download detailed drawing files at www.integraenclosures.com

Accessories for 10x8x2 (For complete accessories, see pages 79-83)

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

Aluminum Swing Out Panels
ABP-108-USOPK - Complete kit
ABP-108USP - Panel only
USOPK - Hardware only

Back Panel Adjustment Kit
BPAKG - Gray, Set Screw
BPAKB - Black, Set Screw
UBPAKG - Gray, Thumb Screw
UBPAKB - Black Thumb Screw

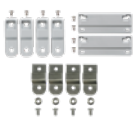
Air Vents
VENT 3 - Aluminum louvered
VENT 2 - Outdoor labyrinth

Steel Swing Out Panels
SBP-108-USOPK - Complete kit
SBP-108USP - Panel only
USOPK - Hardware only

Cord Grips
IP68/NEMA 4X/6P rated
See page 74 for more details and part numbers.

Din Rail
DIN 6 - 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

10X8X4 PREMIUM SERIES

Mounting Feet

Mounting Flanges

Features & Benefits

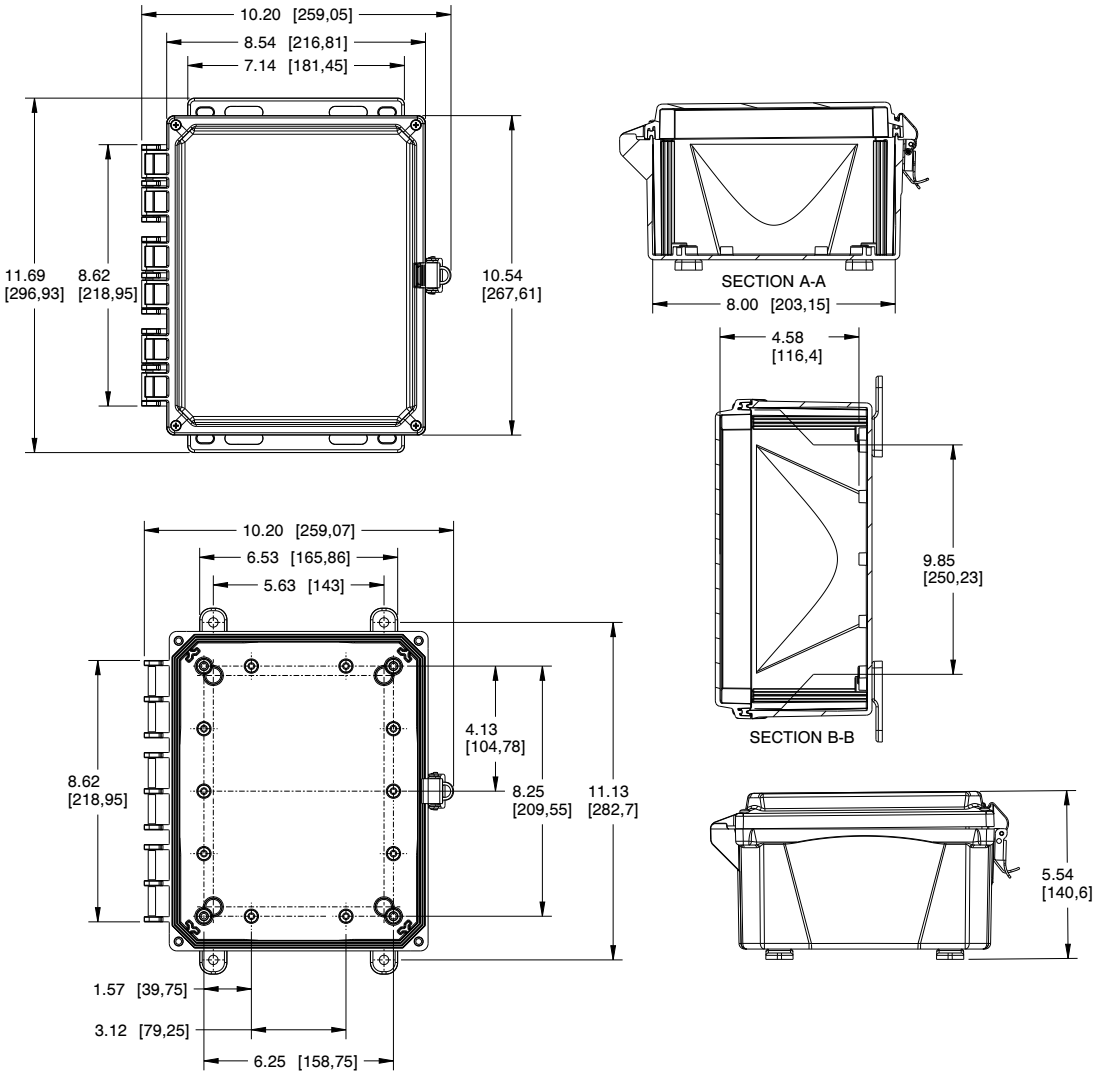
- **Quality material** – bases, opaque covers and clear covers are all made of high-impact, UV resistant polycarbonate.
- **Flexible interior mounting** – features the unique and patented Integra adjustable depth "T-Rail" back panel mounting system (back panel and adjustable brackets sold separately).
- **Wide range** of sizes, configurations and accessories provides capabilities for every application.
- **Brass inserts** – in corner bosses for easy component installation.
- **Standard color** – light gray with a gloss finish.
- **UL-50 / c-UL Listed** (files # E229365, # E207562)

Mechanical & Thermal	Test Spec.	Unit	Rating
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
Flame Rating - UL	UL 94	-	5VA
Outdoor UV Exposure	UL	-	F1

	Part Number	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	✓	✓	✓	✓		✓		✓		

★ **POPULAR CONFIGURATIONS:** Most popular configurations are available for *QuickShip*.
Please send requests to customerservice@integraenclosures.com to take advantage of our *QuickShip* option.

10X8X4 PREMIUM SERIES



TORQUE SPECIFICATIONS:
Mounting Feet - 1/4"-20 x 0.5" SS countersunk Phillips drive screws (torque limit = 32 in lbs)
Covers/Doors - #10-32 x 0.75" SS pan Phillips drive screws (torque limit = 10 in lbs)
Panels - #10-32 x 0.375" pan Phillips drive screws (torque limit = 10-15 in lbs)

[Bracketed dimensions in mm]

Register online to download detailed drawing files at www.integraenclosures.com

Accessories for 10x8x4 (For complete accessories, see pages 79-83)

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

Aluminum Swing Out Panels
ABP-108-USOPK - Complete kit
ABP-108USP - Panel only
USOPK - Hardware only

Back Panel Adjustment Kit
BPAKG - Gray, Set Screw
BPAKB - Black, Set Screw
UBPAKG - Gray, Thumb Screw
UBPAKB - Black Thumb Screw

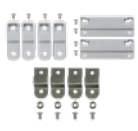
Air Vents
VENT 3 - Aluminum louvered
VENT 2 - Outdoor labyrinth

Steel Swing Out Panels
SBP-108-USOPK - Complete kit
SBP-108USP - Panel only
USOPK - Hardware only

Cord Grips
IP68/NEMA 4X/6P rated
See page 74 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

10X8X6 PREMIUM SERIES

Mounting Feet

Mounting Flanges

Features & Benefits

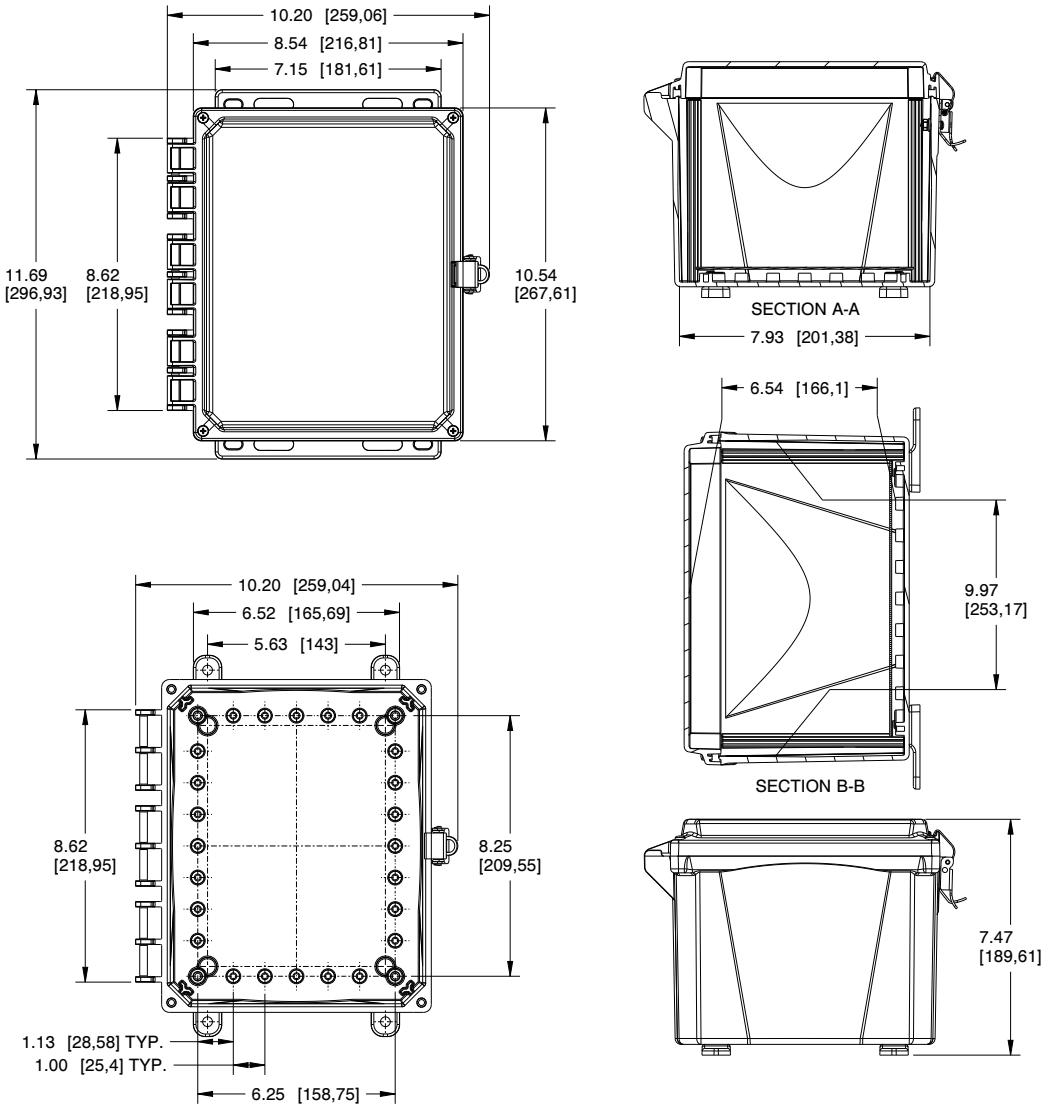
- **Quality material** – bases, opaque covers and clear covers are all made of high-impact, UV resistant polycarbonate.
- **Flexible interior mounting** – features the unique and patented Integra adjustable depth "T-Rail" back panel mounting system (back panel and adjustable brackets sold separately).
- **Wide range** of sizes, configurations and accessories provides capabilities for every application.
- **Brass inserts** – in corner bosses for easy component installation.
- **Standard color** – light gray with a gloss finish.
- **UL-50 / c-UL Listed** (files # E229365, # E207562)

Mechanical & Thermal	Test Spec.	Unit	Rating
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
Flame Rating - UL	UL 94	-	5VA
Outdoor UV Exposure	UL	-	F1

	Part Number	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	✓	✓	✓	✓		✓		✓		

★ **POPULAR CONFIGURATIONS:** Most popular configurations are available for *QuickShip*.
Please send requests to customerservice@integraenclosures.com to take advantage of our *QuickShip* option.

10X8X6 PREMIUM SERIES



TORQUE SPECIFICATIONS:
Mounting Feet - 1/4"-20 x 0.5" SS countersunk Phillips drive screws (torque limit = 32 in lbs)
Covers/Doors - #10-32 x 0.75" SS pan Phillips drive screws (torque limit = 10 in lbs)
Panels - #10-32 x 0.375" pan Phillips drive screws (torque limit = 10-15 in lbs)

[Bracketed dimensions in mm]

Register online to download detailed drawing files at www.integraenclosures.com

Accessories for 10x8x6 (For complete accessories, see pages 79-83)

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

Aluminum Swing Out Panels
ABP-108-USOPK - Complete kit
ABP-108USP - Panel only
USOPK - Hardware only

Back Panel Adjustment Kit
BPAKG - Gray, Set Screw
BPAKB - Black, Set Screw
UBPAKG - Gray, Thumb Screw
UBPAKB - Black Thumb Screw

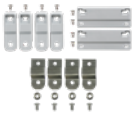
Air Vents
VENT 3 - Aluminum louvered
VENT 2 - Outdoor labyrinth

Steel Swing Out Panels
SBP-108-USOPK - Complete kit
SBP-108USP - Panel only
USOPK - Hardware only

Cord Grips
IP68/NEMA 4X/6P rated
See page 74 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

12X10X4 PREMIUM SERIES

Features & Benefits

- **Quality material** – bases, opaque covers and clear covers are all made of high-impact, UV resistant polycarbonate.
- **Flexible interior mounting** – features the unique and patented Integra adjustable depth "T-Rail" back panel mounting system (back panel and adjustable brackets sold separately).
- **Wide range** of sizes, configurations and accessories provides capabilities for every application.
- **Brass inserts** – in corner bosses for easy component installation.
- **Standard color** – light gray with a gloss finish.
- **UL-50 / c-UL Listed** (files # E229365, # E207562)

Mounting Feet

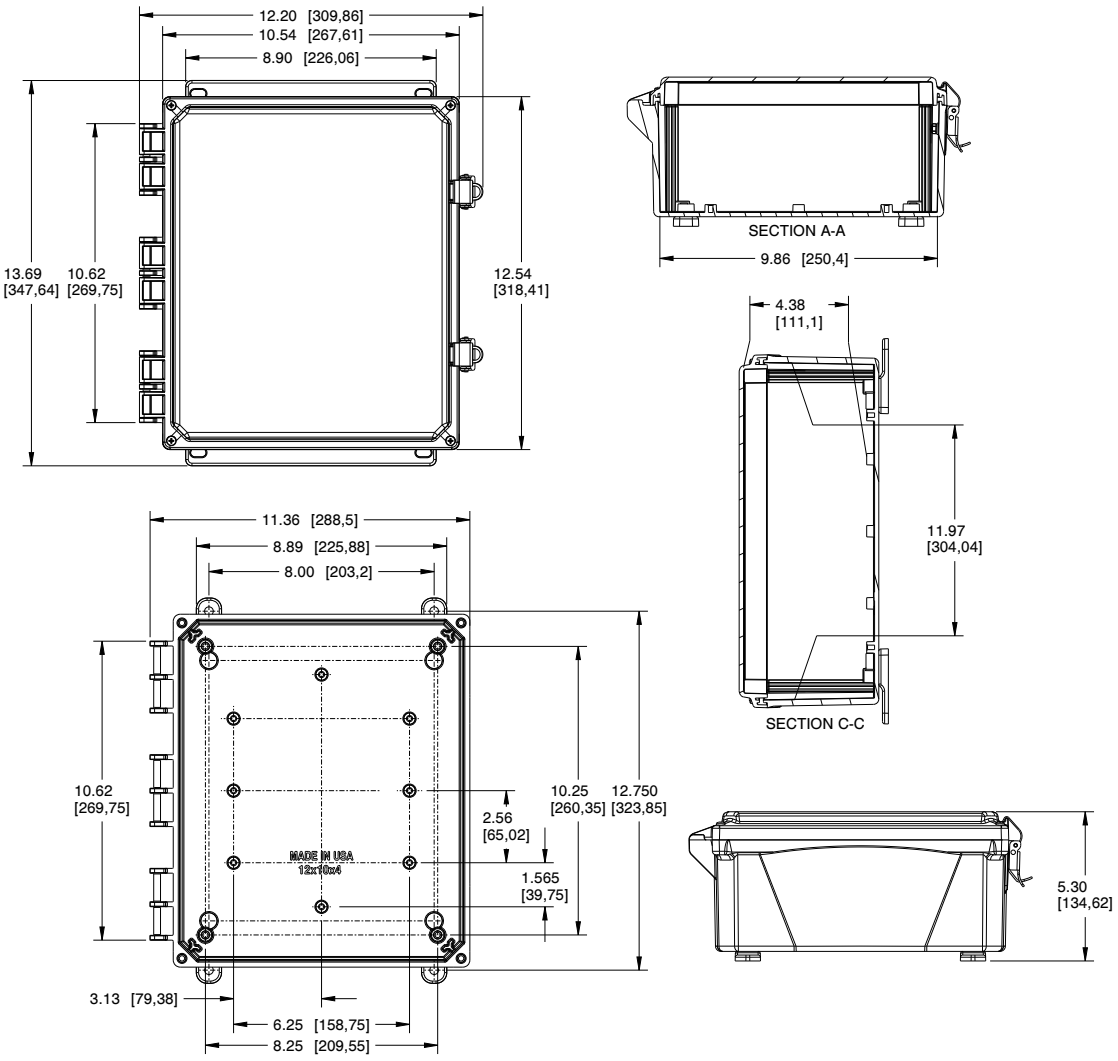
Mounting Flanges

Mechanical & Thermal	Test Spec.	Unit	Rating
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
Flame Rating - UL	UL 94	-	5VA
Outdoor UV Exposure	UL	-	F1

	Part Number	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	✓	✓	✓	✓		✓		✓		

★ **POPULAR CONFIGURATIONS:** Most popular configurations are available for *QuickShip*.
Please send requests to customerservice@integraenclosures.com to take advantage of our *QuickShip* option.

12X10X4 PREMIUM SERIES



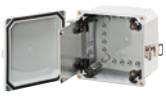
TORQUE SPECIFICATIONS:
Mounting Feet - 1/4"-20 x 0.5" SS countersunk Phillips drive screws (torque limit = 32 in lbs)
Covers/Doors - #10-32 x 0.75" SS pan Phillips drive screws (torque limit = 10 in lbs)
Panels - #10-32 x 0.375" pan Phillips drive screws (torque limit = 10-15 in lbs)

[Bracketed dimensions in mm]

Register online to download detailed drawing files at www.integraenclosures.com

Accessories for 12x10x4 (For complete accessories, see pages 79-83)

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



Aluminum Swing Out Panels
ABP-1210-USOPK - Complete kit
ABP-1210USP - Panel only
USOPK - Hardware only

Back Panel Adjustment Kit
BPAKG - Gray, Set Screw
BPAKB - Black, Set Screw
UBPAKG - Gray, Thumb Screw
UBPAKB - Black Thumb Screw

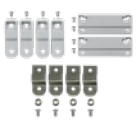
Air Vents / Fan Shrouds
VENT 3 - Aluminum louvered
VENT 2 - Outdoor labyrinth
FS KIT1 - 1 piece kit
FS KIT2 - 2 piece kit

Steel Swing Out Panels
SBP-1210-USOPK - Complete kit
SBP-1210USP - Panel only
USOPK - Hardware only

Cord Grips
IP68/NEMA 4X/6P rated
See page 74 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

12X10X6 PREMIUM SERIES

Features & Benefits

- **Quality material** – bases, opaque covers and clear covers are all made of high-impact, UV resistant polycarbonate.
- **Flexible interior mounting** – features the unique and patented Integra adjustable depth "T-Rail" back panel mounting system (back panel and adjustable brackets sold separately).
- **Wide range** of sizes, configurations and accessories provides capabilities for every application.
- **Brass inserts** – in corner bosses for easy component installation.
- **Standard color** – light gray with a gloss finish.
- **UL-50 / c-UL Listed** (files # E229365, # E207562)

Mounting Feet

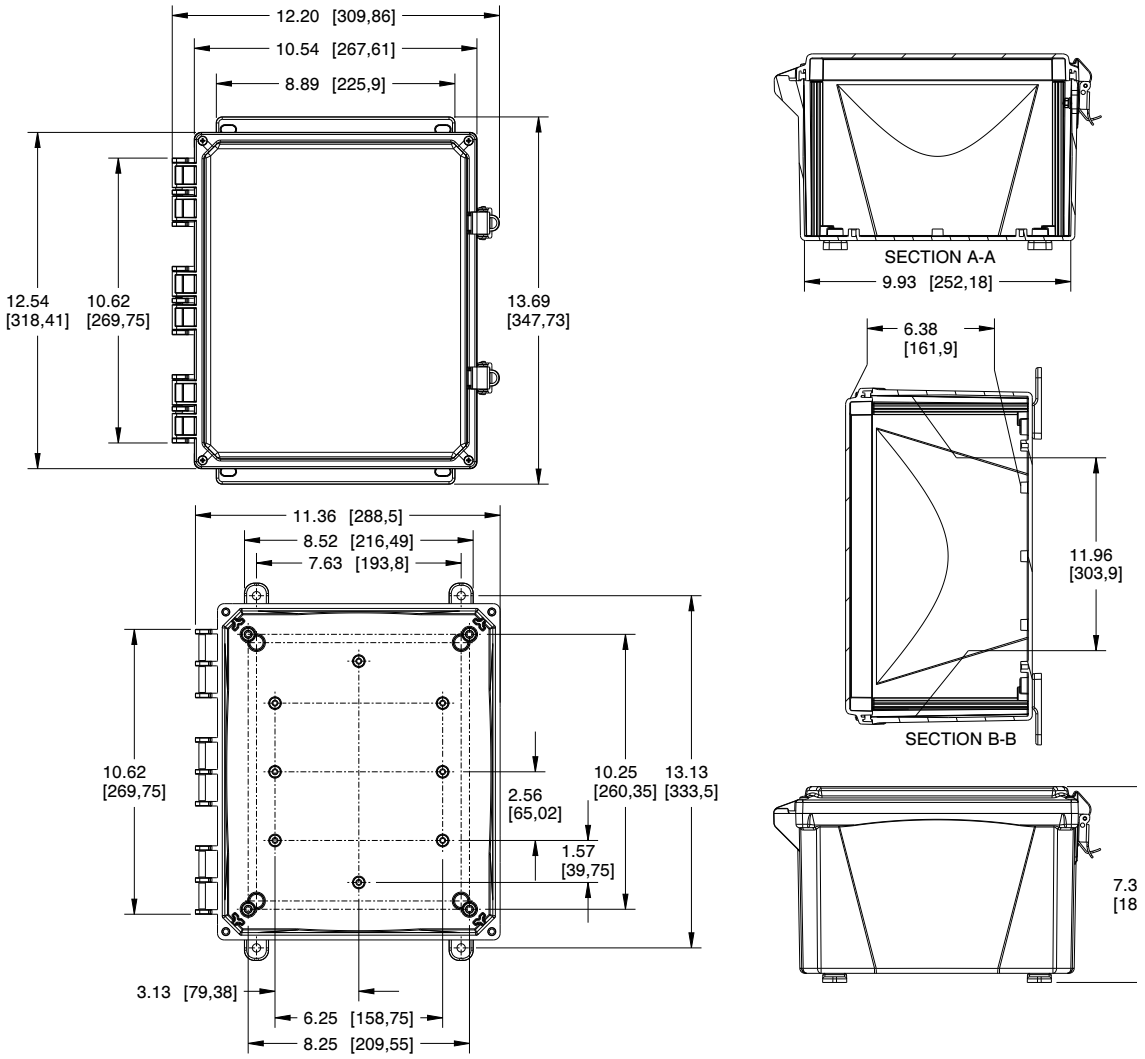
Mounting Flanges

Mechanical & Thermal	Test Spec.	Unit	Rating
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
Flame Rating - UL	UL 94	-	5VA
Outdoor UV Exposure	UL	-	F1

	Part Number	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	✓	✓	✓	✓		✓		✓		

★ **POPULAR CONFIGURATIONS:** Most popular configurations are available for *QuickShip*.
Please send requests to customerservice@integraenclosures.com to take advantage of our *QuickShip* option.

12X10X6 PREMIUM SERIES



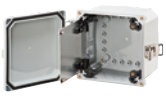
TORQUE SPECIFICATIONS:
Mounting Feet - 1/4"-20 x 0.5" SS countersunk Phillips drive screws (torque limit = 32 in lbs)
Covers/Doors - #10-32 x 0.75" SS pan Phillips drive screws (torque limit = 10 in lbs)
Panels - #10-32 x 0.375" pan Phillips drive screws (torque limit = 10-15 in lbs)

[Bracketed dimensions in mm]

Register online to download detailed drawing files at www.integraenclosures.com

Accessories for 12x10x6 (For complete accessories, see pages 79-83)

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



Aluminum Swing Out Panels
ABP-1210-USOPK - Complete kit
ABP-1210USP - Panel only
USOPK - Hardware only

Back Panel Adjustment Kit
BPAKG - Gray, Set Screw
BPAKB - Black, Set Screw
UBPAKG - Gray, Thumb Screw
UBPAKB - Black Thumb Screw

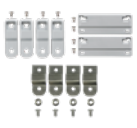
Air Vents / Fan Shrouds
VENT 3 - Aluminum louvered
VENT 2 - Outdoor labyrinth
FS KIT1 - 1 piece kit
FS KIT2 - 2 piece kit

Steel Swing Out Panels
SBP-1210-USOPK - Complete kit
SBP-1210USP - Panel only
USOPK - Hardware only

Cord Grips
IP68/NEMA 4X/6P rated
See page 74 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 SERIES

Features & Benefits

- **Quality material** – bases, opaque covers and clear covers are all made of high-impact, UV resistant polycarbonate.
- **Flexible interior mounting** – features the unique and patented Integra adjustable depth "T-Rail" back panel mounting system (back panel and adjustable brackets sold separately).
- **Wide range** of sizes, configurations and accessories provides capabilities for every application.
- **Brass inserts** – in corner bosses for easy component installation.
- **Standard color** – light gray with a gloss finish.
- **UL-50 / c-UL Listed** (files # E229365, # E207562)

Mounting Feet

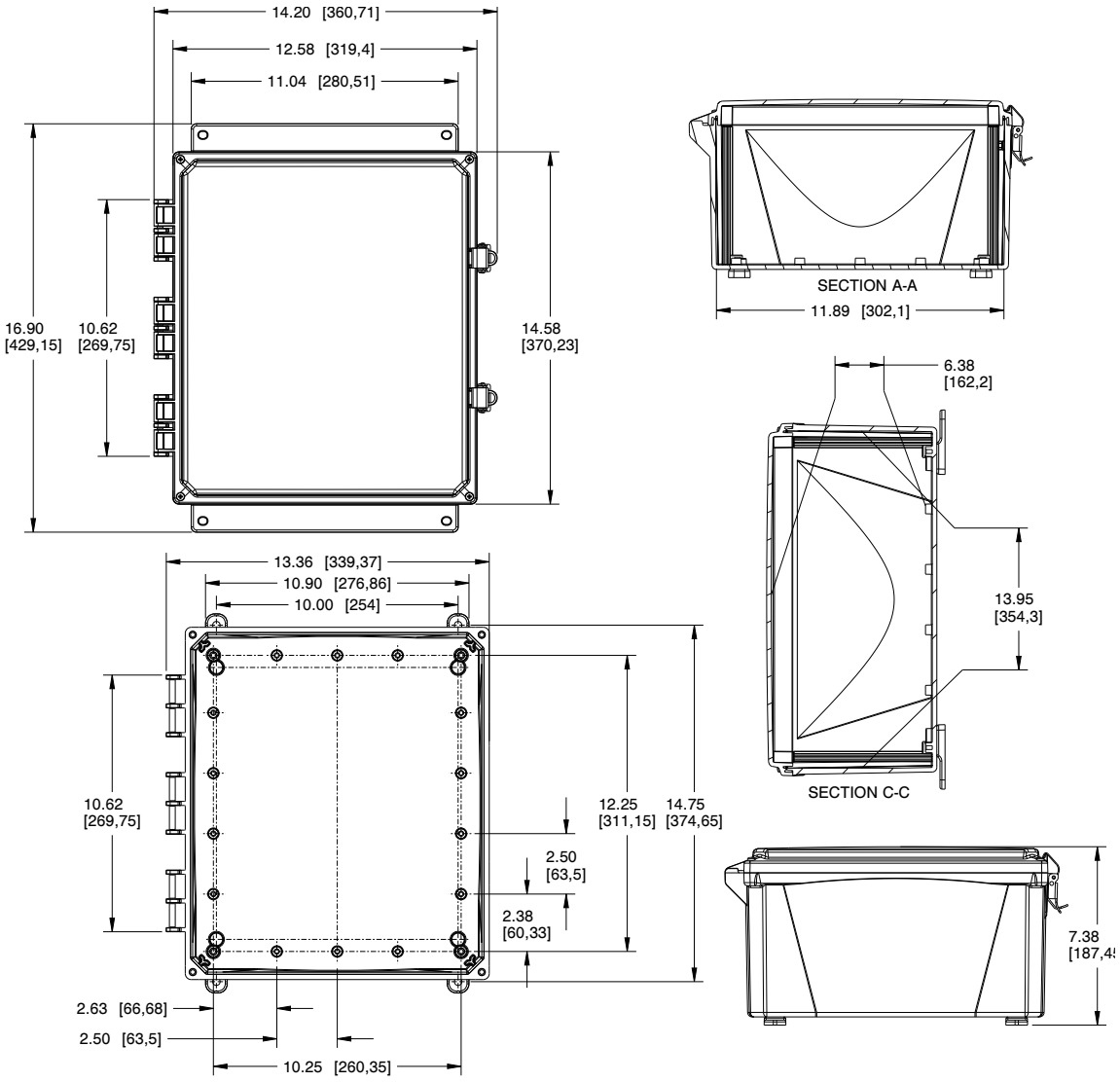
Mounting Flanges

Mechanical & Thermal	Test Spec.	Unit	Rating
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
Flame Rating - UL	UL 94	-	5VA
Outdoor UV Exposure	UL	-	F1

	Part Number	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	✓		✓		✓			✓	✓	
	H141206HCFLL	✓		✓			✓		✓	✓	
	H141206HNL	✓		✓		✓		✓			✓
	H141206HCNL	✓		✓			✓	✓			✓
	H141206HFNL	✓		✓		✓			✓		✓
	H141206HCFNL	✓		✓			✓		✓		✓
	H141206H-6P	✓	✓	✓	✓	✓		✓			
	H141206HC-6P	✓	✓	✓	✓		✓	✓			
	H141206HF-6P	✓	✓	✓	✓	✓			✓		
	H141206HCF-6P	✓	✓	✓	✓		✓		✓		

★ **POPULAR CONFIGURATIONS:** Most popular configurations are available for *QuickShip*.
Please send requests to customerservice@integraenclosures.com to take advantage of our *QuickShip* option.

14X12X6 PREMIUM SERIES



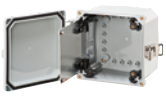
TORQUE SPECIFICATIONS:
Mounting Feet - 1/4"-20 x 0.5" SS countersunk Phillips drive screws (torque limit = 32 in lbs)
Covers/Doors - #10-32 x 0.75" SS pan Phillips drive screws (torque limit = 10 in lbs)
Panels - #10-32 x 0.375" pan Phillips drive screws (torque limit = 10-15 in lbs)

[Bracketed dimensions in mm]

Register online to download detailed drawing files at www.integraenclosures.com

Accessories for 14x12x6 (For complete accessories, see pages 79-83)

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



Aluminum Swing Out Panels
ABP-1412-USOPK - Complete kit
ABP-1412USP - Panel only
USOPK - Hardware only

Back Panel Adjustment Kit
BPAKG - Gray, Set Screw
BPAKB - Black, Set Screw
UBPAKG - Gray, Thumb Screw
UBPAKB - Black Thumb Screw

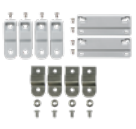
Air Vents / Fan Shrouds
VENT 3 - Aluminum louvered
VENT 2 - Outdoor labyrinth
FS KIT1 - 1 piece kit
FS KIT2 - 2 piece kit

Steel Swing Out Panels
SBP-1412-USOPK - Complete kit
SBP-1412USP - Panel only
USOPK - Hardware only

Cord Grips
IP68/NEMA 4X/6P rated
See page 74 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

16X14X7 PREMIUM SERIES

Features & Benefits

- **Quality material** – bases, opaque covers and clear covers are all made of high-impact, UV resistant polycarbonate.
- **Flexible interior mounting** – features the unique and patented Integra adjustable depth "T-Rail" back panel mounting system (back panel and adjustable brackets sold separately).
- **Wide range** of sizes, configurations and accessories provides capabilities for every application.
- **Brass inserts** – in corner bosses for easy component installation.
- **Standard color** – light gray with a gloss finish.
- **UL-50 / c-UL Listed** (files # E229365, # E207562)

Mounting Feet

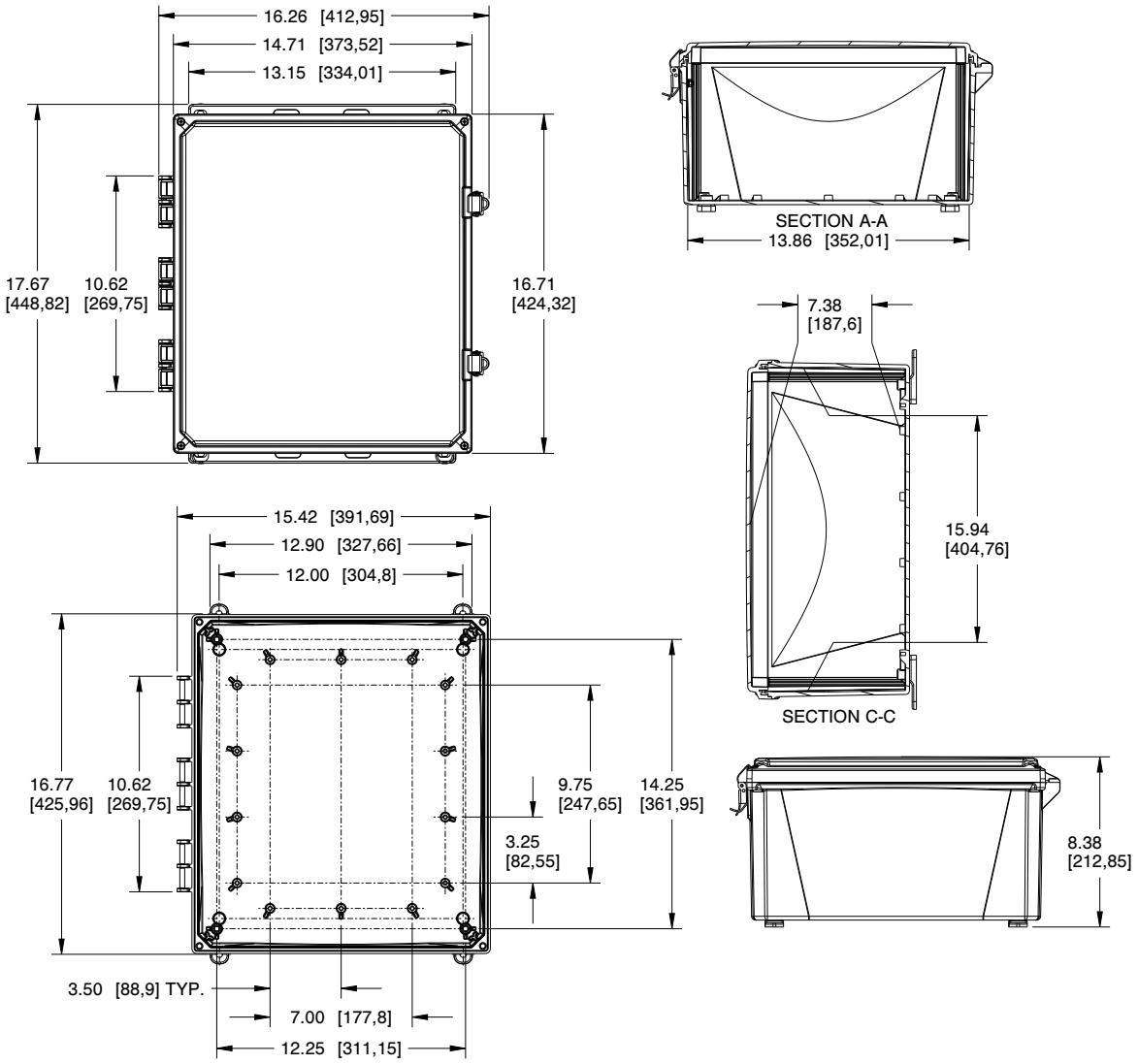
Mounting Flanges

Mechanical & Thermal	Test Spec.	Unit	Rating
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
Flame Rating - UL	UL 94	-	5VA
Outdoor UV Exposure	UL	-	F1

	Part Number	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	✓	✓	✓	✓		✓		✓		

★ **POPULAR CONFIGURATIONS:** Most popular configurations are available for *QuickShip*.
Please send requests to customerservice@integraenclosures.com to take advantage of our *QuickShip* option.

16X14X7 PREMIUM SERIES



TORQUE SPECIFICATIONS:
Mounting Feet - 1/4"-20 x 0.5" SS countersunk Phillips drive screws (torque limit = 32 in lbs)
Covers/Doors - #10-32 x 0.75" SS pan Phillips drive screws (torque limit = 10 in lbs)
Panels - #10-32 x 0.375" pan Phillips drive screws (torque limit = 10-15 in lbs)

[Bracketed dimensions in mm]

Register online to download detailed drawing files at www.integraenclosures.com

Accessories for 16x14x7 (For complete accessories, see pages 79-83)

Back Panels
ABP1614 - Aluminum panel
SBP1614 - Steel panel
PVCBP1614 - PVC panel

Aluminum Swing Out Panels
ABP-1614-USOPK - Complete kit
ABP-1614USP - Panel only
USOPK - Hardware only

Back Panel Adjustment Kit
BPAKG - Gray, Set Screw
BPAKB - Black, Set Screw
UBPAKG - Gray, Thumb Screw
UBPAKB - Black Thumb Screw

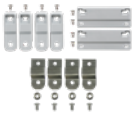
Air Vents / Fan Shrouds
VENT 3 - Aluminum louvered
VENT 2 - Outdoor labyrinth
FS KIT1 - 1 piece kit
FS KIT2 - 2 piece kit

Steel Swing Out Panels
SBP-1614-USOPK - Complete kit
SBP-1614USP - Panel only
USOPK - Hardware only

Cord Grips
IP68/NEMA 4X/6P rated
See page 74 for more details and part numbers.

Din Rail
DIN 14 - 2 rails, 4 screws

Pole Mounting Kit
PMKG-214 - 2" pole
PMKG-314 - 3" pole
PMKG-414 - 4" pole
PMKG-1214 - 12" pole



Mounting Feet & Flange Kits
MFKG - Premium line feet
MFKSS - Stainless steel feet
MFLK14 - 14" Flange kit

16X18X10 PREMIUM LINE

Features & Benefits

- **Quality material** – bases, opaque covers and clear covers are all made of high-impact, UV resistant polycarbonate.
- **Flexible interior mounting** – features the unique and patented Integra adjustable depth "T-Rail" back panel mounting system (back panel and adjustable brackets sold separately).
- **Wide range** of sizes, configurations and accessories provides capabilities for every application.
- **Brass inserts** – in corner bosses for easy component installation.
- **Standard color** – light gray with a gloss finish.
- **UL-50 / c-UL Listed** (files # E229365, # E207562)

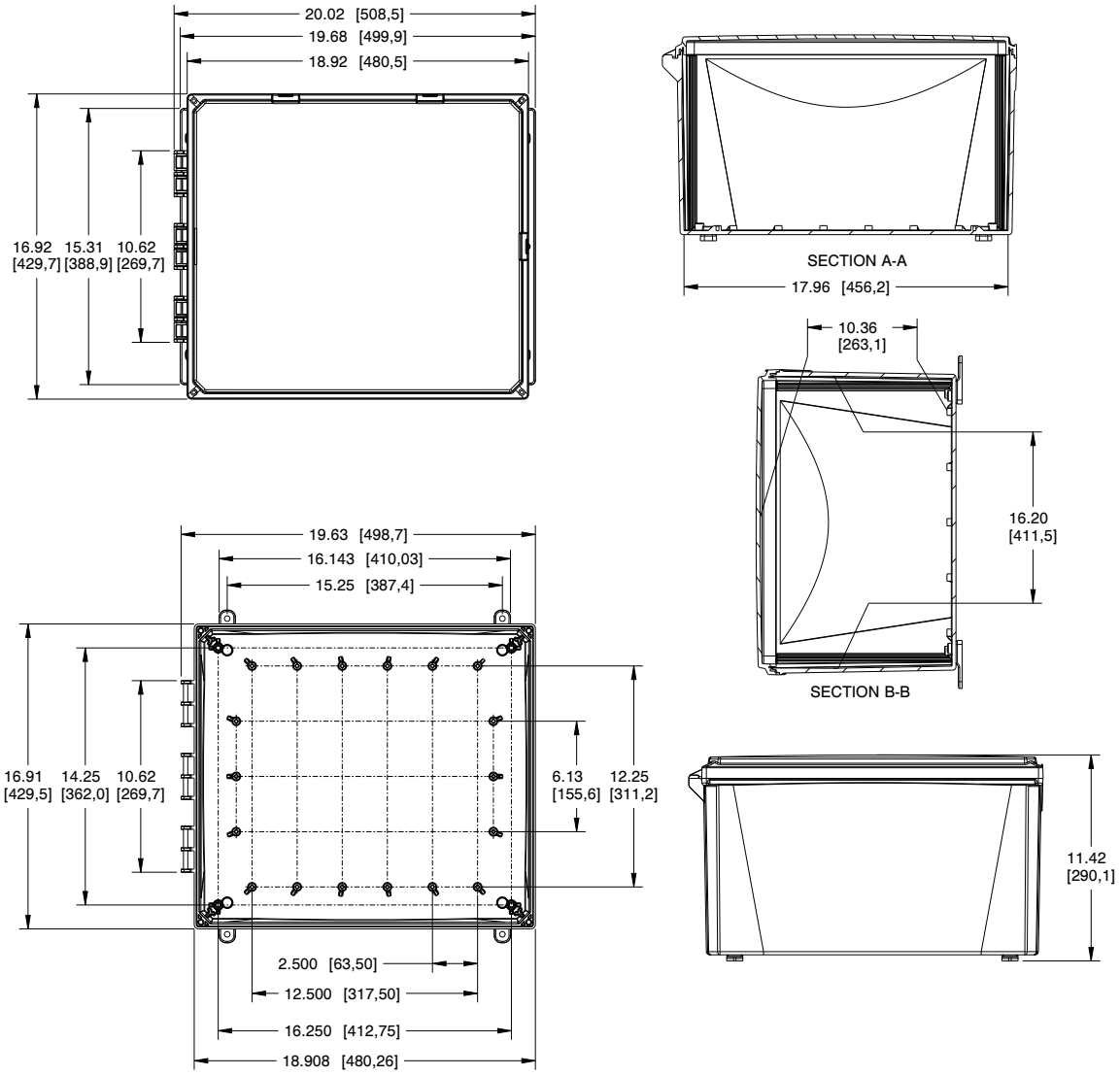
Mounting Feet

Mounting Flanges

Mechanical & Thermal	Test Spec.	Unit	Rating
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
Flame Rating - UL	UL 94	-	5VA
Outdoor UV Exposure	UL	-	F1

Part Number	4X IP66	6P IP68	Hinged Cover	Screw Cover	Opaque Cover	Clear Cover	Mounting Feet	Mounting Flange	Stainless Steel Locking Latch	Non-Metallic Locking Latch
H161810H	✓		✓	✓	✓		✓			
H161810HC	✓		✓	✓		✓	✓			
H161810HF	✓		✓	✓	✓			✓		
H161810HCF	✓		✓	✓		✓		✓		
H161810H-6P	✓	✓	✓	✓	✓		✓			
H161810HC-6P	✓	✓	✓	✓		✓	✓			
H161810HF-6P	✓	✓	✓	✓	✓			✓		
H161810HCF-6P	✓	✓	✓	✓		✓		✓		

*This enclosure has a horizontal orientation with the hinge located on the 16" side of the enclosure.
Mounting Flanges to be mounted vertically on 16" sides of the enclosure.



TORQUE SPECIFICATIONS:
Mounting Feet - 1/4"-20 x 0.5" SS countersunk Phillips drive screws (torque limit = 32 in lbs)
Covers/Doors - #10-32 x 0.75" SS pan Phillips drive screws (torque limit = 10 in lbs)
Panels - #10-32 x 0.375" pan Phillips drive screws (torque limit = 10-15 in lbs)

[Bracketed dimensions in mm]

Register online to download detailed drawing files at www.integraenclosures.com

Accessories for 16x18x10 (For complete accessories, see pages 79-83)

Back Panels
ABP1816 - Aluminum panel
SBP1816 - Steel panel
PVCBP1816 - PVC panel

Aluminum Swing Out Panels
ABP-1816-USOPK - Complete kit
ABP-1816USP - Panel only
USOPK - Hardware only

Back Panel Adjustment Kit
BPAKG - Gray, Set Screw
BPAKB - Black, Set Screw
UBPAKG - Gray, Thumb Screw
UBPAKB - Black Thumb Screw

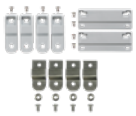
Air Vents / Fan Shrouds
VENT 3 - Aluminum louvered
VENT 2 - Outdoor labyrinth
FS KIT1 - 1 piece kit
FS KIT2 - 2 piece kit

Steel Swing Out Panels
SBP-1816-USOPK - Complete kit
SBP-1816USP - Panel only
USOPK - Hardware only

Cord Grips
IP68/NEMA 4X/6P rated
See page 74 for more details and part numbers.

Din Rail
DIN 18 - 2 rails, 4 screws

Pole Mounting Kit
PMKG-218 - 2" pole
PMKG-318 - 3" pole
PMKG-418 - 4" pole
PMKG-1218 - 12" pole



Mounting Feet & Flange Kits
MFKG - Premium line feet
MFKSS - Stainless steel feet
MFLK16 - 16" Flange kit

18X16X8 PREMIUM LINE

Features & Benefits

- **Quality material** – bases, opaque covers and clear covers are all made of high-impact, UV resistant polycarbonate.
- **Flexible interior mounting** – features the unique and patented Integra adjustable depth "T-Rail" back panel mounting system (back panel and adjustable brackets sold separately).
- **Wide range** of sizes, configurations and accessories provides capabilities for every application.
- **Brass inserts** – in corner bosses for easy component installation.
- **Standard color** – light gray with a gloss finish.
- **UL-50 / c-UL Listed** (files # E229365, # E207562)

Mounting Feet

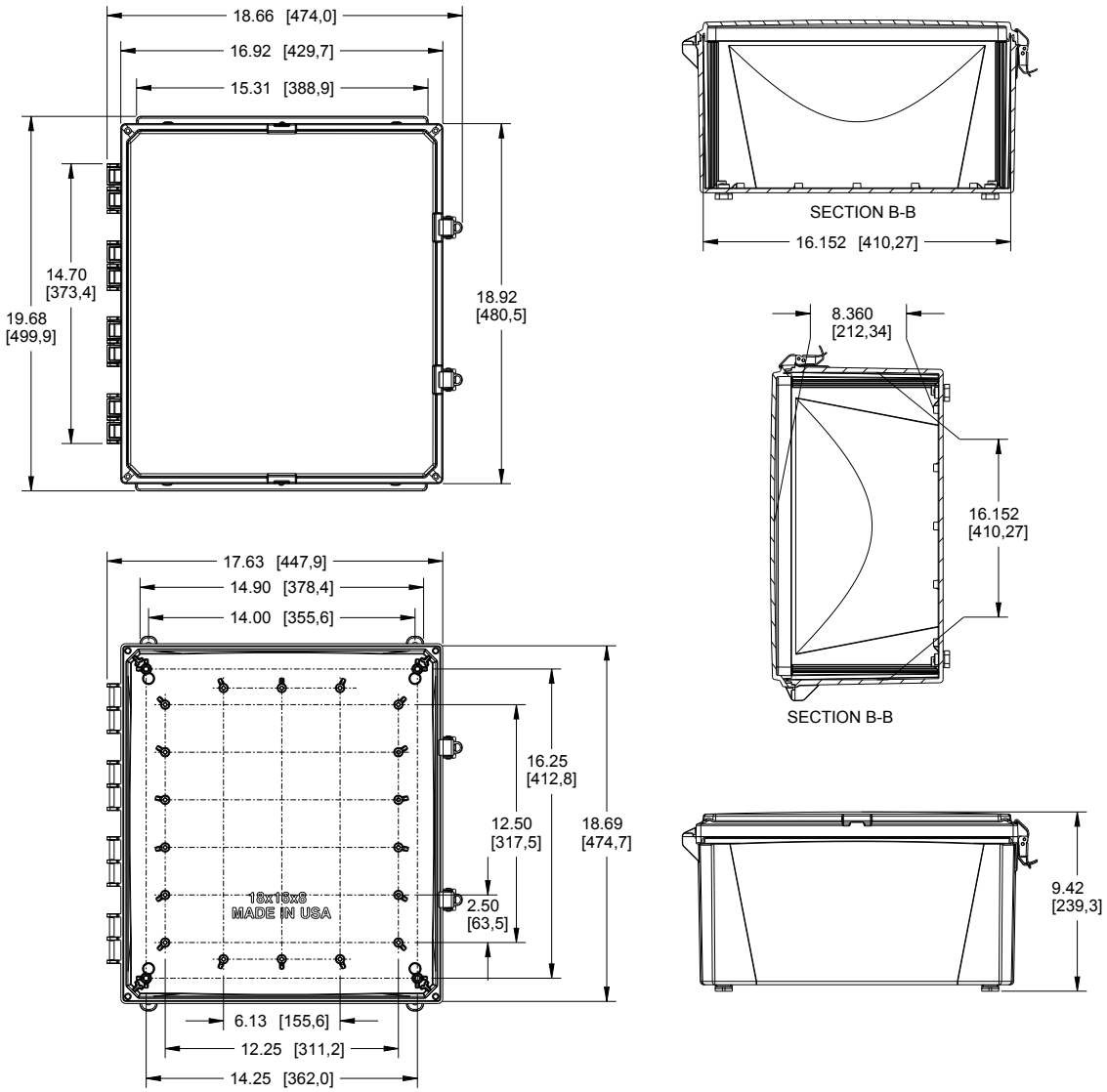
Mounting Flanges

Mechanical & Thermal	Test Spec.	Unit	Rating
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
Flame Rating - UL	UL 94	-	5VA
Outdoor UV Exposure	UL	-	F1

	Part Number	4X IP66	6P IP68	Hinged Cover	Screw Cover	Opaque Cover	Clear Cover	Mounting Feet	Mounting Flange	Stainless Steel Locking Latch	Non-Metallic Locking Latch
	H181608S	✓	✓		✓	✓		✓			
	H181608SC	✓	✓		✓		✓	✓			
	H181608SF	✓	✓		✓	✓			✓		
	H181608SCF	✓	✓		✓		✓		✓		
	H181608H	✓		✓	✓	✓		✓			
	H181608HC	✓		✓	✓		✓	✓			
	H181608HF	✓		✓	✓	✓			✓		
	H181608HCF	✓		✓	✓		✓		✓		
★	H181608HLL	✓		✓		✓		✓		✓	
★	H181608HCLL	✓		✓			✓	✓		✓	
	H181608HFLL	✓		✓		✓			✓	✓	
	H181608HCFLL	✓		✓			✓		✓	✓	
	H181608HNL	✓		✓		✓		✓			✓
	H181608HCNL	✓		✓			✓	✓			✓
	H181608HFNL	✓		✓		✓			✓		✓
	H181608HCFNL	✓		✓			✓		✓		✓
	H181608H-6P	✓	✓	✓	✓	✓		✓			
	H181608HC-6P	✓	✓	✓	✓		✓	✓			
	H181608HF-6P	✓	✓	✓	✓	✓			✓		
	H181608HCF-6P	✓	✓	✓	✓		✓		✓		

★ **POPULAR CONFIGURATIONS:** Most popular configurations are available for *QuickShip*.
Please send requests to customerservice@integraenclosures.com to take advantage of our *QuickShip* option.

18X16X8 PREMIUM LINE



TORQUE SPECIFICATIONS:
Mounting Feet - 1/4"-20 x 0.5" SS countersunk Phillips drive screws (torque limit = 32 in lbs)
Covers/Doors - #10-32 x 0.75" SS pan Phillips drive screws (torque limit = 10 in lbs)
Panels - #10-32 x 0.375' pan Phillips drive screws (torque limit = 10-15 in lbs)

[Bracketed dimensions in mm]

Register online to download detailed drawing files at www.integraenclosures.com

Accessories for 18x16x8 (For complete accessories, see pages 79-83)

Back Panels
ABP1816 - Aluminum panel
SBP1816 - Steel panel
PVCBP1816 - PVC panel

Aluminum Swing Out Panels
ABP-1816-USOPK - Complete kit
ABP-1816USP - Panel only
USOPK - Hardware only

Back Panel Adjustment Kit
BPAKG - Gray, Set Screw
BPAKB - Black, Set Screw
UBPAKG - Gray, Thumb Screw
UBPAKB - Black Thumb Screw

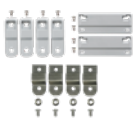
Air Vents / Fan Shrouds
VENT 3 - Aluminum louvered
VENT 2 - Outdoor labyrinth
FS KIT1 - 1 piece kit
FS KIT2 - 2 piece kit

Steel Swing Out Panels
SBP-1816-USOPK - Complete kit
SBP-1816USP - Panel only
USOPK - Hardware only

Cord Grips
IP68/NEMA 4X/6P rated
See page 74 for more details and part numbers.

Din Rail
DIN 16 - 2 rails, 4 screws

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



Mounting Feet & Flange Kits
MFKG - Premium line feet
MFKSS - Stainless steel feet
MFLK16 - 16" Flange kit

18X16X10 PREMIUM SERIES

Features & Benefits

- **Quality material** – bases, opaque covers and clear covers are all made of high-impact, UV resistant polycarbonate.
- **Flexible interior mounting** – features the unique and patented Integra adjustable depth "T-Rail" back panel mounting system (back panel and adjustable brackets sold separately).
- **Wide range** of sizes, configurations and accessories provides capabilities for every application.
- **Brass inserts** – in corner bosses for easy component installation.
- **Standard color** – light gray with a gloss finish.
- **UL-50 / c-UL Listed** (files # E229365, # E207562)

Mounting Feet

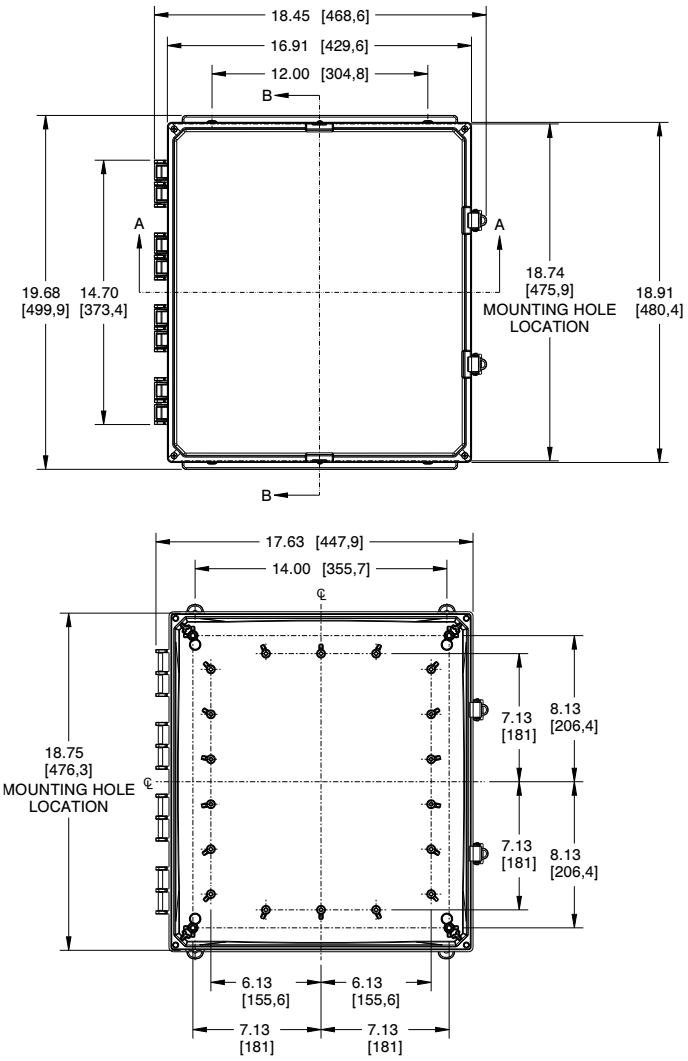
Mounting Flanges

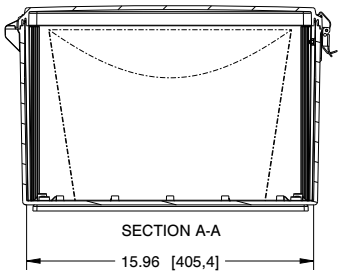
Mechanical & Thermal	Test Spec.	Unit	Rating
Instrumented Dart Impact @ 73° F	-	in-lbs	565
Falling Ball Impact @ 73° F	UL-746	in-lbs	900
Deflection Temperature @ 264 psi	ASTM D648	Deg. F	270
Modulus of Elasticity	ASTM D790	ksi	340
Temperature Range	-	Deg. F	-40 to 265
Flame Rating - UL	UL 94	-	5VA
Outdoor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

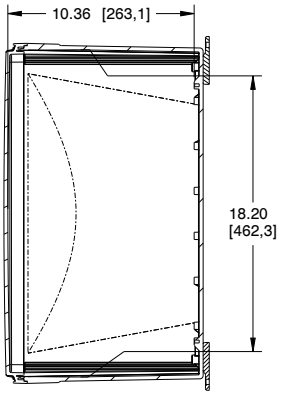
	Part Number	4X IP66	6P IP68	Hinged Cover	Screw Cover	Opaque Cover	Clear Cover	Mounting Feet	Mounting Flange	Stainless Steel Locking Latch	Non-Metallic Locking Latch
	H181610S	✓	✓		✓	✓		✓			
	H181610SC	✓	✓		✓		✓	✓			
	H181610SF	✓	✓		✓	✓			✓		
	H181610SCF	✓	✓		✓		✓		✓		
	H181610H	✓		✓	✓	✓		✓			
	H181610HC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

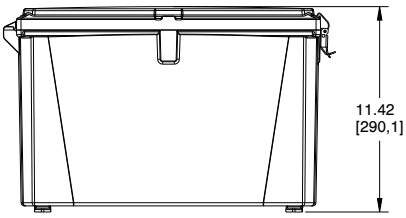
★ **POPULAR CONFIGURATIONS:** Most popular configurations are available for *QuickShip*.
Please send requests to customerservice@integraenclosures.com to take advantage of our *QuickShip* option.

18X16X10 PREMIUM SERIES









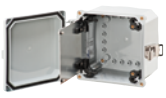
TORQUE SPECIFICATIONS:
Mounting Feet - 1/4"-20 x 0.5" SS countersunk Phillips drive screws (torque limit = 32 in lbs)
Covers/Doors - #10-32 x 0.75" SS pan Phillips drive screws (torque limit = 10 in lbs)
Panels - #10-32 x 0.375" pan Phillips drive screws (torque limit = 10-15 in lbs)

[Bracketed dimensions in mm]

Register online to download detailed drawing files at www.integraenclosures.com

Accessories for 18x16x10 (For complete accessories, see pages 79-83)

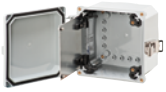
Back Panels
ABP1816 - Aluminum panel
SBP1816 - Steel panel
PVCBP1816 - PVC panel



Aluminum Swing Out Panels
ABP-1816-USOPK - Complete kit
ABP-1816USP - Panel 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 - Aluminum louvered
VENT 2 - Outdoor labyrinth
FS KIT1 - 1 piece kit
FS KIT2 - 2 piece kit

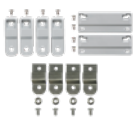


Steel Swing Out Panels
SBP-1816-USOPK - Complete kit
SBP-1816USP - Panel only
USOPK - Hardware only

Cord Grips
IP68/NEMA 4X/6P rated
See page 74 for more details and part numbers.

Din Rail
DIN 16 - 2 rails, 4 screws

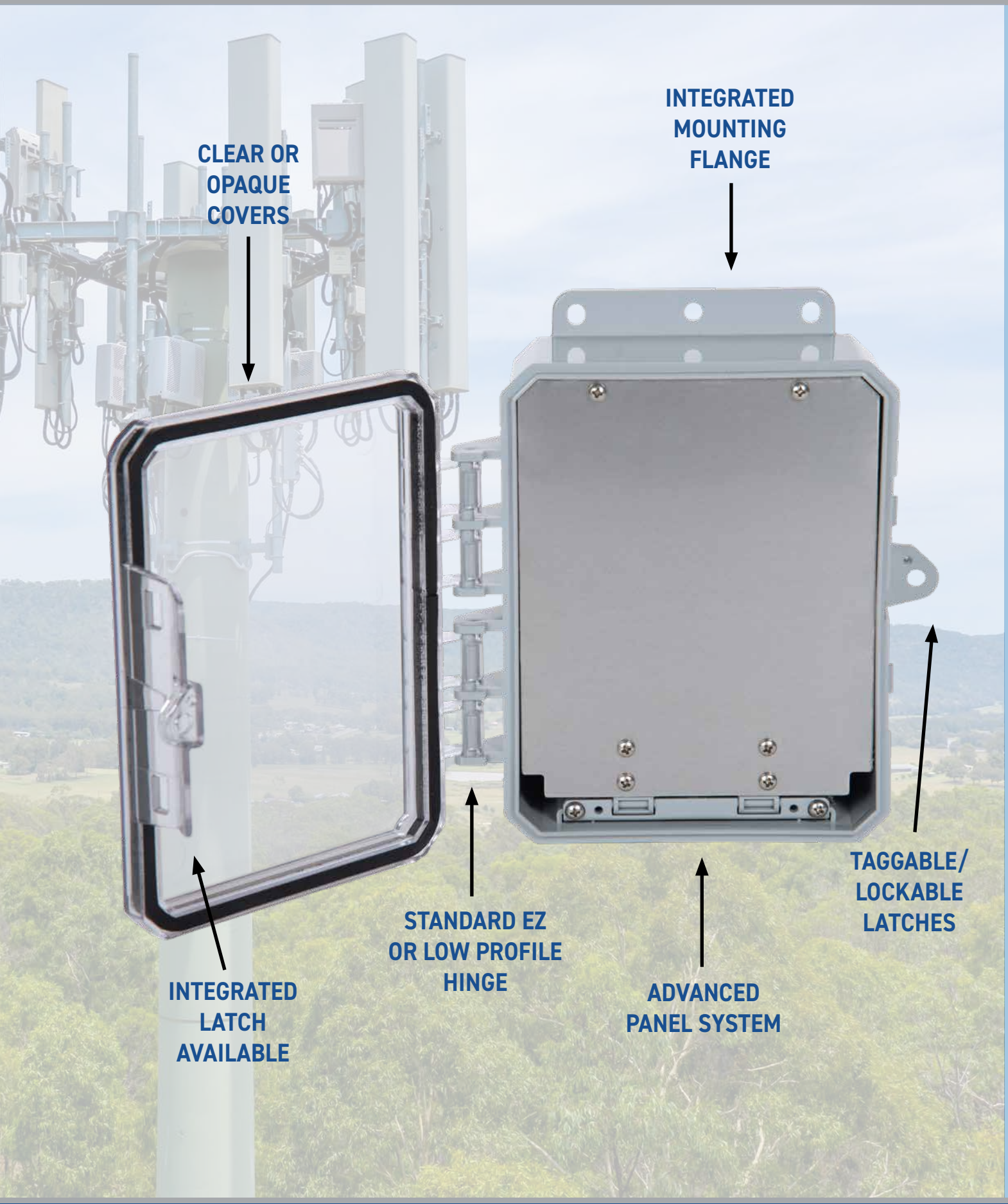
Pole Mounting Kit
PMKG-216 - 2" pole
PMKG-316 - 3" pole
PMKG-416 - 4" pole
PMKG-1216 - 12" pole



Mounting Feet & Flange Kits
MFKG - Premium line feet
MFKSS - Stainless steel feet
MFLK16 - 16" Flange kit

IMPACT® SERIES 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 Impact series 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.
- **EZ Hinge or Low Profile Hinge**
  Integra's standard EZ hinges allow easy door removal or replacement while permitting a full 225-degree door swing. The new low profile hinge is not removable but provides a cleaner look to the enclosure.
- **Integrated Flanges**
  All Impact® series enclosures have mounting flanges moulded directly into the base. This offers a cleaner design and saves you time on installation.
- **100% Metal Free**
  Our integrated or nonmetallic latch options, along with our trademarked EZ hinge, offers a 100% metal free enclosure, which is ideal for housing radio signal or wifi devices.
- **Advanced Face Plate System**
  Easy to install face plates and swing panels allow you to maximize your enclosure space, and save time doing it! (not available on 9x8x2)
- **Molded in Mounting Bosses**
  All of the Impact® line enclosures have extra mounting bosses molded into the rear wall to permit #8 (for 4x4x3 to 8x6x3) and #10 (for 9x8x2 to 10x8x6) self -tapping screws to secure din rail, circuit board, or any other device or component into the enclosure.
- **Multiple Latch Options**
  Impact® series enclosures have an integrated latch option that is moulded directly into the lid for easy use and NEMA 6P rating. You can also choose Integra's non-metallic or stainless steel locking 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.


CLEAR OR OPAQUE COVERS
INTEGRATED MOUNTING FLANGE
INTEGRATED LATCH AVAILABLE
STANDARD EZ OR LOW PROFILE HINGE
ADVANCED PANEL SYSTEM
TAGGABLE/ LOCKABLE LATCHES

4X4X3 IMPACT® LINE

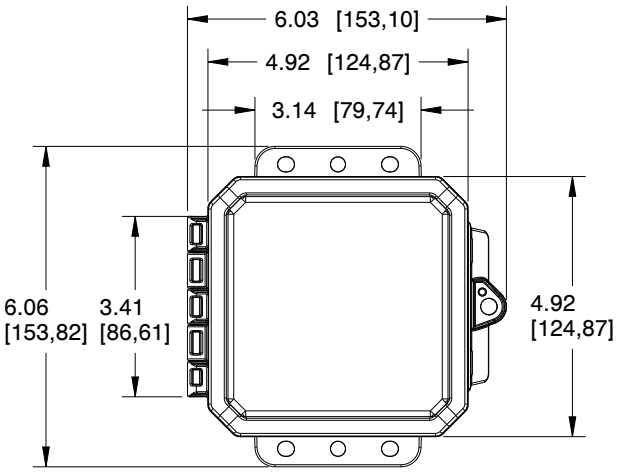
Features & Benefits

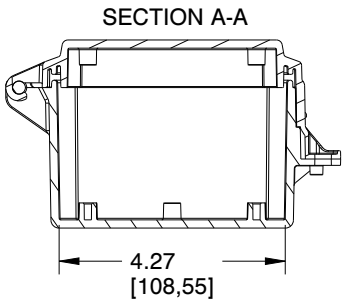
- **Quality material** – bases, opaque covers and clear covers are all made of high-impact, UV resistant polycarbonate.
- **Frequency friendly** – 100% metal free configurations available which is extremely favorable for sending and receiving wireless signals.
- **Easy installation** – with molded mounting flanges, so no extra hardware is 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.
- **Standard color** – light gray with a gloss finish.
- **UL-50 / c-UL Listed** (file # E207562)

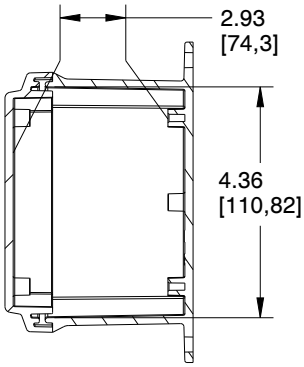
Mechanical & Thermal	Test Spec.	Unit	Rating
Instrumented Dart Impact @ 73° F	-	in-lbs	565
Falling Ball Impact @ 73° F	UL-746	in-lbs	900
Deflection Temperature @ 264 psi	ASTM D648	Deg. F	270
Modulus of Elasticity	ASTM D790	ksi	340
Temperature Range	-	Deg. F	-40 to 265
Flame Rating - UL	UL 94	-	5VA
Outdoor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

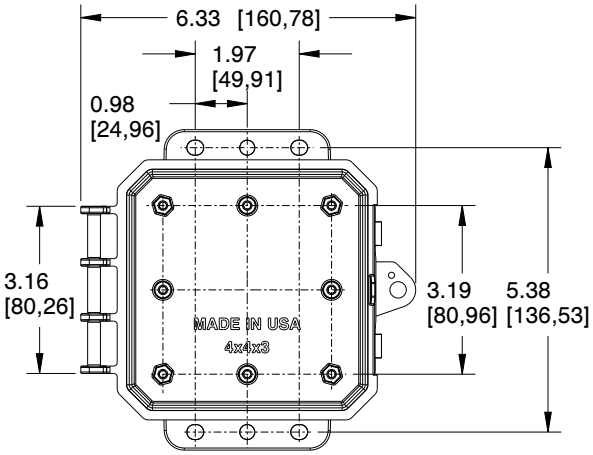
	Part Number	4X IP66	6P IP68	Standard Hinge	Low Profile Hinge	Opaque Cover	Clear Cover	Integrated Mounting Flange	Integrated Locking Latch	Stainless Steel Locking Latch	Non-Metallic Locking Latch
★	P4043	✓	✓	✓		✓		✓	✓		
★	P4043C	✓	✓	✓			✓	✓	✓		
	P4043LL	✓				✓		✓		✓	
	P4043CLL	✓					✓	✓		✓	
	P4043LP	✓	✓		✓	✓		✓	✓		
	P4043LPC	✓	✓		✓		✓	✓	✓		
	P4043LPLL	✓			✓	✓		✓		✓	
	P4043LPCLL	✓			✓		✓	✓		✓	
	P4043NL	✓		✓		✓		✓			✓
	P4043CNL	✓		✓			✓	✓			✓
	P4043LPNL	✓			✓	✓		✓			✓
	P4043LPCNL	✓			✓		✓	✓			✓

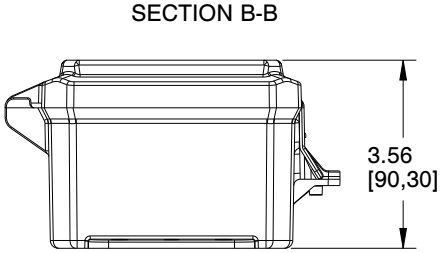
★ **POPULAR CONFIGURATIONS:** Most popular configurations are available for *QuickShip*.
Please send requests to customerservice@integraenclosures.com to take advantage of our *QuickShip* option.











[Bracketed dimensions in mm]

Register online to download detailed drawing files at www.integraenclosures.com

TORQUE SPECIFICATIONS:
Panels - #8 thread cutter pan head 18-8 SS (torque limit = 8 in lbs)

Accessories for 4x4x3 (For complete accessories, see pages 84-87)

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

Aluminum Face Plate System
AFPK44-IMP - Aluminum face plate and FPSK-44 mounting kit
AFP44-IMP - Aluminum face panel 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
SFPK44-IMP - Steel face plate and FPSK-44 mounting kit
SFP44-IMP - Steel face panel only

Hole Plugs
Liquid tight thru plugs
IP67 andUL rated
See page 74 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 74 for more details.

5X5X3 IMPACT® SERIES

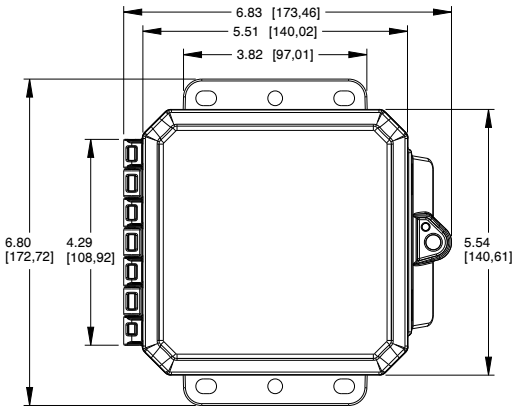
Features & Benefits

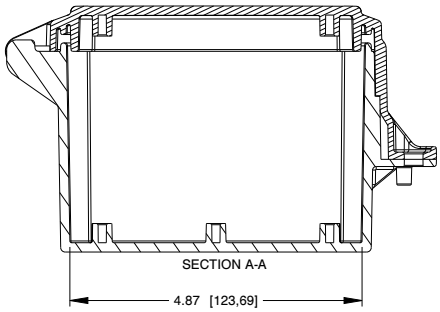
- **Quality material** – bases, opaque covers and clear covers are all made of high-impact, UV resistant polycarbonate.
- **Frequency friendly** – 100% metal free configurations available which is extremely favorable for sending and receiving wireless signals.
- **Easy installation** – with molded mounting flanges, so no extra hardware is 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.
- **Standard color** – light gray with a gloss finish.
- **UL-50 / c-UL Listed** (file # E207562)

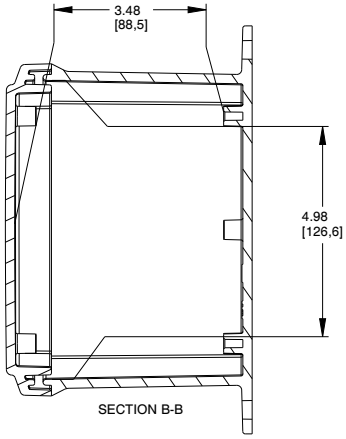
Mechanical & Thermal	Test Spec.	Unit	Rating
Instrumented Dart Impact @ 73° F	-	in-lbs	565
Falling Ball Impact @ 73° F	UL-746	in-lbs	900
Deflection Temperature @ 264 psi	ASTM D648	Deg. F	270
Modulus of Elasticity	ASTM D790	ksi	340
Temperature Range	-	Deg. F	-40 to 265
Flame Rating - UL	UL 94	-	5VA
Outdoor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

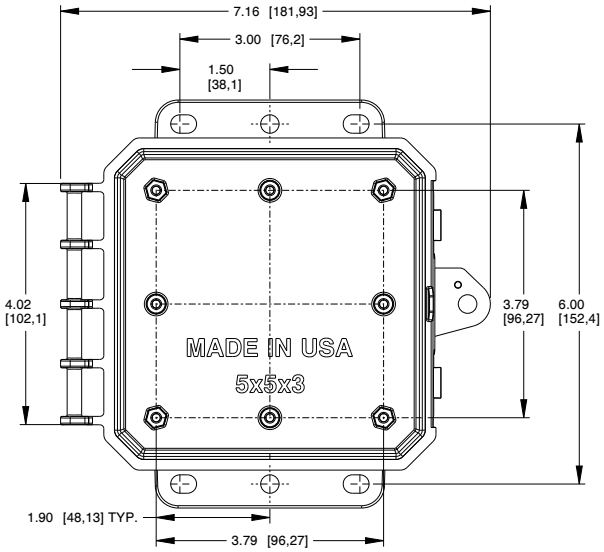
	Part Number	4X IP66	6P IP68	Standard Hinge	Low Profile Hinge	Opaque Cover	Clear Cover	Integrated Mounting Flange	Integrated Locking Latch	Stainless Steel Locking Latch	Non-Metallic Locking Latch
★	P5053	✓	✓	✓		✓		✓	✓		
★	P5053C	✓	✓	✓			✓	✓	✓		
	P5053LL	✓				✓		✓		✓	
	P5053CLL	✓					✓	✓		✓	
	P5053LP	✓	✓		✓	✓		✓	✓		
	P5053LPC	✓	✓		✓		✓	✓	✓		
	P5053LPLL	✓			✓	✓		✓		✓	
	P5053LPCLL	✓			✓		✓	✓		✓	
	P5053NL	✓		✓		✓		✓			✓
	P5053CNL	✓		✓			✓	✓			✓
	P5053LPNL	✓			✓	✓		✓			✓
	P5053LPCNL	✓			✓		✓	✓			✓

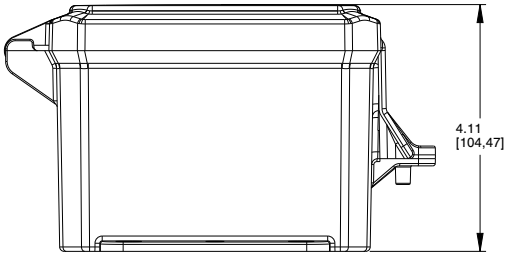
★ **POPULAR CONFIGURATIONS:** Most popular configurations are available for *QuickShip*.
Please send requests to customerservice@integraenclosures.com to take advantage of our *QuickShip* option.











[Bracketed dimensions in mm]

Register online to download detailed drawing files at www.integraenclosures.com

TORQUE SPECIFICATIONS:
Panels - #8 thread cutter pan head 18-8 SS (torque limit = 8 in lbs)

Accessories for 5x5x3 (For complete accessories, see pages 84-87)

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

Aluminum Face Plate System
AFPK55-IMP - Aluminum face plate and FPSK-55 mounting kit
AFP55-IMP - Aluminum face panel 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
SFPK55-IMP - Steel face plate and FPSK-55 mounting kit
SFP55-IMP - Steel face panel only

Hole Plugs
Liquid tight thru plugs
IP67 and UL rated
See page 74 for more details.

Din Rail
DIN 5-IMP - 2 rails, 4 screws

Pole Mounting Kit
PMKG-25-IMP - 2" pole
PMKG-35-IMP - 3" pole
PMKG-45-IMP - 4" pole
PMKG-125-IMP - 12" pole

Cord Grips
IP68/NEMA 4X/6P rated
See page 74 for more details.

6X4X4 IMPACT® SERIES

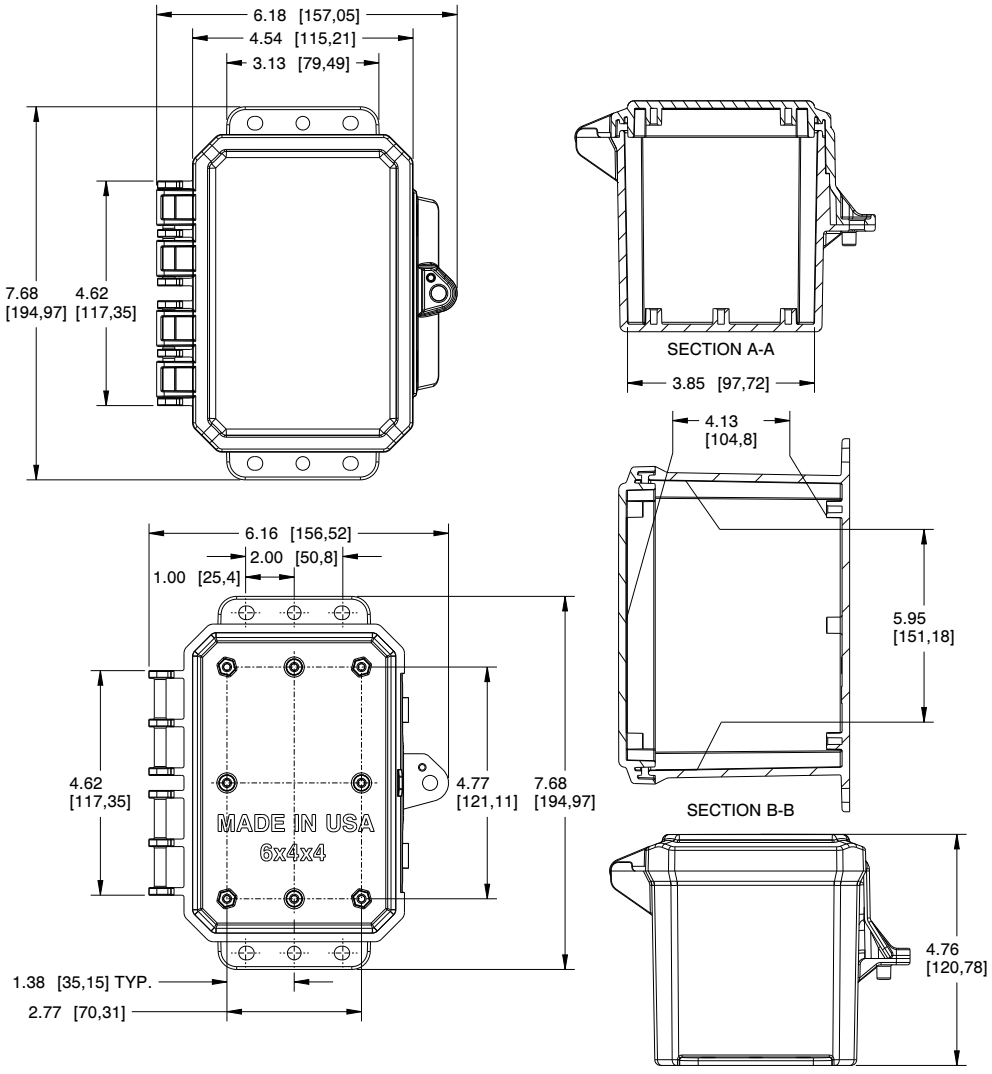
Features & Benefits

- **Quality material** – bases, opaque covers and clear covers are all made of high-impact, UV resistant polycarbonate.
- **Frequency friendly** – 100% metal free configurations available which is extremely favorable for sending and receiving wireless signals.
- **Easy installation** – with molded mounting flanges, so no extra hardware is 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.
- **Standard color** – light gray with a gloss finish.
- **UL-50 / c-UL Listed** (file # E207562)

Mechanical & Thermal	Test Spec.	Unit	Rating
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
Flame Rating - UL	UL 94	-	5VA
Outdoor UV Exposure	UL	-	F1

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

★ **POPULAR CONFIGURATIONS:** Most popular configurations are available for *QuickShip*.
Please send requests to customerservice@integraenclosures.com to take advantage of our *QuickShip* option.



[Bracketed dimensions in mm]

Register online to download detailed drawing files at www.integraenclosures.com

TORQUE SPECIFICATIONS:
Panels - #8 thread cutter pan head 18-8 SS (torque limit = 8 in lbs)

Accessories for 6x4x4 (For complete accessories, see pages 84-87)

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-64 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-64 mounting kit
SFP64-IMP - Steel face panel only

Hole Plugs
Liquid tight thru plugs
IP67 and UL rated
See page 74 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 74 for more details.

6X6X3 IMPACT® SERIES

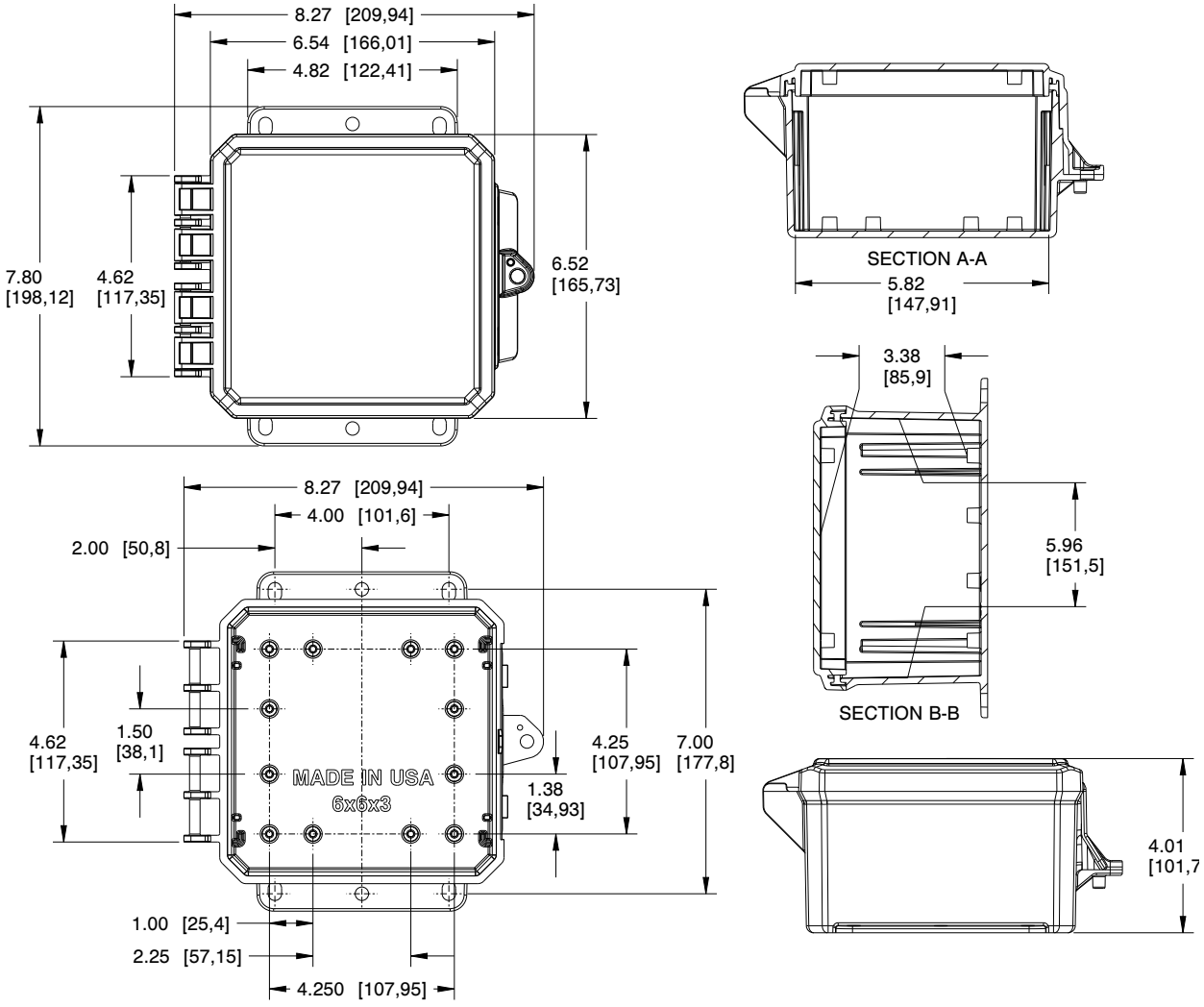
Features & Benefits

- **Quality material** – bases, opaque covers and clear covers are all made of high-impact, UV resistant polycarbonate.
- **Frequency friendly** – 100% metal free configurations available which is extremely favorable for sending and receiving wireless signals.
- **Advanced face plate system** – bosses on rear wall and lid of opaque enclosure provide multiple mounting options for DIN rail, back panels, and other components.
- **Easy installation** – with molded mounting flanges, so no extra hardware is 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.
- **Standard color** – light gray with a gloss finish.
- **UL-50 / c-UL Listed** (file # E207562)

Mechanical & Thermal	Test Spec.	Unit	Rating
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
Flame Rating - UL	UL 94	-	5VA
Outdoor UV Exposure	UL	-	F1

	Part Number	4X IP66	6P IP68	Standard Hinge	Low Profile Hinge	Opaque Cover	Clear Cover	Integrated Mounting Flange	Integrated Locking Latch	Stainless Steel Locking Latch	Non-Metallic Locking Latch
★	P6063	✓	✓	✓		✓		✓	✓		
★	P6063C	✓	✓	✓			✓	✓	✓		
	P6063LL	✓				✓		✓		✓	
	P6063CLL	✓					✓	✓		✓	
	P6063LP	✓	✓		✓	✓		✓	✓		
	P6063LPC	✓	✓		✓		✓	✓	✓		
	P6063LPLL	✓			✓	✓		✓		✓	
	P6063LPCLL	✓			✓		✓	✓		✓	
	P6063NL	✓		✓		✓		✓			✓
	P6063CNL	✓		✓			✓	✓			✓
	P6063LPNL	✓			✓	✓		✓			✓
	P6063LPCNL	✓			✓		✓	✓			✓

★ **POPULAR CONFIGURATIONS:** Most popular configurations are available for *QuickShip*.
Please send requests to customerservice@integraenclosures.com to take advantage of our *QuickShip* option.



[Bracketed dimensions in mm]

Register online to download detailed drawing files at www.integraenclosures.com

TORQUE SPECIFICATIONS:
Panels - #8 thread cutter pan head 18-8 SS (torque limit = 8 in lbs)

Accessories for 6x6x3 (For complete accessories, see pages 84-87)

Back Panels
ABP66-IMP - Aluminum panel
SBP66-IMP - Steel panel
PVCBP66-IMP - PVC panel

Aluminum Swing Out System
ASWPK66-IMP - Aluminum swing panel and SOPK-IMP mounting kit
ASWP66-IMP - Aluminum panel only
SOPK66-86-IMP - Rigid brackets, pivot bracket & self-tapping screws

Aluminum Face Plate System
AFPK66-IMP - Aluminum face plate and SOPK-IMP mounting kit
AFP66-IMP - Aluminum panel only
SOPK66-86-IMP - Rigid brackets, pivot bracket & self-tapping screws

Air Vents
VENT 3 - Aluminum louvered
VENT 2 - Outdoor labyrinth

Steel Swing Out System
SSWPK66-IMP Steel swing panel and SOPK-IMP mounting kit
SSWP66-IMP - Steel panel only
SOPK66-86-IMP - Rigid brackets, pivot bracket & self-tapping screws

Steel Face Plate System
SFPK66-IMP - Steel face plate and SOPK-IMP mounting kit
SFP66-IMP - Steel panel only
SOPK66-86-IMP - Rigid brackets, pivot bracket & 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 74 for more details.

8X6X3 IMPACT® SERIES

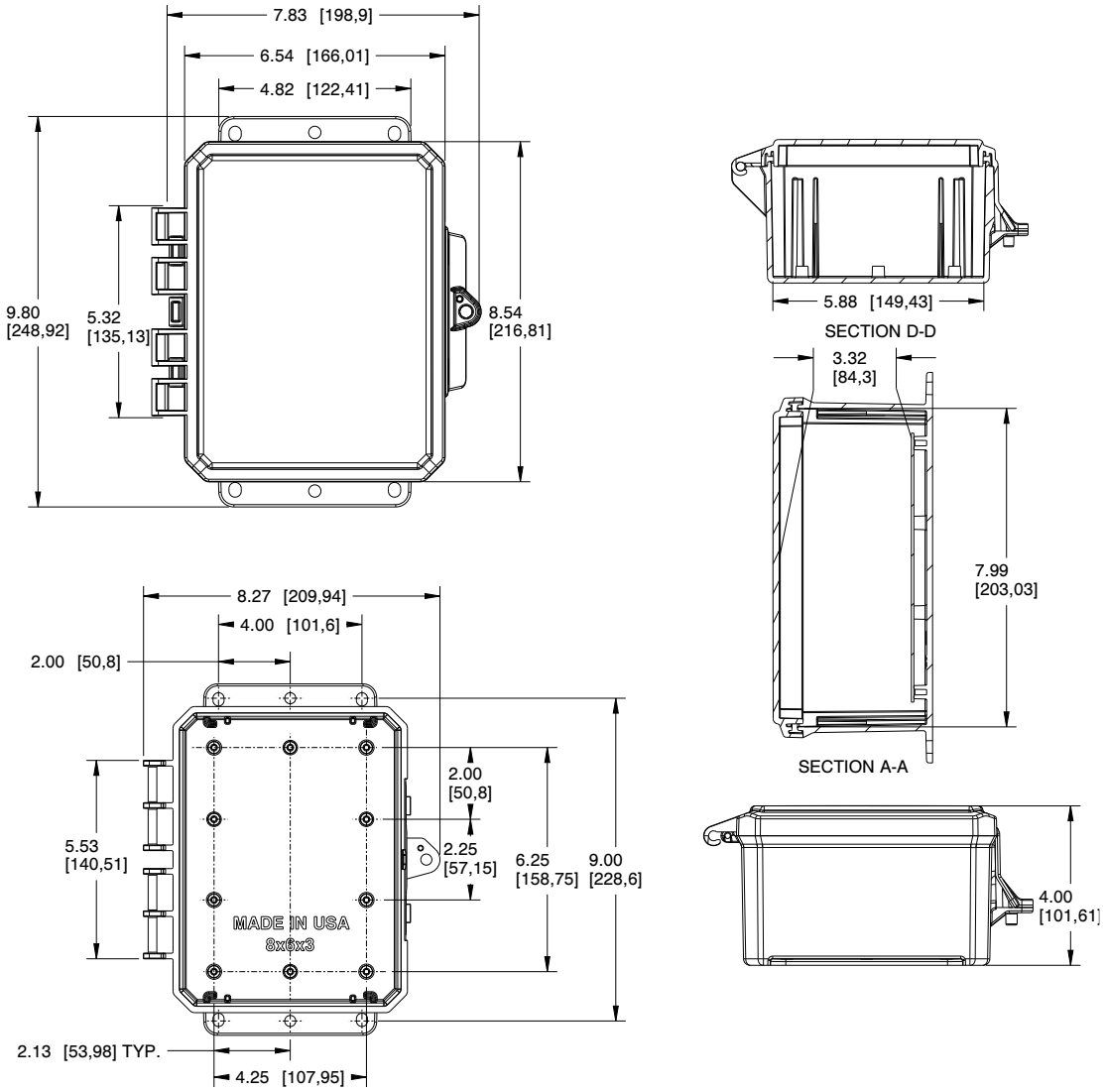
Features & Benefits

- **Quality material** – bases, opaque covers and clear covers are all made of high-impact, UV resistant polycarbonate.
- **Frequency friendly** – 100% metal free configurations available which is extremely favorable for sending and receiving wireless signals.
- **Advanced face plate system** – bosses on rear wall and lid of opaque enclosure provide multiple mounting options for DIN rail, back panels, and other components.
- **Easy installation** – with molded mounting flanges, so no extra hardware is 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.
- **Standard color** – light gray with a gloss finish.
- **UL-50 / c-UL Listed** (file # E207562)

Mechanical & Thermal	Test Spec.	Unit	Rating
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
Flame Rating - UL	UL 94	-	5VA
Outdoor UV Exposure	UL	-	F1

	Part Number	4X IP66	6P IP68	Standard Hinge	Low Profile Hinge	Opaque Cover	Clear Cover	Integrated Mounting Flange	Integrated Locking Latch	Stainless Steel Locking Latch	Non-Metallic Locking Latch
★	P8063	✓	✓	✓		✓		✓	✓		
★	P8063C	✓	✓	✓			✓	✓	✓		
	P8063LL	✓				✓		✓		✓	
	P8063CLL	✓					✓	✓		✓	
	P8063LP	✓	✓		✓	✓		✓	✓		
	P8063LPC	✓	✓		✓		✓	✓	✓		
	P8063LPLL	✓			✓	✓		✓		✓	
	P8063LPCLL	✓			✓		✓	✓		✓	
	P8063NL	✓		✓		✓		✓			✓
	P8063CNL	✓		✓			✓	✓			✓
	P8063LPNL	✓			✓	✓		✓			✓
	P8063LPCNL	✓			✓		✓	✓			✓

★ **POPULAR CONFIGURATIONS:** Most popular configurations are available for *QuickShip*.
Please send requests to customerservice@integraenclosures.com to take advantage of our *QuickShip* option.



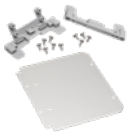
[Bracketed dimensions in mm]

Register online to download detailed drawing files at www.integraenclosures.com

TORQUE SPECIFICATIONS:
Panels - #8 thread cutter pan head 18-8 SS (torque limit = 8 in lbs)

Accessories for 8x6x3 (For complete accessories, see pages 84-87)

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



Aluminum Swing Out System
ASWPK86-IMP - Aluminum swing panel and SOPK-IMP mounting kit
ASWP86-IMP - Aluminum panel only
SOPK66-86-IMP - Rigid brackets, pivot bracket & self-tapping screws

Aluminum Face Plate System
AFPK86-IMP - Aluminum face plate and SOPK-IMP mounting kit
AFP86-IMP - Aluminum panel only
SOPK66-86-IMP - Rigid brackets, pivot bracket & self-tapping screws

Air Vents
VENT 3 - Aluminum louvered
VENT 2 - Outdoor labyrinth

Steel Swing Out System
SSWPK86-IMP Steel swing panel and SOPK-IMP mounting kit
SSWP86-IMP - Steel panel only
SOPK66-86-IMP - Rigid brackets, pivot bracket & self-tapping screws

Steel Face Plate System
SFPK86-IMP - Steel face plate and SOPK-IMP mounting kit
SFP86-IMP - Steel panel only
SOPK66-86-IMP - Rigid brackets, pivot bracket & 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 74 for more details.

9X8X2 IMPACT® SERIES

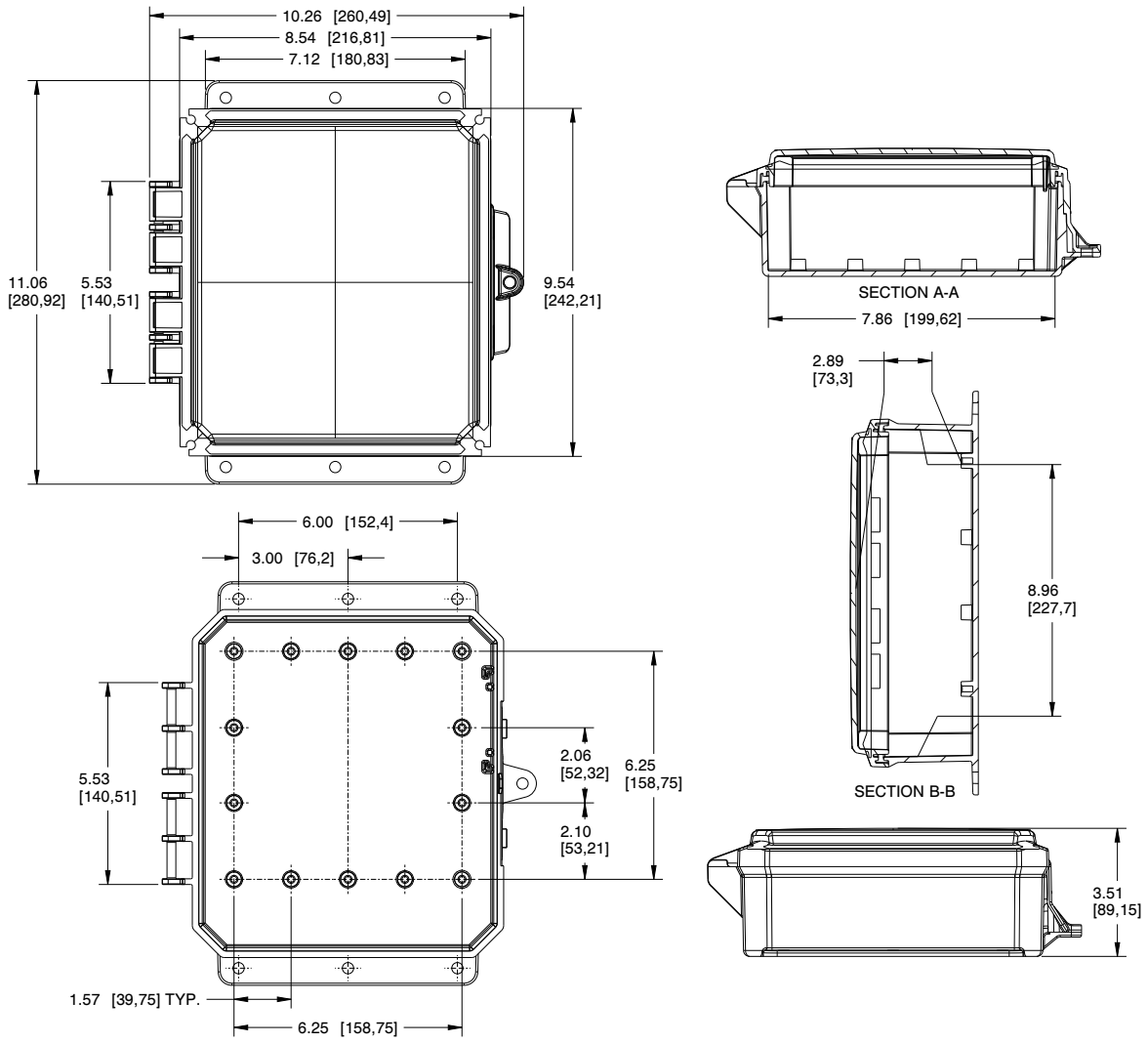
Features & Benefits

- **Quality material** – bases, opaque covers and clear covers are all made of high-impact, UV resistant polycarbonate.
- **Frequency friendly** – 100% metal free configurations available which is extremely favorable for sending and receiving wireless signals.
- **Integrated Latch** – Locking latch is molded into the cover, creating a complete, NEMA 6P enclosure with no additional hardware needed.
- **Easy installation** – with molded mounting flanges, so no extra hardware is 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.
- **Standard color** – light gray with a gloss finish.
- **UL-50 / c-UL Listed** (file # E207562)

Mechanical & Thermal	Test Spec.	Unit	Rating
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
Flame Rating - UL	UL 94	-	5VA
Outdoor UV Exposure	UL	-	F1

	Part Number	4X IP66	6P IP68	Standard Hinge	Low Profile Hinge	Opaque Cover	Clear Cover	Integrated Mounting Flange	Integrated Locking Latch	Stainless Steel Locking Latch	Non-Metallic Locking Latch
★	P9082	✓	✓	✓		✓		✓	✓		
★	P9082C	✓	✓	✓			✓	✓	✓		

★ **POPULAR CONFIGURATIONS:** Most popular configurations are available for *QuickShip*.
Please send requests to customerservice@integraenclosures.com to take advantage of our *QuickShip* option.



[Bracketed dimensions in mm]

Register online to download detailed drawing files at www.integraenclosures.com

TORQUE SPECIFICATIONS:
Panels - #10 thread cutter pan head 18-8 SS (torque limit = 10 in lbs)

Accessories for 9x8x2 (For complete accessories, see pages 84-87)

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

Din Rail
DIN 6-IMP - 2 rails, 4 screws

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

Air Vents
VENT 3 - Aluminum louvered
VENT 2 - Outdoor labyrinth

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 74 for more details and part numbers

10X8X4 IMPACT® SERIES

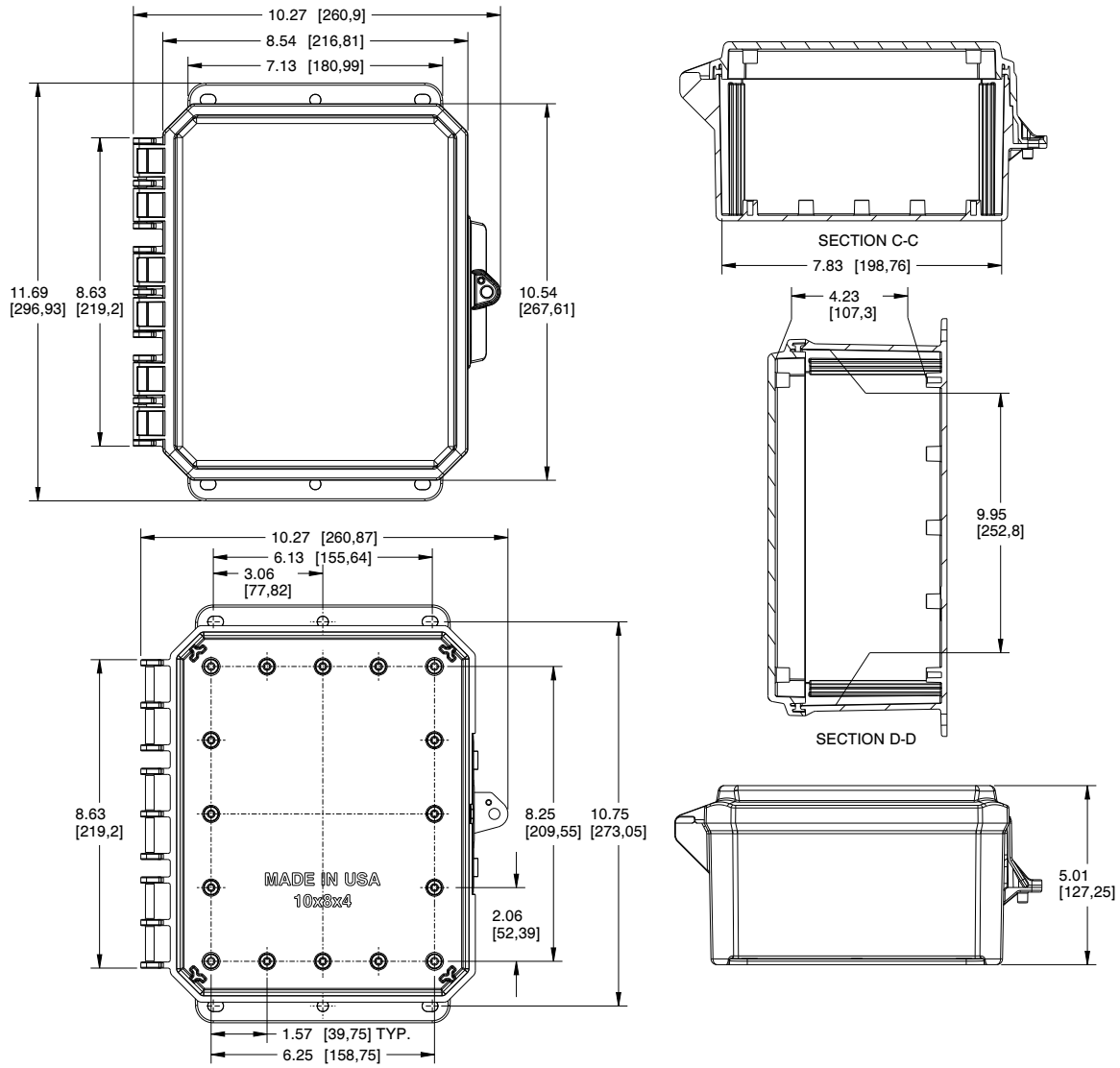
Features & Benefits

- **Quality material** – bases, opaque covers and clear covers are all made of high-impact, UV resistant polycarbonate.
- **Frequency friendly** – 100% metal free configurations available which is extremely favorable for sending and receiving wireless signals.
- **Easy installation** – with molded mounting flanges, so no extra hardware is 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.
- **Standard color** – light gray with a gloss finish.
- **UL-50 / c-UL Listed** (file # E207562)

Mechanical & Thermal	Test Spec.	Unit	Rating
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
Flame Rating - UL	UL 94	-	5VA
Outdoor UV Exposure	UL	-	F1

	Part Number	4X IP66	6P IP68	Standard Hinge	Low Profile Hinge	Opaque Cover	Clear Cover	Integrated Mounting Flange	Integrated Locking Latch	Stainless Steel Locking Latch	Non-Metallic Locking Latch
★	P10084	✓	✓	✓		✓		✓	✓		
★	P10084C	✓	✓	✓			✓	✓	✓		
	P10084LL	✓				✓		✓		✓	
	P10084CLL	✓					✓	✓		✓	
	P10084LP	✓	✓		✓	✓		✓	✓		
	P10084LPC	✓	✓		✓		✓	✓	✓		
	P10084LPLL	✓			✓	✓		✓		✓	
	P10084LPCLL	✓			✓		✓	✓		✓	
	P10084NL	✓		✓		✓		✓			✓
	P10084CNL	✓		✓			✓	✓			✓
	P10084LPNL	✓			✓	✓		✓			✓
	P10084LPCNL	✓			✓		✓	✓			✓

★ **POPULAR CONFIGURATIONS:** Most popular configurations are available for *QuickShip*.
Please send requests to customerservice@integraenclosures.com to take advantage of our *QuickShip* option.



[Bracketed dimensions in mm]

Register online to download detailed drawing files at www.integraenclosures.com

TORQUE SPECIFICATIONS:
Panels - #10 thread cutter pan head 18-8 SS (torque limit = 10 in lbs)

Accessories for 10x8x4 (For complete accessories, see pages 84-87)

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

Aluminum Swing Out System
ABP-108-USOPK - Complete panel kit
ABP-108USP - Aluminum swing out panel 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 panel 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 74 for more details.

10X8X6 IMPACT® SERIES

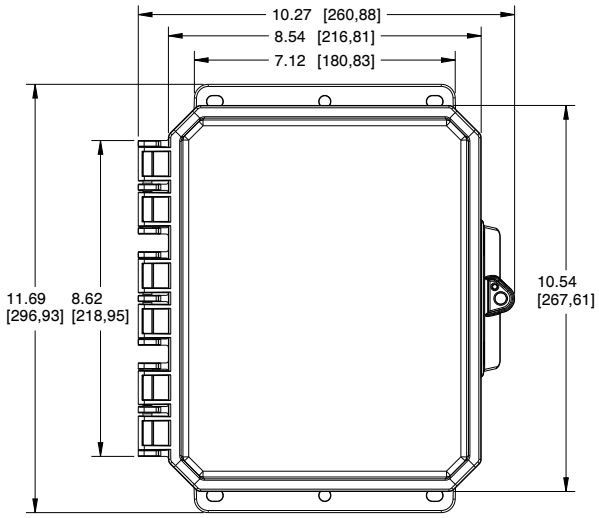
Features & Benefits

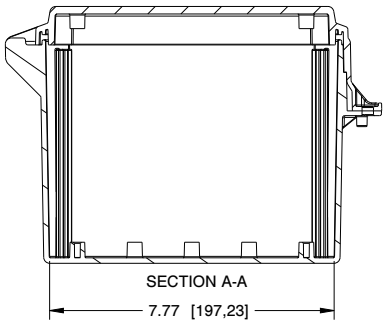
- **Quality material** – bases, opaque covers and clear covers are all made of high-impact, UV resistant polycarbonate.
- **Frequency friendly** – 100% metal free configurations available which is extremely favorable for sending and receiving wireless signals.
- **Easy installation** – with molded mounting flanges, so no extra hardware is 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.
- **Standard color** – light gray with a gloss finish.
- **UL-50 / c-UL Listed** (file # E207562)

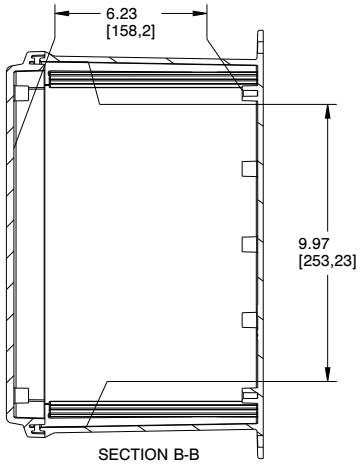
Mechanical & Thermal	Test Spec.	Unit	Rating
Instrumented Dart Impact @ 73° F	-	in-lbs	565
Falling Ball Impact @ 73° F	UL-746	in-lbs	900
Deflection Temperature @ 264 psi	ASTM D648	Deg. F	270
Modulus of Elasticity	ASTM D790	ksi	340
Temperature Range	-	Deg. F	-40 to 265
Flame Rating - UL	UL 94	-	5VA
Outdoor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

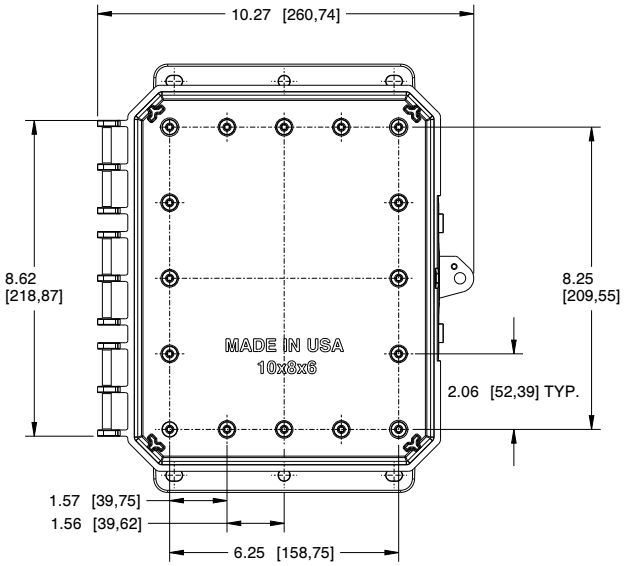
	Part Number	4X IP66	6P IP68	Standard Hinge	Low Profile Hinge	Opaque Cover	Clear Cover	Integrated Mounting Flange	Integrated Locking Latch	Stainless Steel Locking Latch	Non-Metallic Locking Latch
★	P10086	✓	✓	✓		✓		✓	✓		
★	P10086C	✓	✓	✓			✓	✓	✓		
	P10086LL	✓				✓		✓		✓	
	P10086CLL	✓					✓	✓		✓	
	P10086LP	✓	✓		✓	✓		✓	✓		
	P10086LPC	✓	✓		✓		✓	✓	✓		
	P10086LPLL	✓			✓	✓		✓		✓	
	P10086LPCLL	✓			✓		✓	✓		✓	
	P10086NL	✓		✓		✓		✓			✓
	P10086CNL	✓		✓			✓	✓			✓
	P10086LPNL	✓			✓	✓		✓			✓
	P10086LPCNL	✓			✓		✓	✓			✓

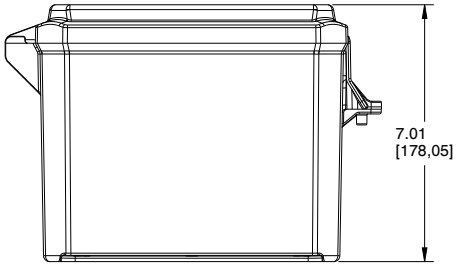
★ **POPULAR CONFIGURATIONS:** Most popular configurations are available for *QuickShip*.
Please send requests to customerservice@integraenclosures.com to take advantage of our *QuickShip* option.











[Bracketed dimensions in mm]

TORQUE SPECIFICATIONS:
Panels - #8 thread cutter pan head 18-8 SS (torque limit = 8 in lbs)

Register online to download detailed drawing files at www.integraenclosures.com

Accessories for 10x8x6 (For complete accessories, see pages 84-87)

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

Aluminum Swing Out System
ABP-108-USOPK - Complete panel kit
ABP-108USP - Aluminum swing out panel 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 panel 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

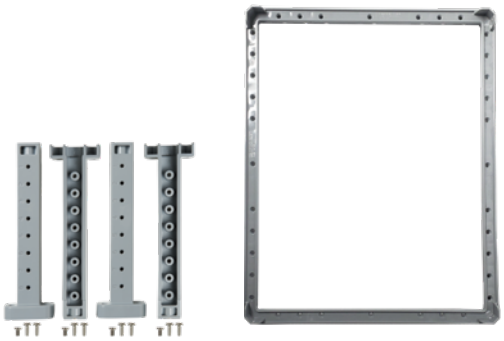
Cord Grips
IP68/NEMA 4X/6P rated
See page 74 for more details.

GENESIS SERIES OVERVIEW

- **900 in-lbs Impact Resistance**
  Polycarbonate is known for its high impact resistance, making it an ideal choice for outdoor 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.

CONTINUOUS
PIANO HINGE
EXTRA
MOUNTING
BOSSES
TAGGABLE/
LOCKABLE
LATCH
MULTIMAX
STIFFENER
FRAME
MULTIMAX
SIDE RAILS

20X16X8 GENESIS SERIES



Multi-Max Rails & Stiffener Frame
Not included with E part numbers

Features & Benefits

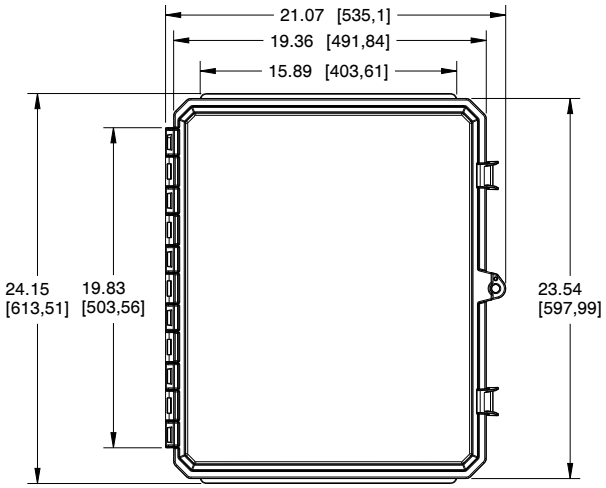
- **Quality material** – bases, opaque covers and clear covers are all made of high-impact, UV resistant polycarbonate.
- **Full hinge** – sturdy, full length piano hinged door
- **Multi-Max Rail Mounting System®** – maximize your enclosure space with full three-dimensional mounting capabilities.
- **Rigid construction** – unique, internal Multi-Max frame provides additional strength.
- **Extra mounting bosses** – brass inserts on rear wall of enclosure and on lid for more mounting options.
- **Integrated flange** – mounting flanges moulded into base, eliminating the need for extra hardware.
- **Multiple latch options** – non-metallic, quarter turn or three-point latch configurations
- **UL/ c-UL-50 listed** (File # E207562)

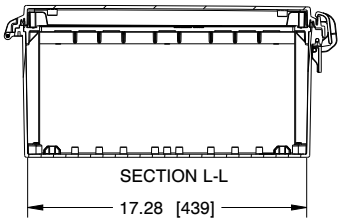
Mechanical & Thermal	Test Spec.	Unit	Rating
Instrumented Dart Impact @ 73° F	-	in-lbs	565
Falling Ball Impact @ 73° F	UL-746	in-lbs	900
Deflection Temperature @ 264 psi	ASTM D648	Deg. F	270
Modulus of Elasticity	ASTM D790	ksi	340
Temperature Range	-	Deg. F	-40 to 265
Flame Rating - UL	UL 94	-	5VA
Outdoor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

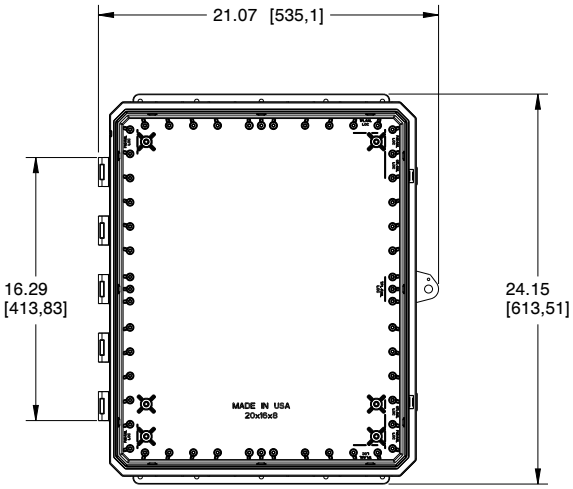
	Part Number	4X IP66	6P IP68	Piano Hinge	Opaque Cover	Clear Cover	Integrated Mounting Flange	Non-Metallic Locking Latch	3-Point Latch	1/4 Turn Latch	Multi-Max Rail System
★	G201608	✓	✓	✓	✓		✓	✓			✓
★	G201608C	✓	✓	✓		✓	✓	✓			✓
	G201608TPL	✓		✓	✓		✓		✓		✓
	G201608CTPL	✓		✓		✓	✓		✓		✓
	G201608QTL	✓		✓	✓		✓			✓	✓
	G201608CQTL	✓		✓		✓	✓			✓	✓
	G201608E	✓	✓	✓	✓		✓	✓			
	G201608CE	✓	✓	✓		✓	✓	✓			

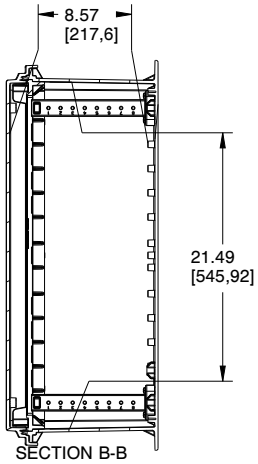
★ **POPULAR CONFIGURATIONS:** Most popular configurations are available for *QuickShip*.
Please send requests to customerservice@integraenclosures.com to take advantage of our *QuickShip* option.

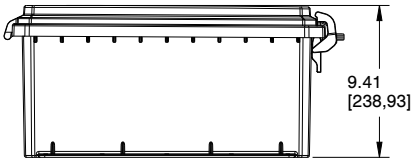
20X16X8 GENESIS SERIES











[Bracketed dimensions in mm]

Register online to download detailed drawing files at www.integraenclosures.com

TORQUE SPECIFICATIONS:
Mounting Feet - 1/4"-20 x 0.5" pan head 18-8 SS (torque limit = 32 in lbs)
Panels - 1/4"-20 x 0.5" pan head 18-8 SS (torque limit = 32 in lbs)

Accessories for 20x16x18 (For complete accessories, see pages 88-89)

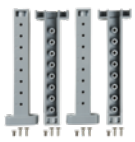
Back Panels
ABP-2016 - Aluminum panel
SBP-2016- Steel panel
PVCBP-2016 - PVC panel

Panel Pads
KIT-GPP-2016 - Four panel pads and screws

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

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

Swing Out Panel System
ABP2016-GSOPK - Aluminum complete panel kit
SBP2016-GSOPK - Steel panel kit
GSOPK20 - 20" hinge, panel pads & screws



Multi-Max Rails®
KIT-GMMR8 - Four Multi-Max Rails® with screws included

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

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

Multi-Max Frame
GSR2016 - Multi-Max frame stiffener

24X24X10 GENESIS SERIES

Multi-Max Rails, Stiffener Frame & Mounting Flanges
Multi-Max system not included with E part numbers

Features & Benefits

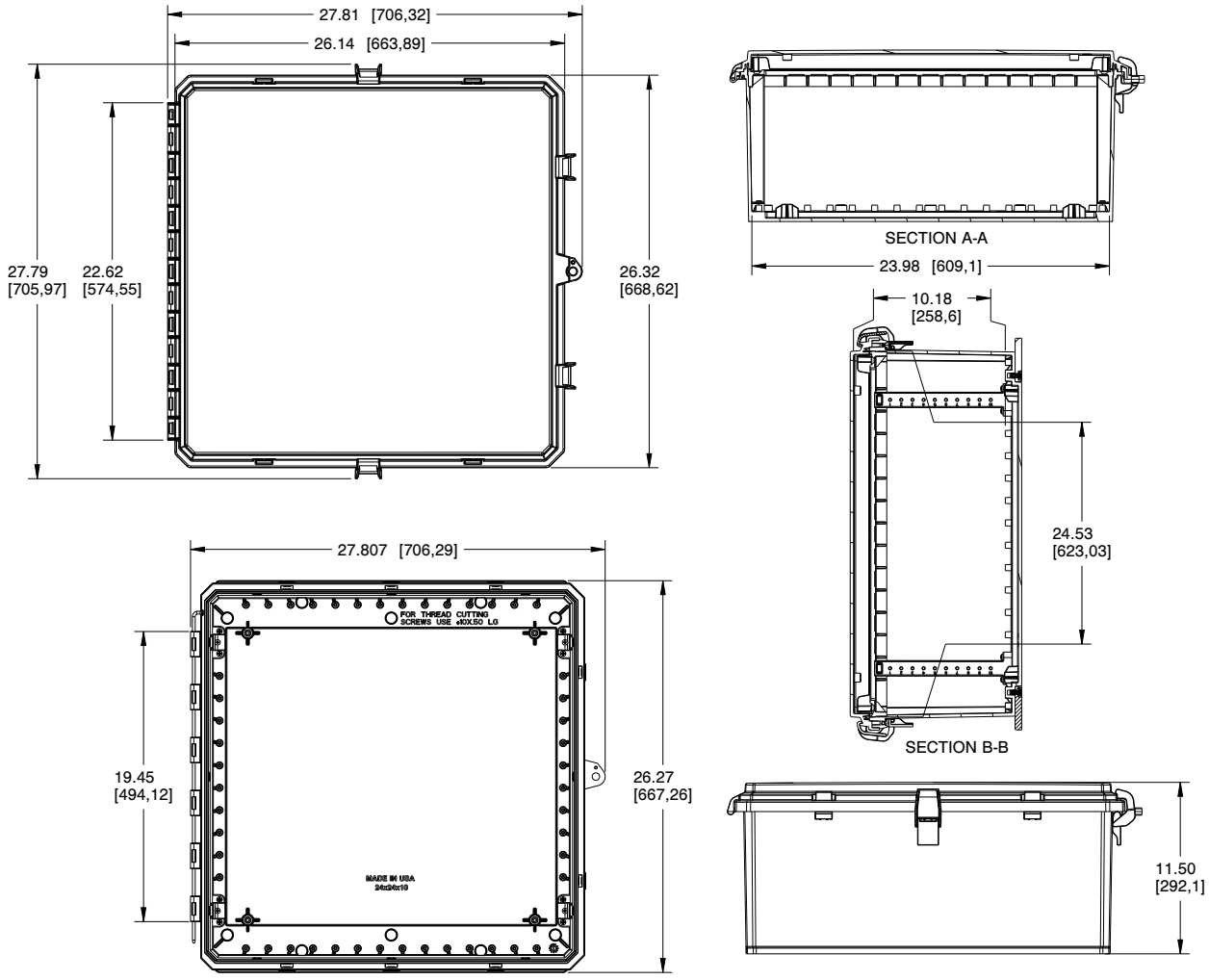
- **Quality material** – bases, opaque covers and clear covers are all made of high-impact, UV resistant polycarbonate.
- **Full hinge** – sturdy, full length piano hinged door
- **Multi-Max Rail Mounting System®** – maximize your enclosure space with full three-dimensional mounting capabilities.
- **Rigid construction** – unique, internal Multi-Max frame provides additional strength.
- **Extra mounting bosses** – brass inserts on rear wall of enclosure and on lid for more mounting options.
- **Multiple latch options** – non-metallic, quarter turn or three-point latch configurations.
- **UL/ c-UL-50 listed** (File # E207562)

Mechanical & Thermal	Test Spec.	Unit	Rating
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
Flame Rating - UL	UL 94	-	5VA
Outdoor UV Exposure	UL	-	F1

	Part Number	4X IP66	6P IP68	Piano Hinge	Opaque Cover	Clear Cover	Mounting Flange	Non-Metallic Locking Latch	3-Point Latch	1/4 Turn Latch	Multi-Max Rail System
★	G242410	✓	✓	✓	✓		✓	✓			✓
★	G242410C	✓	✓	✓		✓	✓	✓			✓
	G242410TPL	✓		✓	✓		✓		✓		✓
	G242410CTPL	✓		✓		✓	✓		✓		✓
	G242410QTL	✓		✓	✓		✓			✓	✓
	G242410CQTL	✓		✓		✓	✓			✓	✓
	G242410E	✓	✓	✓	✓		✓	✓			
	G242410CE	✓	✓	✓		✓	✓	✓			

★ **POPULAR CONFIGURATIONS:** Most popular configurations are available for *QuickShip*.
Please send requests to customerservice@integraenclosures.com to take advantage of our *QuickShip* option.

24X24X10 GENESIS SERIES



[Bracketed dimensions in mm]

Register online to download detailed drawing files at www.integraenclosures.com

TORQUE SPECIFICATIONS:
Mounting Feet - 1/4"-20 x 0.5" pan head 18-8 SS (torque limit = 32 in lbs)
Panels - 1/4"-20 x 0.5" pan head 18-8 SS (torque limit = 32 in lbs)

Accessories for 24x24x10 (For complete accessories, see pages 88-89)

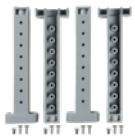
Back Panels
ABP-2424 - Aluminum panel
SBP-2424- Steel panel
PVCBP-2424 - PVC panel

Panel Pads
KIT-GPP-2424 - Four panel pads and screws

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

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

Swing Out Panel System
ABP2424-GSOPK - Aluminum panel kit
SBP2424-GSOPK - Steel panel kit
GSOPK24 - 24" hinge, panel pads and screws



Multi-Max Rails®
KIT-GMMR10 - Four Multi-Max Rails® with screws included

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

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

Multi-Max Frame
GSR2424 - Multi-Max frame stiffener

STRONGBOX SERIES OVERVIEW

- **Standard and Custom Options**
  Integra offers both off-the-shelf and completely custom stainless steel enclosures so you can get exactly what you need with industry best lead times.
- **World Class Quality**
  When you order an Integra Strongbox Series enclosure, you will receive the highest quality enclosure on the market. These 100% stainless steel enclosures have a smooth brush finish for a beautiful, clean look. 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.
- **Custom Hinge Options**
  - Removable 316 Stainless Steel Pin Hinge (Pinge™)
  - Continuous (Piano) Hinge
  - Lift-Off Hinge
- **Custom Mounting Options**
  - Rivet Nuts
  - Through Holes
  - Welded or Removable Flange
  - Welded or Removable Tabs
  - Multiple Sizes of Legs (Floor Stands)
- **Custom Latch Options**
  - Quarter Turn Latch
  - Integra Stainless Locking Latch
  - 3-Point Latch (Pad Lockable)
- **Ultra-tight Seal**
  Flange collar around all sides of door opening provides a minimum 0.34" sealing face with the polyurethane Foam-In-Place gasket.
- **NEMA 4X protection**
  Our stainless steel enclosures are designed to protect any indoor or outdoor application against corrosion, chemicals and wet conditions. They are constructed with UV protected and Impact resistant material to ensure protection in any environment, UL508A NEMA 4X rated.

FOAM-IN-PLACE URETHANE GASKET
FLANGE COLLAR AROUND OPENING
SEAMS CONTINUOUSLY WELDED & GROUND SMOOTH
GROUNDING STUD ON DOOR & BODY
PANEL STANDOFFS
CUSTOMIZATION AVAILABLE
INTEGRA
IP-66

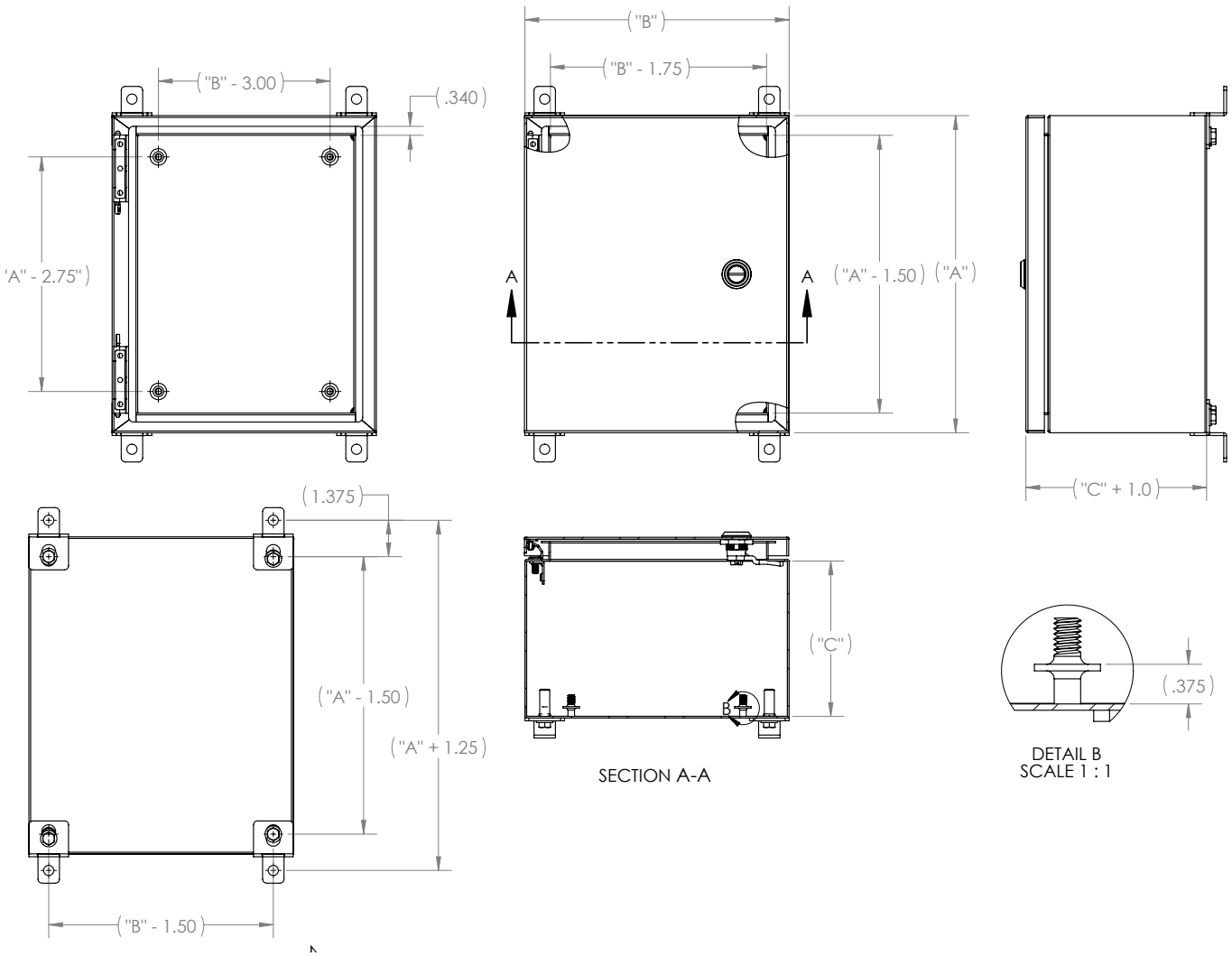
STRONGBOX STANDARD

Features & Benefits

- **Quality material** – 304 stainless steel with NEMA 4X corrosion protection and #4 brush finish
- **Water-tight seal** – flange collar provides drainage channel around all sides of enclosure and a wide sealing face for water-resistant FIP gasket
- **Panel standoffs** – installed for easy mounting of subpanels (panels sold separately)
- **Available for QuickShip** – standard enclosures are in stock and ready to ship!
- **Wall Mountable** - includes bolt-on tabs and riv-nuts
- **Quarter-Turn Latch** and Removable Pin Hinge (Pinge™) come on all standard enclosures
- **Wide range of sizes** for every application
- **UL508A listed** and **NEMA 4X rated**

Mechanical & Thermal	Unit	Rating
Temperature Range	Deg. F	-40 to 140
Industry Standards		
UL/C-UL		508A
NEMA Rating		1 ,2, 3, 3R, 4, 4X

Part Number	Height	Width	Depth	Material Thickness Cover / Base	Weight (lbs.)	4X IP66	Subpanel Part # (optional)	Subpanel Dimensions
W100804-4PQ-BT	10”	8”	4”	16 GAUGE / 16 GAUGE	6.0	✓	PNLB1008GVN	8 X 6
W100806-4PQ-BT	10”	8”	6”	16 GAUGE / 16 GAUGE	7.2	✓	PNLB1008GVN	8 X 6
W121004-4PQ-BT	12”	10”	4”	16 GAUGE / 16 GAUGE	8.1	✓	PNLB1210GVN	10 X 8
W121006-4PQ-BT	12”	10”	6”	16 GAUGE / 16 GAUGE	9.6	✓	PNLB1210GVN	10 X 8
W141206-4PQ-BT	14”	12”	6”	16 GAUGE / 16 GAUGE	12.3	✓	PNLB1412GVN	12 X 10
W201608-4PQ-BT	20”	16”	8”	14 GAUGE / 16 GAUGE	22.6	✓	PNLB2016GVN	18 X 14
W202008-4PQ-BT	20”	20”	8”	14 GAUGE / 16 GAUGE	26.6	✓	PNLB2020GVN	18 X 18
W202010-4PQ-BT	20”	20”	10”	14 GAUGE / 16 GAUGE	36.8	✓	PNLB2020GVN	18 X 18
W242008-4PQ-BT	24”	20”	8”	14 GAUGE / 16 GAUGE	30.7	✓	PNLB2420GVN	22 X 18
W242010-4PQ-BT	24”	20”	10”	14 GAUGE / 16 GAUGE	42.2	✓	PNLB2420GVN	22 X 18
W242408-4PQ-BT	24”	24”	8”	14 GAUGE / 16 GAUGE	35.3	✓	PNLB2424GVN	22 X 22
W242410-4PQ-BT	24”	24”	10”	14 GAUGE / 16 GAUGE	48.4	✓	PNLB2424GVN	22 X 22
W302410-4PQ-BT	30”	24”	10”	14 GAUGE / 14 GAUGE	57.6	✓	PNLB3024GVN	28 X 22
W302412-4PQ-BT	30”	24”	12”	14 GAUGE / 14 GAUGE	62.3	✓	PNLB3024GVN	28 X 22
W363012-4PQ-BT	36”	30”	12”	14 GAUGE / 14 GAUGE	84.9	✓	PNLB3630GVN	34 X 28



TORQUE SPECIFICATIONS:
Bolt On Tabs - 1/4"-20 x 0.5" hex bolt (torque limit = 25 in lbs)
Panels - 1/4"-20 x 0.5" collar stud (torque limit = 25 in lbs)

[Bracketed dimensions in mm]

Register online to download detailed drawing files at www.integraenclosures.com

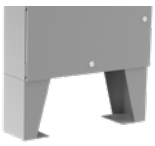
Accessories for Strongbox Standard (For complete accessories, see page 90)

Steel Back Panels
Galvannealed Steel Back Panels.
See chart on page 65 for part numbers.

Bolt-On Tabs
NEMA-MTKIT - Two stainless steel mounting tabs with screws.

Literature Tray
9220236-LT - Large Integra Literature Tray
9920237-LT - Small Integra Literature Tray

Quarter-Turn Latch Assembly
QTL-SLOT-177
QTL-SLOT-256



Legs/ Floor Stands
Multiple sizes available.
Contact factory for details.

Cord Grips
IP68/NEMA 4X/6P rated
See page 74 for more details and part numbers

STRONGBOX WALL MOUNT

Features & Benefits

- **Built to spec** – 100% custom enclosures built to order. Work with our engineering dept. to get exactly what you need
- **Precise machining** – laser cut holes for connectors and accessories or window kits for easy viewing.
- **Wide range of sizes**, configurations and accessories provides capabilities for every application.
- **Powder coating available**. Choose from range of RAL color codes.
- **UL508A listed** and **NEMA 4X rated**

Mechanical & Thermal	Unit	Rating
Temperature Range	Deg. F	-40 to 140
Industry Standards		
UL/C-UL		508A
NEMA Rating		1 ,2, 3, 3R, 4, 4X

WAYS TO CUSTOMIZE

Start with Quality Materials
We can build with 304 or 316 Stainless Steel or Marine Grade Aluminum.

Choose your Dimensions
We can accommodate various HxWxD requests up to 90 inches. Submit design requirements to engineering. These configurations may not provide a UL rating and are subject to engineering approval.

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

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

Mounting Options
Rivet Nuts or Through Holes
Welded or Bolt-on Tabs
Welded or Bolt-on Flange
Multiple Sizes of Legs (Floor Stands)

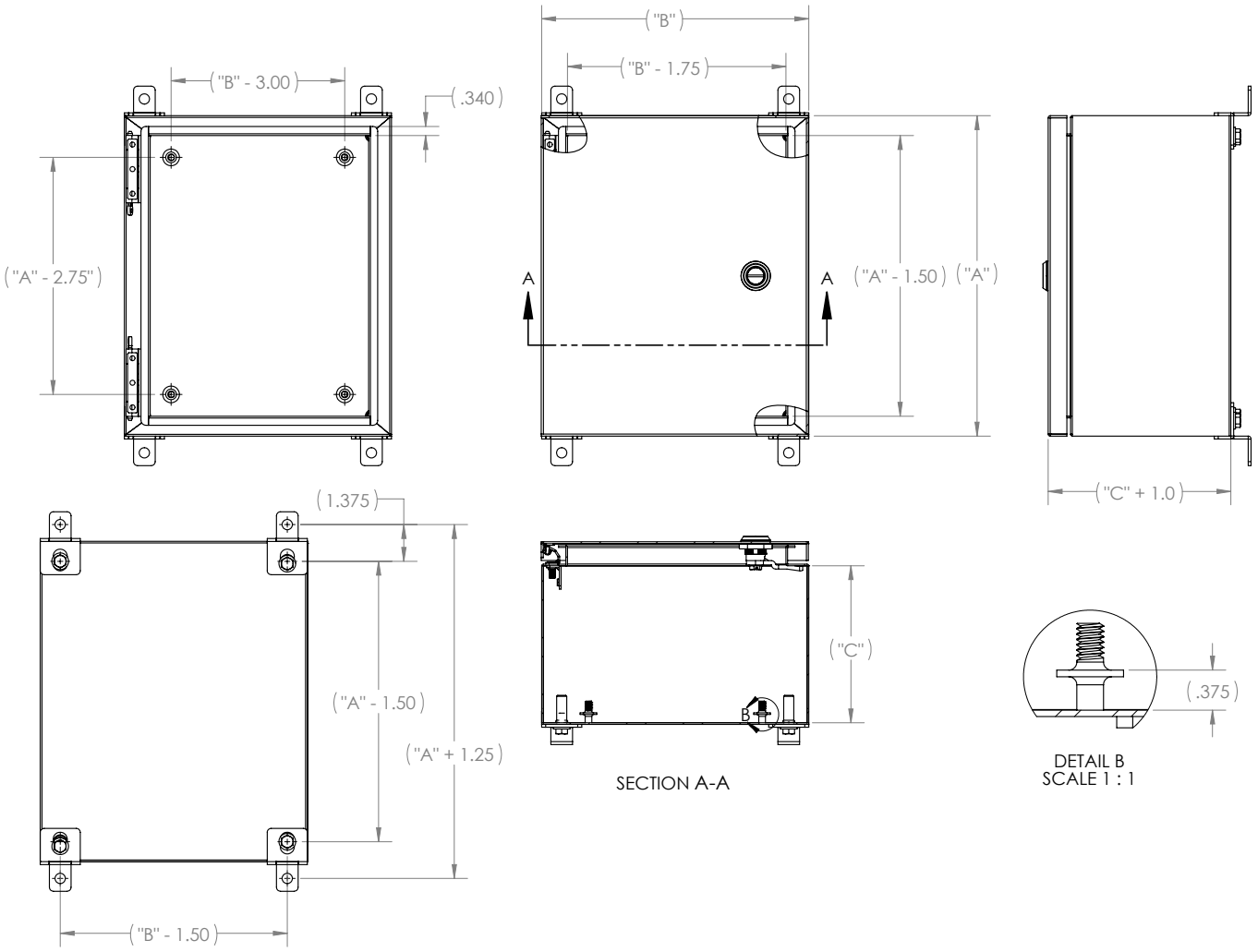
Gaskets
Polyurethane Foam-In-Place Gasket
Pressure Sensitive Peel & Stick

Custom Laser Cut Machining
Precision laser cut machining for cable glands, window kits and more. Send a detailed drawing to customerservice@integraenclosures.com for a quote.

Custom Printing and Engraving
Full-color silk screening and precise engraving are available. Add your company logo or important safety information to enclosure for a great looking finished product.

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.

**2 Door variant with removable center channel & expanded envelope also available.*



Submit drawings to customerservice@integraenclosures.com for approval and quote.
***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.

Accessories for Strongbox Custom (For complete accessories, see page 90)

Back Panels
Aluminum, Stainless Steel and Galvannealed Steel back panels can be modified with holes

Gland Plates
UL NEMA 4X rated gland plates for cable entry. Contact factory for details

Literature Tray
9220236-LT - Large Integra Literature Tray
9920237-LT - Small Integra Literature Tray

Windows
Flush-mount and exterior-mount window options available. Contact factory for details.

PEMs
Threaded and non-threaded PEMs can be installed or shipped separately.

Cord Grips
IP68/NEMA 4X/6P rated
See page 74 for more details and part numbers.

STRONGBOX SLOPE TOP

Features & Benefits

- **Slope Top Options** – Choose between full-face or bull-nose style slope top.
- **Built to spec** – 100% custom enclosures built to order. Work with our engineering dept. to get exactly what you need
- **Precise machining** – laser cut holes for connectors and accessories or window kits for easy viewing.
- **Wide range of sizes**, configurations and accessories provides capabilities for every application.
- **Powder coating available**. Choose from range of RAL color codes.
- **UL508A listed** and **NEMA 4X rated**

Mechanical & Thermal	Unit	Rating
Temperature Range	Deg. F	-40 to 140
Industry Standards		
UL/C-UL		508A
NEMA Rating		1 ,2, 3, 3R, 4, 4X

WAYS TO CUSTOMIZE

Start with Quality Materials
We can build with 304 or 316 Stainless Steel or Marine Grade Aluminum.

Choose your dimensions
We can accommodate various HxWxD requests up to 90 inches. Submit design requirements to engineering. These configurations may not provide a UL rating and are subject to engineering approval.

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

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

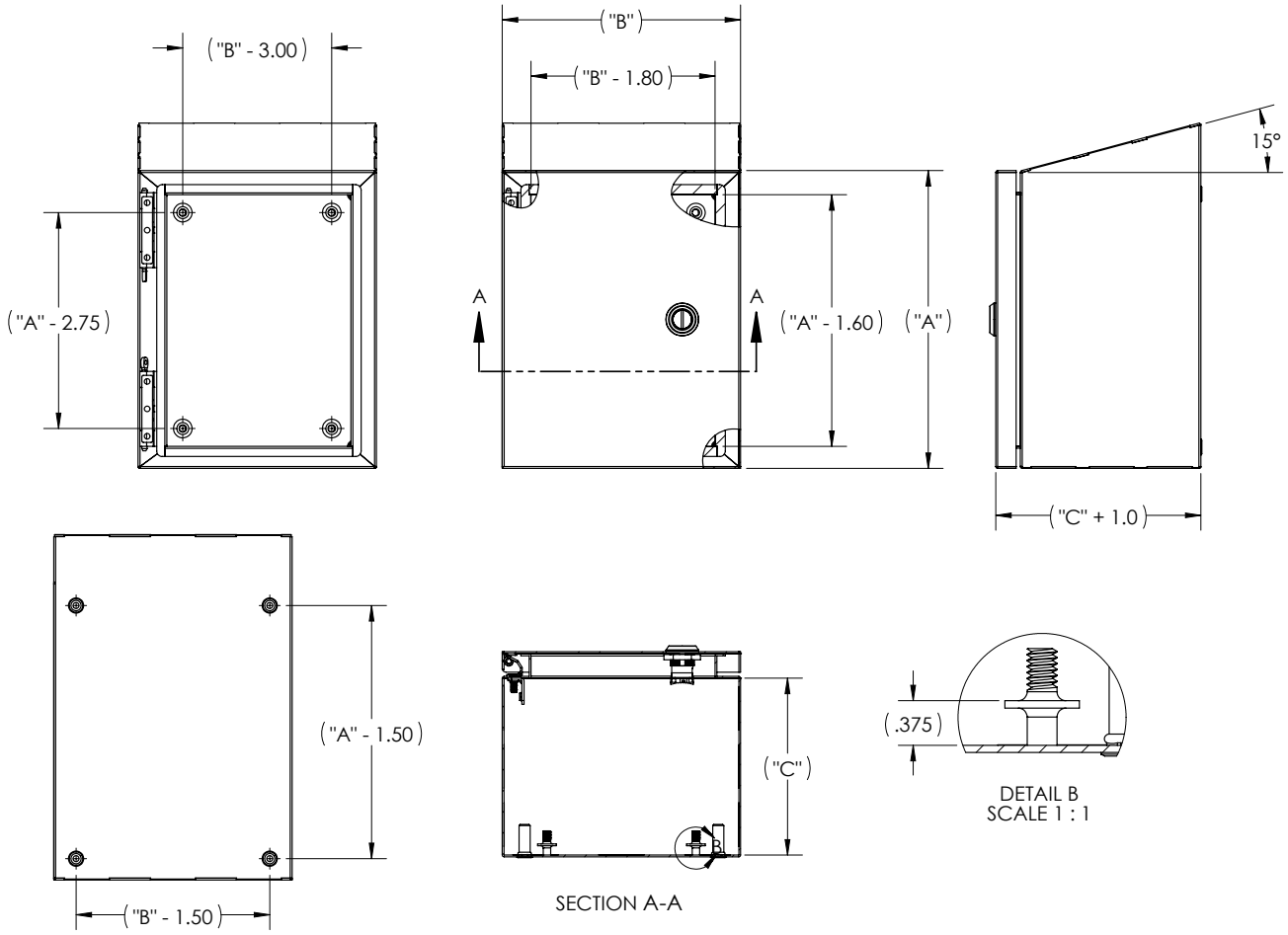
Mounting Options
Rivet Nuts or Through Holes
Welded or Bolt-on Tabs
Welded or Bolt-on Flange
Multiple Sizes of Legs (Floor Stands)

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

Custom Laser Cut Machining
Precision laser cut machining for cable glands, window kits and more. Send a detailed drawing to customerservice@integraenclosures.com for a quote.

Custom Printing and Engraving
Full-color silk screening and precise engraving are available. Add your company logo or important safety information to enclosure for a great looking finished product.

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.



Submit drawings to customerservice@integraenclosures.com for approval and quote.
***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.

Accessories for Strongbox Custom

Back Panels
Aluminum, Stainless Steel and Galvannealed Steel Back panels can be modified with holes

Gland Plates
UL NEMA 4X rated gland plates for cable entry. Contact factory for details

Literature Tray
9220236-LT - Large Integra Literature Tray
9920237-LT - Small Integra Literature Tray

Windows
Flush-mount and exterior-mount window options available. Contact factory for details.

PEMs
Threaded and non-threaded PEMs can be installed or shipped separately.

Cord Grips
IP68/NEMA 4X/6P rated
See page 74 for more details and part numbers.

IMPACT® FACE PLATES

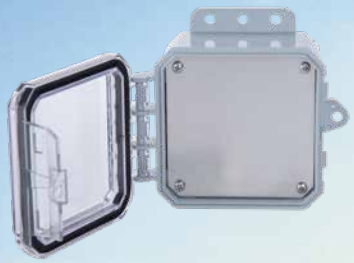
INTEGRA'S EASY & UNIQUE **SWING PANEL & FACE PLATE SYSTEM**

BENEFITS OF SWING PANEL AND FACE PLATE SYSTEM

Smart, Simple and Easy!

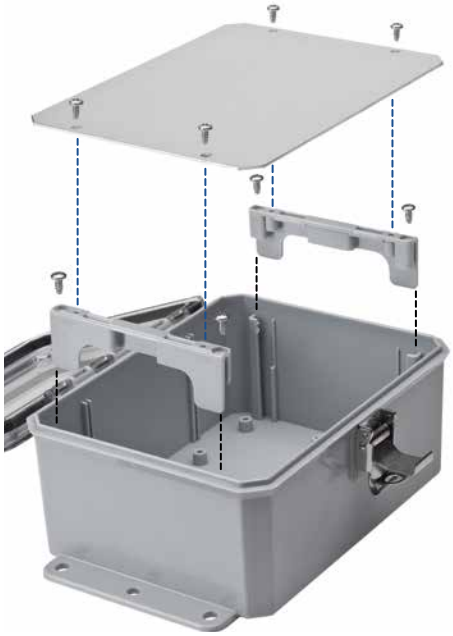
- Minimum number of parts to install
- A phillips head screwdriver is all that is needed to install either system.
- Face plates, swing panels and complete kits in stock
- Custom panels available (consult factory)

Smaller Impact® sizes can be equipped with corner brackets for easy mounting of face plates. *(swing panels not available)*

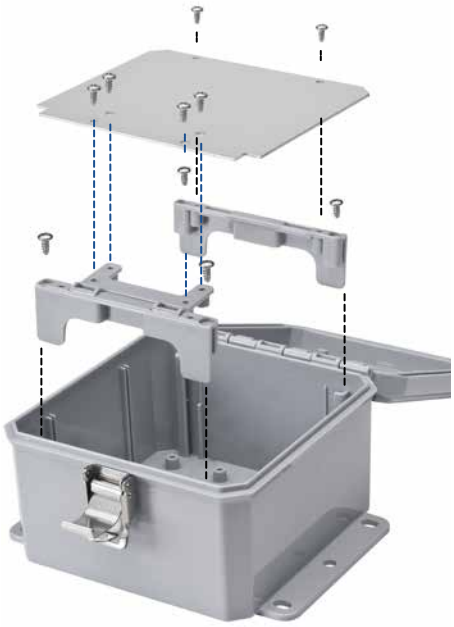


EXCLUSIVELY AVAILABLE ON THE IMPACT® **6X6X3** AND **8X6X3** ENCLOSURES

Impact® Face plate Kit Assembly



Impact® Swing Panel Kit Assembly



TWO SIMPLE STEPS...

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.

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.

*** Patent # 10,516,256**

SWING 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 SERIES

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® SERIES

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, white painted steel and PVC.
- P10084 and larger use Premium Series mounting style.

GENESIS SERIES

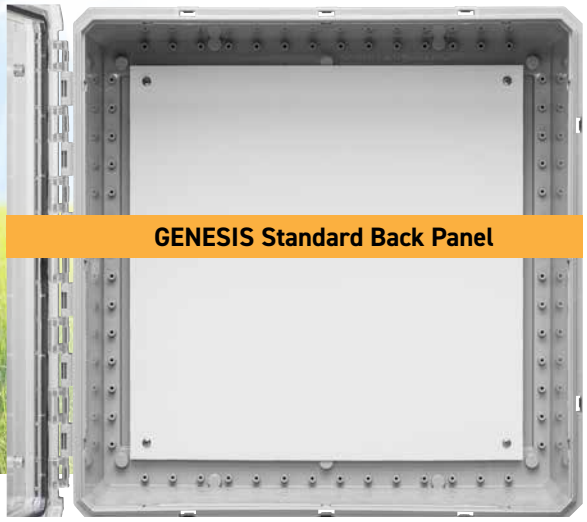
Complete swing panel kit includes:

- Panel
- Hinge for swing panel
- Hardware for complete installation

- Panels and hardware for swing panel kits can also be purchased separately at any time.
- Full Piano Hinge supports weight of larger enclosure applications.
- Available in aluminum, white painted steel and PVC.
- No drilling required!

GENESIS BACK PANELS

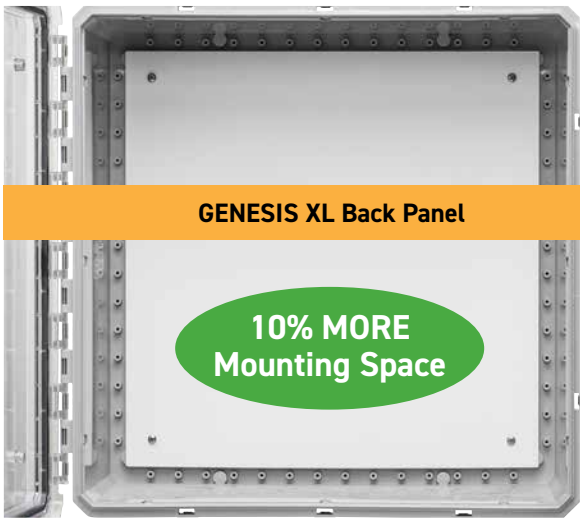
MAKE THE MOST OF YOUR **MOUNTING SPACE** WITH GENESIS



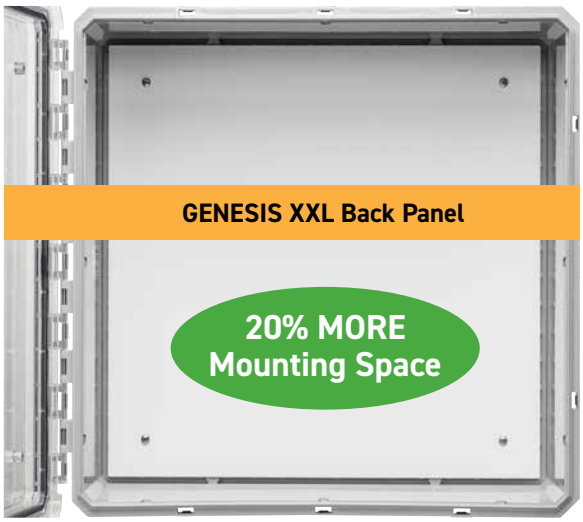
Our innovative panel options for Genesis enclosures allow for up to 20% more space.

Available in Aluminum & Painted Steel. See page 88 for part numbers.

PANEL DIMENSIONS
G2016: 18.80" x 14.88"
G2424: 21.0" x 21.0"



PANEL DIMENSIONS
G2016: 19.4" x 15.4"
G2424: 22.13" x 22.13"



PANEL DIMENSIONS
G2016: 21.09" x 17.09"
G2424: 23.25" x 23.25"
NOT COMPATIBLE WITH MULTIMAX RAILS

GENESIS SERIES SIDE PANELS PROVIDE A 3-DIMENSIONAL MOUNTING SPACE

Side panels mount to Integra's Multi-Max® Rail System to create unlimited mounting potential for your application.

SIDE PANEL DIMENSIONS
G2016: 6.25" x 15"
G2424: 7.88" x 21.75"

FINDING THE RIGHT BACK PANEL FOR YOUR APPLICATION

Aluminum

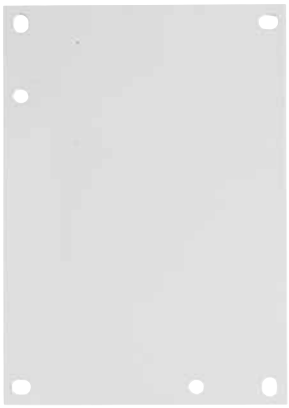
Available for: Premium, Impact & Genesis Series

Advantages: Lightweight and cost-effective

PVC

Available for: Premium, Impact & Genesis Series

Advantages: Non-conductive and lightweight



Painted Steel

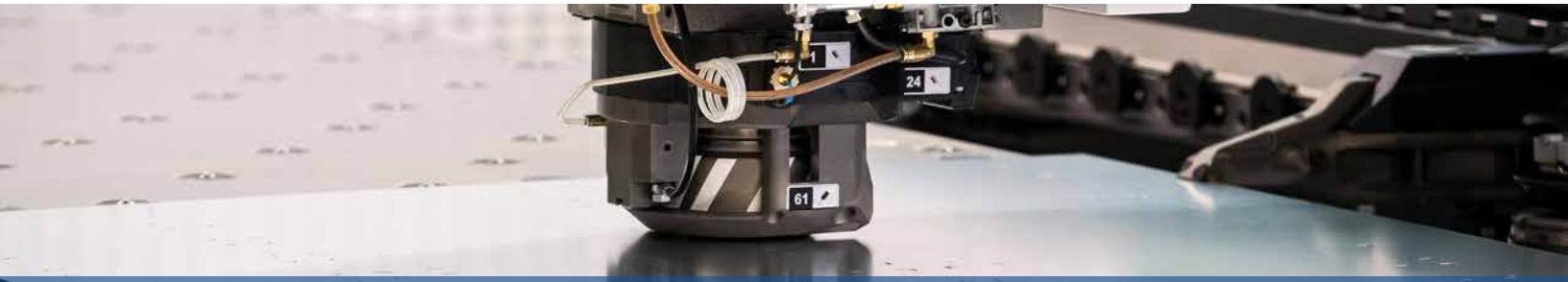
Available for: Premium, Impact & Genesis Series

Advantages: White powder coat offers corrosion resistance and clean finished look.

Galvannealed Steel

Available for: Strongbox Series

Advantages: Annealing process creates strong coating that resists corrosion.



CUSTOM **MACHINED PANELS** MAKE **COMPONENT INSTALLATION** A BREEZE

Cut out the middle-man and let Integra handle your panel modification needs. We offer precise machining on all back panels, swing panels and face plates.

WINDOWS & GLAND PLATES

ACCESS CONTROLS WITHOUT SACRIFICING PROTECTION

Flush Mounted Windows

- Window is flush with front of enclosure door for a clean finished look. Window frame is welded to inner door.
- Hydrophobic FIP gasket creates a dust & water-tight seal.
- Window Material is Impact-Resistant Polycarbonate
- Max Window Size: 24 in x 24 in
- UL508A listed and NEMA 4X rated

Exterior Mounted Windows

- Window frame is mounted on the outside of the enclosure.
- Ideal for applications where space inside the enclosure is limited
- Window Material: Tempered Glass or Impact-Resistant Polycarbonate
- This style can also receive high-temp gasket.
- Max Window Size: 24 in x 24 in
- UL508A listed and NEMA 4X rated

AN **ECONOMICAL, INTERCHANGEABLE** SOLUTION FOR CABLE EGRESS AND ENTRY

Gland Plates

Ideal for enclosures with multiple hole pattern variations. Easily switch out machined gland plates while maintaining enclosure protection rating.

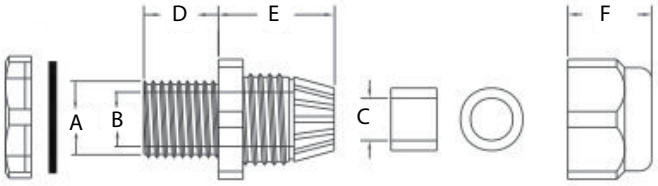
Material: 12ga Stainless Steel with Polyurethane FIP gasket

Max Usable Gland Area: Plate size minus 2.5” in all directions

Max Plate Size: 48 in x 48 in

Cord Grip Specifications

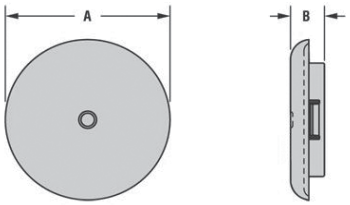
- Self-locking waterproof design
- Temperature Range: - 4°F to 212°F (-20° C to 100° C)
- IP68/NEMA 4X/6P Rated
- UL 94V-2 and REACH certified and RoHS compliant



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)	.138-.236 (3.5-6)
CG-LTF9	.614 (15.6)	.433 (11.0)	.346 (8.8)	.339 (8.6)	.902 (22.9)	.587 (14.9)	.157-.315 (4-8)
CG-LTF11	.724 (18.4)	.547 (13.9)	.398 (10.1)	.382 (9.7)	.941 (23.9)	.661 (16.8)	.197-.394 (5-10)
CG-LTF13.5	.803 (20.4)	.614 (15.6)	.472 (12.0)	.374 (9.5)	.992 (25.2)	.697 (17.7)	.236-.472 (6-12)
CG-LTF16	.882 (22.4)	.701 (17.8)	.567 (14.4)	.402 (10.2)	1.051 (26.7)	.705 (17.9)	.394-.551 (10-14)
CG-LTF21	1.106 (28.1)	.874 (22.2)	.713 (18.1)	.441 (11.2)	1.193 (30.3)	.900 (22.6)	.512-.709 (13-18)
CG-LTF29	1.469 (37.3)	1.220 (31.0)	.996 (25.3)	.524 (13.3)	1.378 (35.0)	.996 (25.3)	.709-.984 (18-25)
CG-NPT-038	.657 (16.7)	.425 (10.8)	.406 (10.3)	.575 (14.6)	.937 (23.8)	.661 (16.8)	.197-.394 (5-10)
CG-NPT-050	.835 (21.2)	.587 (14.9)	.551(14.0)	.508 (12.9)	1.118 (28.4)	.736 (18.7)	.394-.551 (10-14)
CG-NPT-075	1.035 (26.3)	.728 (18.5)	.709 (18.0)	.571 (14.5)	1.150 (29.2)	.878 (22.3)	.512-.709 (13-18)
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)	.709-.984 (18-25)

Hole Plug Specifications

- 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.

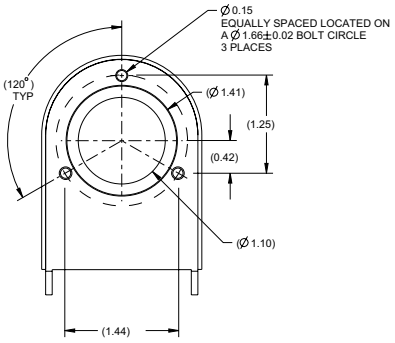


Part Number	Thickness at Locking Finger Steps	Mounting Hole Diameter	Cable Diameter Range	A Head Diameter	B Overall Height
HOLE PLUG-050	.080 (2.0)	.500 (12.7)	.080-.200 (2.0-5.1)	.92 (23.4)	.63 (15.9)
HOLE PLUG-063	.094 (2.4)	.625 (15.9)	.130-.375 (3.3-9.5)	1.03 (26.2)	.63 (15.9)
HOLE PLUG-075	.125 (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)

KEEP YOUR ELECTRONICS COOL WITH INTEGRA'S **VENT & FAN KITS**

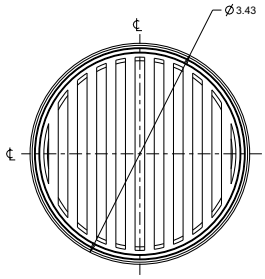
VENT-2

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



VENT-3

Part Number	Description
VENT-3	Aluminum Vent - Louvered

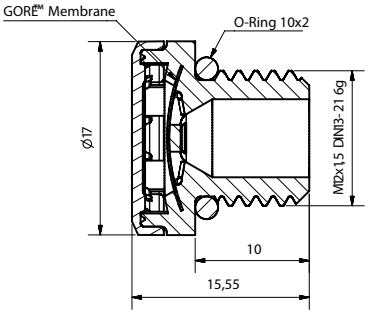


Fan Shroud Kits

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

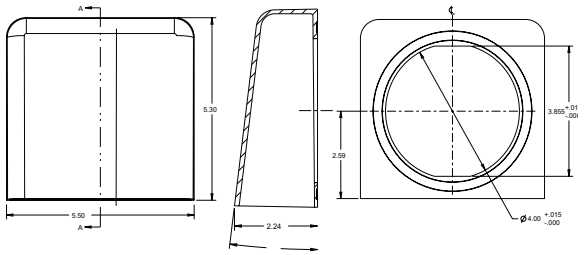
Gore Vents

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



Fan Shroud Vent Filter Kits

- 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.
- Includes fully gasketed seal between filter fan and box
- Kits include template and all mounting hardware
- High impact and UV resistant polycarbonate
- Maintains NEMA Type 3R



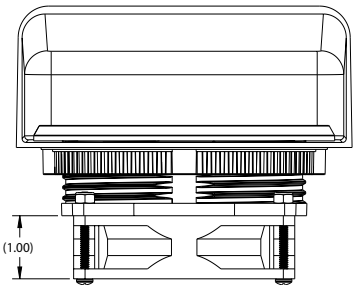
Shroud Vent Filter Kits

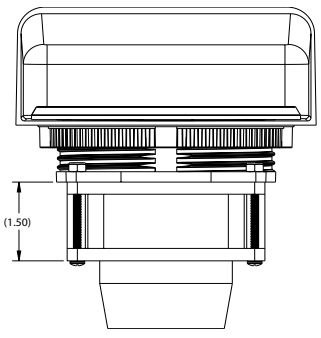
Part Number	Description
FSFK1-G	Fan Shroud Vent Filter Gray - one piece
FSFK2-G	Fan Shroud Vent Filter Kit Gray - two pieces

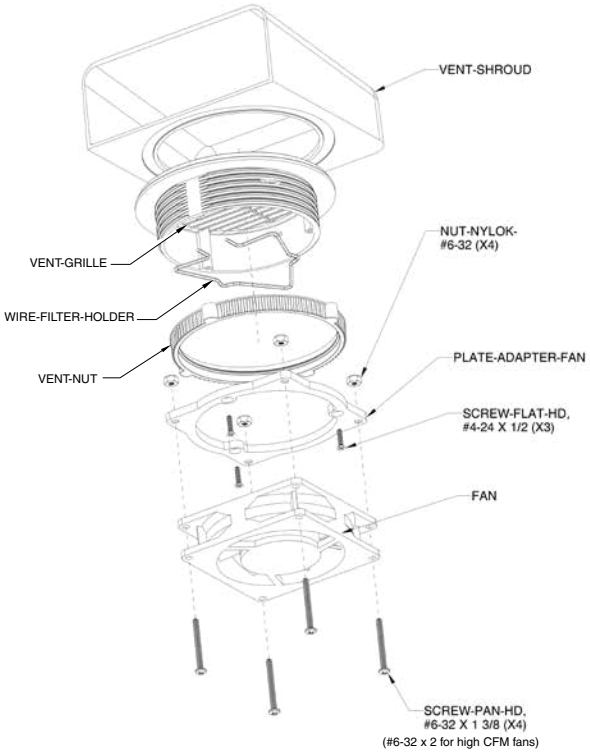
FOR ADDITIONAL COOLING, MAKE YOUR FILTER FAN A **FORCED AIR SOLUTION**

Forced Air Fan Kits

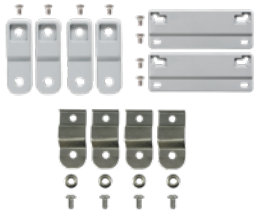
Part Number	Voltage	CFM	Fan Depth (in)
KIT-FAN-120VAC-30	120 VAC	Low CFM (30)	1.0
KIT-FAN-120VAC-84	120 VAC	High CFM (84)	1.5
KIT-FAN-12VDC-49	12 VDC	Low CFM (49)	1.0
KIT-FAN-12VDC-135	12 VDC	High CFM (135)	1.5
KIT-FAN-24VDC-49	24 VDC	Low CFM (49)	1.0
KIT-FAN-24VDC-135	24 VDC	High CFM (135)	1.5
KIT-FAN-48VDC-50	48 VDC	Low CFM (50)	1.0
KIT-FAN-48VDC-135	48 VDC	High CFM (135)	1.5







PREMIUM SERIES ACCESSORIES

	Part Number	Description	Size (inches)
Mounting Options			
	MFK-G	Mounting Feet Kit-Premium Line - Gray	N/A
	MFK-B	Mounting Feet Kit-Premium Line - Black	N/A
	MFKSS	Mounting Feet Kit-Stainless Steel	N/A
	MFLK6	Mounting Flange Kit 6”	N/A
	MFLK8	Mounting Flange Kit 8”	N/A
	MFLK10	Mounting Flange Kit 10”	N/A
	MFLK12	Mounting Flange Kit 12”	N/A
	MFLK14	Mounting Flange Kit 14”	N/A
	MFLK16	Mounting Flange Kit 16”	N/A
Aluminum Panels for Component Installation (Four mounting screws included)			
	ABP-66	Aluminum Panel for 6”x6” Enclosure	4.88 x 4.88
	ABP-86	Aluminum Panel for 8”x6” Enclosure	6.75 x 4.88
	ABP-88	Aluminum Panel for 8”x8” Enclosure	6.88 x 6.75
	ABP-108	Aluminum Panel for 10”x8”X4” or 6” Enclosure	8.75 x 6.88
	ABP-1082	Aluminum Panel for 10”x8”X2” Enclosure	8.75 x 6.80
	ABP-1210	Aluminum Panel for 12”x10” Enclosure	10.75 x 8.88
	ABP-1412	Aluminum Panel for 14”x12” Enclosure	12.75 x 10.88
	ABP-1614	Aluminum Panel for 16”x14” Enclosure	14.75 x 12.88
	ABP-1816	Aluminum Panel for 18”x16” Enclosure	16.75 x 14.88
Steel Panels for Component Installation - White Powder Coated (Four mounting screws included)			
	SBP-66	Steel Panel for 6”x6” Enclosure	4.88 x 4.88
	SBP-86	Steel Panel for 8”x6” Enclosure	6.75 x 4.88
	SBP-88	Steel Panel for 8”x8” Enclosure	6.75 x 6.75
	SBP-108	Steel Panel for 10”x8” Enclosure	8.88 x 6.88
	SBP-1082	Steel Panel for 10”x8”x2” Enclosure	6.80 x 8.75
	SBP-1210	Steel Panel for 12”x10” Enclosure	10.88 x 8.88
	SBP-1412	Steel Panel for 14”x12” Enclosure	12.88 x 10.88
	SBP-1614	Steel Panel for 16”x14” Enclosure	14.88 x 12.88
	SBP-1816	Steel Panel for 18”x16” Enclosure	16.88 x 14.88
PVC Panels for Component Installation - Gray (Four mounting screws included)			
	PVCBP-66	PVC Panel for 6”x6” Enclosure	4.88 x 4.88
	PVCBP-86	PVC Panel for 8”x6” Enclosure	6.75 x 4.88
	PVCBP-88	PVC Panel for 8”x8” Enclosure	6.88 x 6.75
	PVCBP-108	PVC Panel for 10”x8”x4” or 6” Enclosure	8.75 x 6.88
	PVCBP-1082	PVC Panel for 10”x8”x2” Enclosure	8.75 x 6.80
	PVCBP-1210	PVC Panel for 12”x10” Enclosure	10.75 x 8.88
	PVCBP-1412	PVC Panel for 14”x12” Enclosure	12.75 x 10.88
	PVCBP-1614	PVC Panel for 16”x14” Enclosure	14.75 x 12.88
	PVCBP-1816	PVC Panel for 18”x16” Enclosure	16.75 x 14.88

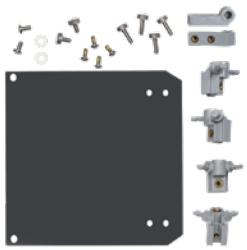
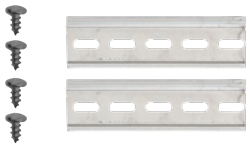
PREMIUM SERIES ACCESSORIES (CONT.)

	Part Number	Description	Size (inches)
Clear Replacement Covers (Includes Cover Screws and Hole Plugs - Gasket Installed)			
	X66CSC-RPL	Screw Cover | Clear	6 x 6
	X66CHC-RPL	Hinged Cover | Clear	6 x 6
	X86CSC-RPL	Screw Cover | Clear	8 x 6
	X86CHC-RPL	Hinged Cover | Clear	8 x 6
	X88CSC-RPL	Screw Cover | Clear	8 x 8
	X88CHC-RPL	Hinged Cover | Clear	8 x 8
	X108CSC-RPL	Screw Cover | Clear	10 x 8
	X108CHC-RPL	Hinged Cover | Clear	10 x 8
	X1210CSC-RPL	Screw Cover | Clear	12 x 10
	X1210CHC-RPL	Hinged Cover | Clear	12 x 10
	X1412CSC-RPL	Screw Cover | Clear	14 x 12
	X1412CHC-RPL	Hinged Cover | Clear	14 x 12
	X1614CSC-RPL	Screw Cover | Clear	16 x 14
	X1614CHC-RPL	Hinged Cover | Clear	16 x 14
	X1618CHC-RPL	Hinged Cover | Clear	16 x 18
	X1816CSC-RPL	Screw Cover | Clear	18 x 16
	X1816CHC-RPL	Hinged Cover | Clear	18 x 16
Opaque Replacement Covers (Includes Cover Screws and Hole Plugs - Gasket Installed)			
	H66CSO-RPL	Screw Cover | Opaque	6 x 6
	H66CHO-RPL	Hinged Cover | Opaque	6 x 6
	H86CSO-RPL	Screw Cover | Opaque	8 x 6
	H86CHO-RPL	Hinged Cover | Opaque	8 x 6
	H88CSO-RPL	Screw Cover | Opaque	8 x 8
	H88CHO-RPL	Hinged Cover | Opaque	8 x 8
	H108CSO-RPL	Screw Cover | Opaque	10 x 8
	H108CHO-RPL	Hinged Cover | Opaque	10 x 8
	H1210CSO-RPL	Screw Cover | Opaque	12 x 10
	H1210CHO-RPL	Hinged Cover | Opaque	12 x 10
	H1412CSO-RPL	Screw Cover | Opaque	14 x 12
	H1412CHO-RPL	Hinged Cover | Opaque	14 x 12
	H1614CSO-RPL	Screw Cover | Opaque	16 x 14
	H1614CHO-RPL	Hinged Cover | Opaque	16 x 14
	H1618CHO-RPL	Hinged Cover | Opaque	16 x 18
	H1816CSO-RPL	Screw Cover | Opaque	18 x 16
	H1816CHO-RPL	Hinged Cover | Opaque	18 x 16
Swing Panel Kit Hardware Only *Kit includes the two hinge swing arms, four panel mount brackets and hardware needed for Premium enclosure*			
	USOPK-B	Universal Swing Panel Kit - Black	N/A
	USOPK-G	Universal Swing Panel Kit - Gray	N/A
	USOPK-B-PVC	Swing Panel Kit for PVC Back Panel - Black	N/A
	USOPK-G-PVC	Swing Panel Kit for PVC Back Panel - Gray	N/A

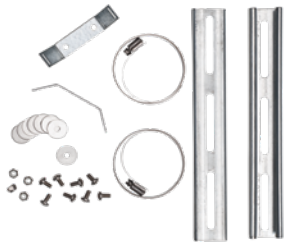
PREMIUM SERIES ACCESSORIES (CONT.)

	Part Number	Description	Size (inches)
Aluminum Swing Panels Pre-Drilled For SOPK			
	ABP-66USP	Aluminum Swing Panel for 6x6 Enclosure	4.92 x 4.92
	ABP-86USP	Aluminum Swing Panel for 8x6 Enclosure	6.75 x 4.87
	ABP-88USP	Aluminum Swing Panel for 8x8 Enclosure	6.75 x 6.87
	ABP-108USP	Aluminum Swing Panel for 10x8 Enclosure	8.75 x 6.88
	ABP-1210USP	Aluminum Swing Panel for 12x10 Enclosure	10.88 x 8.88
	ABP-1412USP	Aluminum Swing Panel for 14x12 Enclosure	12.88 x 10.88
	ABP-1614USP	Aluminum Swing Panel for 16x14 Enclosure	14.88 x 12.88
	ABP-1618USP	Aluminum Swing Panel for 16x18 Enclosure	14.88 x 16.75
	ABP-1816USP	Aluminum Swing Panel for 18x16 Enclosure	16.75 x 14.88
Aluminum Swing Panel Kits (Includes Panel and Hardware)			
	ABP-66-USOPK	Swing Panel Kit for 6x6 Enclosure	4.92 x 4.92
	ABP-86-USOPK	Swing Panel Kit for 8x6 Enclosure	6.75 x 4.87
	ABP-88-USOPK	Swing Panel Kit for 8x8 Enclosure	6.75 x 6.87
	ABP-108-USOPK	Swing Panel Kit for 10x8 Enclosure	8.75 x 6.88
	ABP-1210-USOPK	Swing Panel Kit for 12x10 Enclosure	10.88 x 8.88
	ABP-1412-USOPK	Swing Panel Kit for 14x12 Enclosure	12.88 x 10.88
	ABP-1614-USOPK	Swing Panel Kit for 16x14 Enclosure	14.88 x 12.88
	ABP-1618-USOPK	Swing Panel Kit for 16 x 18 Enclosure	14.88 x 16.75
	ABP-1816-USOPK	Swing Panel Kit for 18x16 Enclosure	16.75 x 14.88
Steel Swing Panels Pre-drilled for SOPK - White Powder Coated			
	SBP-66USP	Steel Swing Panel for 6x6 Enclosure	4.92 x 4.92
	SBP-86USP	Steel Swing Panel for 8x6 Enclosure	6.75 x 4.87
	SBP-88USP	Steel Swing Panel for 8x8 Enclosure	6.75 x 6.87
	SBP-108USP	Steel Swing Panel for 10x8 Enclosure	8.75 x 6.88
	SBP-1082USP	Steel Swing Panel for H10082 Enclosure	8.75 x 6.8
	SBP-1210USP	Steel Swing Panel for 12x10 Enclosure	10.88 x 8.88
	SBP-1412USP	Steel Swing Panel for 14x12 Enclosure	12.88 x 10.88
	SBP-1614USP	Steel Swing Panel for 16x14 Enclosure	14.88 x 12.88
	SBP-1816USP	Steel Swing Panel for 18x16 Enclosure	16.75 x 14.88
Steel Swing Panel Kits (Includes Panel and Hardware)			
	SBP-66-USOPK	Steel Swing Panel Kit for 6x6 Enclosure	4.92 x 4.92
	SBP-86-USOPK	Steel Swing Panel Kit for 8x6 Enclosure	6.75 x 4.87
	SBP-88-USOPK	Steel Swing Panel Kit for 8x8 Enclosure	6.75 x 6.87
	SBP-108-USOPK	Steel Swing Panel Kit for 10x8 Enclosure	8.75 x 6.88
	SBP-1210-USOPK	Steel Swing Panel Kit for 12x10 Enclosure	10.88 x 8.88
	SBP-1412-USOPK	Steel Swing Panel Kit for 14x12 Enclosure	12.88 x 10.88
	SBP-1614-USOPK	Steel Swing Panel Kit for 16x14 Enclosure	14.88 x 12.88
	SBP-1816-USOPK	Steel Swing Panel Kit for 18x16 Enclosure	16.75 x 14.88

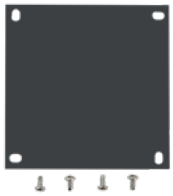
PREMIUM SERIES ACCESSORIES (CONT.)

	Part Number	Description	Size (inches)
PVC Swing Panel Kits (Includes Panel and Hardware)			
	PVC-66-USOPK	PVC Swing Panel Kit for 6x6 Enclosure	4.92 x 4.92
	PVC-86-USOPK	PVC Swing Panel Kit for 8x6 Enclosure	6.75 x 4.87
	PVC-88-USOPK	PVC Swing Panel Kit for 8x8 Enclsoure	6.75 x 6.87
	PVC-108-USOPK	PVC Swing Panel Kit for 10x8 Enclosure	8.75 x 6.88
	PVC-1210-USOPK	PVC Swing Panel Kit for 12x10 Enclosure	10.88 x 8.88
	PVC-1412-USOPK	PVC Swing Panel Kit for 14x12 Enclosure	12.88 x 10.88
	PVC-1614-USOPK	PVC Swing Panel Kit for 16x14 Enclosure	14.88 x 12.88
	PVC-1816-USOPK	PVC Swing Panel Kit for 18x16 Enclosure	16.75 x 14.88
Miscellaneous Accessories			
	BPAKB	Back Panel Adjustment Kit - Black Set Screw	N/A
	BPAKG	Back Panel Adjustment Kit - Gray Set Screw	N/A
	UBPAK-B	Universal Back Panel Adjustment Kit - Black Thumb Screw	N/A
	UBPAK-G	Universal Back Panel Adjustment Kit - Gray Thumb Screw	N/A
	Cover Kit 4-4	Cover Kit - Includes 4 Hole Plugs and 4 Screws	N/A
	DIN6	DIN Rail Kit 6” (2 rails, 4 screws)	4.88 x 1.39
	DIN8	DIN Rail Kit 8” (2 rails, 4 screws)	6.75 x 1.39
	DIN10	DIN Rail Kit 10” (2 rails, 4 screws)	8.75 x 1.39
	DIN12	DIN Rail Kit 12” (2 rails, 4 screws)	10.75 x 1.39
	DIN14	DIN Rail Kit 14” (2 rails, 4 screws)	12.75 x 1.39
	DIN16	DIN Rail Kit 16” (2 rails, 4 screws)	15.00 x 1.39
	DIN18	DIN Rail Kit 18” (2 rails, 4 screws)	16.50 x 1.39
Gasket Repair Kit	Gasket-Kit	Gasket Repair Kit - Gasket and Silicone Tube (All Sizes)	N/A
	KIT-FAN-120VAC-30	Fan Kit - 120 AVC	N/A
	KIT-FAN-120VAC-84	Fan Kit - 120 VAC	N/A
	KIT-FAN-12VDC-135	Fan Kit - 12 VDC	N/A
	KIT-FAN-12VDC-49	Fan Kit - 12 VDC	N/A
	KIT-FAN-24VDC-135	Fan Kit - 24 VDC	N/A
	KIT-FAN-24VDC-49	Fan Kit - 24 VDC	N/A
	KIT-FAN-48VDC-135	Fan Kit - 48 VDC	N/A
	KIT-FAN-48VDC-50	Fan Kit - 48 VDC	N/A
	KIT-NMLL-050	Non-Metallic Latch Kit. Used for H8064 & H8084	N/A
	KIT-NMLL-063	Standard Non-Metallic Latch Kit. Used for H6064, H10082, H10084, H10086, H12104, H12106, H141206	N/A
	KIT-NMLL-075	Non-Metallic Latch Kit. Used for H161407 & H181610	N/A
	SP-10I	Screw Pack (for mounting to bosses, 10 piece)	N/A
	SSLL-KIT	Stainless Steel Locking Latch Kit (includes 1 latch with hardware)	N/A
	SSLL-075-KIT	Stainless Steel Locking Latch Kit for H161407 & H181610	N/A
	Cat 60 Lock	Cat 60 Lock	N/A
	Cat 90 Lock	Cat 90 Lock	N/A
	Vent 2	Outdoor Labyrinth Vent	N/A
	Vent 3	3” Aluminum Louvered Vent	N/A

PREMIUM SERIES ACCESSORIES (CONT.)

	Part Number	Description	Size (inches)
Pole Mounting Kits			
	PMKG-234-6	For 6” Wide Enclosure - 2”, 3”, 4” Pole	N/A
	PMKG-234-8	For 8” Wide Enclosure - 2”, 3”, 4” Pole	N/A
	PMKG-234-10	For 10” Wide Enclosure - 2”, 3”, 4” Pole	N/A
	PMKG-234-12	For 12” Wide Enclosure - 2”, 3”, 4” Pole	N/A
	PMKG-234-14	For 14” Wide Enclosure - 2”, 3”, 4” Pole	N/A
	PMKG-26	For 6” Wide Enclosure - 2” Pole	N/A
	PMKG-28	For 8” Wide Enclosure - 2” Pole	N/A
	PMKG-210	For 10” Wide Enclosure - 2” Pole	N/A
	PMKG-212	For 12” Wide Enclosure - 2” Pole	N/A
	PMKG-214	For 14” Wide Enclosure - 2” Pole	N/A
	PMKG-216	For 16” Wide Enclosure - 2” Pole	N/A
	PMKG-218	For 18" Wide Enclosure - 2" Pole	N/A
	PMKG-36	For 6” Wide Enclosure - 3” Pole	N/A
	PMKG-38	For 8” Wide Enclosure - 3” Pole	N/A
	PMKG-310	For 10” Wide Enclosure - 3” Pole	N/A
	PMKG-312	For 12” Wide Enclosure - 3” Pole	N/A
	PMKG-314	For 14” Wide Enclosure - 3” Pole	N/A
	PMKG-316	For 16” Wide Enclosure - 3” Pole	N/A
	PMKG-318	For 18" Wide Enclosure - 3" Pole	N/A
	PMKG-46	For 6” Wide Enclosure - 4” Pole	N/A
	PMKG-48	For 8” Wide Enclosure - 4” Pole	N/A
	PMKG-410	For 10” Wide Enclosure - 4” Pole	N/A
	PMKG-412	For 12” Wide Enclosure - 4” Pole	N/A
	PMKG-414	For 14” Wide Enclosure - 4” Pole	N/A
	PMKG-416	For 16” Wide Enclosure - 4” Pole	N/A
	PMKG-418	For 18" Wide Enclosure - 4" Pole	N/A
	PMKG-126	For 6” Wide Enclosure - 12” Pole	N/A
	PMKG-128	For 8" Wide Enclosure - 12" Pole	N/A
	PMKG-1210	For 10" Wide Enclosure - 12" Pole	N/A
	PMKG-1212	For 12" Wide Enclosure - 12" Pole	N/A
	PMKG-1214	For 14" Wide Enclosure - 12" Pole	N/A
	PMKG-1216	For 16” Wide Enclosure - 12” Pole	N/A
	PMKG-1218	For 18" Wide Enclosure - 12" Pole	N/A

IMPACT SERIES ACCESSORIES

	Part Number	Description	Size (inches)
Miscellaneous Accessories			
	DIN4-IMP	DIN Rail Kit 4” (2 rails, 4 tapping screws)	3.82 x 1.39
	DIN5-IMP	DIN Rail Kit 5” (2 rails, 4 tapping screws)	4.88 x 1.39
	DIN6-IMP	DIN Rail Kit 6” (2 rails, 4 tapping screws)	4.50 x 1.39
	DIN8-IMP	DIN Rail Kit 8” (2 rails, 4 tapping screws)	6.75 x 1.39
	KIT-FAN-120VAC-30	Fan Kit - 120 VAC	N/A
	KIT-FAN-120VAC-84	Fan Kit - 120 VAC	N/A
	KIT-FAN-12VDC-135	Fan Kit - 12 VDC	N/A
	KIT-FAN-12VDC-49	Fan Kit - 12 VDC	N/A
	KIT-FAN-24VDC-135	Fan Kit - 24 VDC	N/A
	KIT-FAN-24VDC-49	Fan Kit - 24 VDC	N/A
	KIT-FAN-48VDC-135	Fan Kit - 48 VDC	N/A
	KIT-FAN-48VDC-50	Fan Kit - 48 VDC	N/A
	KIT-NMLL-063	Non-Metallic Latch Kit - For Impact® (except P9082) includes 1 latch	N/A
	SP-8	Screw Pack - 10 pcs - For Impact® line (except P9082) bosses	N/A
	SP-10I	Screw Pack - 10 pcs - For Impact® P9082 bosses	N/A
	SSLL-KIT	Stainless Steel Locking Latch Kit (includes one latch with hardware)	N/A
	Vent 2	Outdoor Labyrinth Vent	N/A
	Vent 3	3" Aluminum Louvered Vent	N/A
Aluminum Back Panels (Four mounting screws included)			
	ABP-44-IMP	Aluminum Back Panel for Impact® 4”x4” Enclosure	3.50 x 3.50
	ABP-55-IMP	Aluminum Back Panel for Impact® 5”x5” Enclosure	4.06 x 4.06
	ABP-64-IMP	Aluminum Back Panel for Impact® 6”x4” Enclosure	3.05 x 5.05
	ABP-66-IMP	Aluminum Back Panel for Impact® 6”x6” Enclosure	4.88 x 4.88
	ABP-86-IMP	Aluminum Back Panel for Impact® 8”x6” Enclosure	6.75 x 4.88
	ABP-98-IMP	Aluminum Back Panel for Impact® 9”x8” Enclosure	6.75 x 6.88
	ABP-108-IMP	Aluminum Back Panel for Impact® 10”x8” Enclosure	8.75 x 6.88
Steel Back Panels (Four mounting screws included)			
	SBP-44-IMP	Steel Back Panel for Impact® 4”x4” Enclosure	3.50 x 3.50
	SBP-55-IMP	Steel Back Panel for Impact® 5”x5” Enclosure	4.06 x 4.06
	SBP-64-IMP	Steel Back Panel for Impact® 6”x4” Enclosure	3.05 x 5.05
	SBP-66-IMP	Steel Back Panel for Impact® 6”x6” Enclosure	4.88 x 4.88
	SBP-86-IMP	Steel Back Panel for Impact® 8”x6” Enclosure	6.75 x 4.88
	SBP-98-IMP	Steel Back Panel for Impact® 9”x8” Enclosure	6.75 x 6.88
	SBP-108-IMP	Steel Back Panel for Impact® 10”x8” Enclosure	8.75 x 6.88
PVC Back Panels (Four mounting screws included)			
	PVCBP44-IMP	PVC Panel for Impact® 4”x4” Enclosure	3.50 x 3.50
	PVCBP55-IMP	PVC Panel for Impact® 5”x5” Enclosure	4.06 x 4.06
	PVCBP64-IMP	PVC Panel for Impact® 6”x4” Enclosure	3.05 x 5.05
	PVCBP66-IMP	PVC Panel for Impact® 6”x6” Enclosure	4.88 x 4.88
	PVCBP86-IMP	PVC Panel for Impact® 8”x6” Enclosure	6.75 x 4.88
	PVCBP98-IMP	PVC Panel for Impact® 9”x8” Enclosure	6.75 x 6.88
	PVCBP108-IMP	PVC Panel for Impact® 10”x8” Enclosure	8.75 x 6.88

IMPACT SERIES ACCESSORIES (CONT.)

	Part Number	Description	Size (inches)
Aluminum Face Plates			
	AFP44-IMP	Aluminum Face Plate for P4043 Enclosures	4.29 x 4.29
	AFP55-IMP	Aluminum Face Plate for P5053 Enclosures	4.92 x 4.92
	AFP64-IMP	Aluminum Face Plate for P6044 Enclosures	5.92 x 3.92
	AFP66-IMP	Aluminum Face Plate for P6063 Enclosures	5.93 x 5.93
	AFP86-IMP	Aluminum Face Plate for P8063 Enclosures	7.93 x 5.93
	AFP108-IMP	Aluminum Face Plate for P1008 Enclosures	9.88 x 7.88
Steel Face Plates - White Powder Coating			
	SFP44-IMP	Steel Powder Coated Face Plate for P4043 Enclosures	4.29 x 4.29
	SFP55-IMP	Steel Powder Coated Face Plate for P5053 Enclosures	4.92 x 4.92
	SFP64-IMP	Steel Powder Coated Face Plate for P6044 Enclosures	5.92 x 3.92
	SFP66-IMP	Steel Powder Coated Face Plate for P6063 Enclosures	5.93 x 5.93
	SFP86-IMP	Steel Powder Coated Face Plate for P8063 Enclosures	7.93 x 5.93
	SFP108-IMP	Steel Powder Coated Face Plate for P1008 Enclosures	9.88 x 7.88
Face Plate Kits and Parts			
Face Plate Kit for P4043, P5053 & P6044 Enclosures	CB43-IMP*	Support Rails and Screws for P4043 face plate (panel not included)	N/A
	CB53-IMP*	Support Rails and Screws for P5053 face plate (panel not included)	N/A
	CB64-IMP*	Support Rails and Screws for P6044 face plate (panel not included)	N/A
	AFPK44-IMP*	Aluminum Face Plate Kit for P4043 (Includes Panel and Support Kit)	N/A
	AFPK55-IMP*	Aluminum Face Plate Kit for P5053 (Includes Panel and Support Kit)	N/A
	AFPK64-IMP*	Aluminum Face Plate Kit for P6044 (Includes Panel and Support Kit)	N/A
	AFPK66-IMP	Aluminum Face Plate Kit for P6063 (Includes Panel and Hardware)	N/A
	AFPK86-IMP	Aluminum Face Plate Kit for P8063 (Includes Panel and Hardware)	N/A
	AFPK108-IMP	Aluminum Face Plate Kit for P1008 (Includes Panel and Hardware)	N/A
Face Plate Kit for P6063, P8063 Enclosures	SFPK44-IMP*	Steel Face Plate Kit for P4043 (Includes Panel and Support Kit)	N/A
	SFPK55-IMP*	Steel Face Plate Kit for P5053 (Includes Panel and Support Kit)	N/A
	SFPK64-IMP*	Steel Face Plate Kit for P6044 (Includes Panel and Support Kit)	N/A
	SFPK66-IMP	Steel Face Plate Kit for P6063 (Includes Panel and Hardware)	N/A
	SFPK86-IMP	Steel Face Plate Kit for P8063 (Includes Panel and Hardware)	N/A
	SFPK108-IMP	Steel Face Plate Kit for P1008 (Includes Panel and Hardware)	N/A
Swing Panels (Hardware Not Included)			
	ASWP66-IMP	Aluminum Swing Panel for P6063 Enclosures	5.90 x 5.38
	ASWP86-IMP	Aluminum Swing Panel for P8063 Enclosures	7.38 x 5.93
	SSWP66-IMP	Steel Swing Panel for P6063 Enclosures	5.90 x 5.38
	SSWP86-IMP	Steel Swing Panel for P8063 Enclosures	7.38 x 5.90
Swing Panel Kits and Parts			
	SOPK66-86-IMP	Swing Panel Hardware Kit for P6063 and P8063 (Panel Not Included)	N/A
	ASWPK66-IMP	Aluminum Swing Panel Kit for P6063 (Includes Panel and Hardware)	N/A
	ASWPK86-IMP	Aluminum Swing Panel Kit for P8063 (Includes Panel and Hardware)	N/A
	ABP-108-USOPK	Aluminum Swing Panel Kit for P1008 (Panel and Hardware)	N/A
	SSWPK66-IMP	Steel Swing Panel Kit for P6063 (Includes Panel and Hardware)	N/A
	SSWPK86-IMP	Steel Swing Panel Kit for P8063 (Includes Panel and Hardware)	N/A
	SBP-108-USOPK	Steel Swing Panel Kit for P1008 (Panel and Hardware)	N/A

*** Patent # 10,516,256**

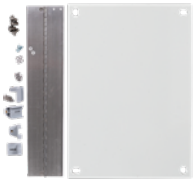
IMPACT SERIES ACCESSORIES (CONT.)

	Part Number	Description	Size (inches)
Replacement Covers (Includes Cover with Gasket - Hasp Latches Not Included)			
	P44CHO-RPL	Standard hinge | Opaque | Integrated latch	4 x 4
	P44CHC-RPL	Standard hinge | Clear | Integrated latch	4 x 4
	P44CHOLL-RPL	Standard hinge | Opaque | Hasp latch	4 x 4
	P44CHCLL-RPL	Standard hinge | Clear | Hasp latch	4 x 4
	P44CLPO-RPL	Low profile hinge | Opaque | Integrated latch	4 x 4
	P44CLPC-RPL	Low profile hinge | Clear | Integrated latch	4 x 4
	P44CLPOLL-RPL	Low profile hinge | Opaque | Hasp latch	4 x 4
	P44CLPCLL-RPL	Low profile hinge | Clear | Hasp latch	4 x 4
	P55CHO-RPL	Standard hinge | Opaque | Integrated latch	5 x 5
	P55CHC-RPL	Standard hinge | Clear | Integrated latch	5 x 5
	P55CHOLL-RPL	Standard hinge | Opaque | Hasp latch	5 x 5
	P55CHCLL-RPL	Standard hinge | Clear | Hasp latch	5 x 5
	P55CLPO-RPL	Low profile hinge | Opaque | Integrated latch	5 x 5
	P55CLPC-RPL	Low profile hinge | Clear | Integrated latch	5 x 5
	P55CLPOLL-RPL	Low profile hinge | Opaque | Hasp latch	5 x 5
	P55CLPCLL-RPL	Low profile hinge | Clear | Hasp latch	5 x 5
	P64CHO-RPL	Standard hinge | Opaque | Integrated latch	6 x 4
	P64CHC-RPL	Standard hinge | Clear | Integrated latch	6 x 4
	P64CHOLL-RPL	Standard hinge | Opaque | Hasp latch	6 x 4
	P64CHCLL-RPL	Standard hinge | Clear | Hasp latch	6 x 4
	P64CLPO-RPL	Low profile hinge | Opaque | Integrated latch	6 x 4
	P64CLPC-RPL	Low profile hinge | Clear | Integrated latch	6 x 4
	P64CLPOLL-RPL	Low profile hinge | Opaque | Hasp latch	6 x 4
	P64CLPCLL-RPL	Low profile hinge | Clear | Hasp latch	6 x 4
	P66CHO-RPL	Standard hinge | Opaque | Integrated latch	6 x 6
	P66CHC-RPL	Standard hinge | Clear | Integrated latch	6 x 6
	P66CHOLL-RPL	Standard hinge | Opaque | Hasp latch	6 x 6
	P66CHCLL-RPL	Standard hinge | Clear | Hasp latch	6 x 6
	P66CLPO-RPL	Low profile hinge | Opaque | Integrated latch	6 x 6
	P66CLPC-RPL	Low profile hinge | Clear | Integrated latch	6 x 6
	P66CLPOLL-RPL	Low profile hinge | Opaque | Hasp latch	6 x 6
	P66CLPCLL-RPL	Low profile hinge | Clear | Hasp latch	6 x 6
	P86CHO-RPL	Standard hinge | Opaque | Integrated latch	8 x 6
	P86CHC-RPL	Standard hinge | Clear | Integrated latch	8 x 6
	P86CHOLL-RPL	Standard hinge | Opaque | Hasp latch	8 x 6
	P86CHCLL-RPL	Standard hinge | Clear | Hasp latch	8 x 6
	P86CLPO-RPL	Low profile hinge | Opaque | Integrated latch	8 x 6
	P86CLPC-RPL	Low profile hinge | Clear | Integrated latch	8 x 6

IMPACT SERIES ACCESSORIES (CONT.)

	Part Number	Description	Size (inches)
Replacement Covers (Includes Cover with Gasket - Hasp Latches Not Included)			
	P86CLPOLL-RPL	Low profile hinge I Opaque Hasp latch	8 x 6
	P86CLPCLL-RPL	Low profile hinge I Clear I Hasp latch	8 x 6
	P98CHO-RPL	Standard hinge I Opaque I Integrated latch	9 x 8
	P98CHC-RPL	Standard hinge I Clear I Integrated latch	9 x 8
	P108CHO-RPL	Standard hinge I Opaque I Integrated latch	10 x 8
	P108CHC-RPL	Standard hinge I Clear I Integrated latch	10 x 8
	P108CHOLL-RPL	Standard hinge I Opaque I Hasp latch	10 x 8
	P108CHCLL-RPL	Standard hinge I Clear I Hasp latch	10 x 8
	P108CLPO-RPL	Low profile hinge I Opaque I Integrated latch	10 x 8
	P108CLPC-RPL	Low profile hinge I Clear I Integrated latch	10 x 8
	P108CLPOLL-RPL	Low profile hinge I Opaque I Hasp latch	10 x 8
	P108CLPCLL-RPL	Low profile hinge I Clear I Hasp latch	10 x 8
Pole Mounting Kits			
	PMKG-25-IMP	For 5” Enclosure - 2” pole	N/A
	PMKG-26-IMP	For 6” Enclosure - 2” pole	N/A
	PMKG-28-IMP	For 8” Enclosure - 2” pole	N/A
	PMKG-35-IMP	For 5” Enclosure - 3” pole	N/A
	PMKG-36-IMP	For 6” Enclosure - 3” pole	N/A
	PMKG-38-IMP	For 8” Enclosure - 3” pole	N/A
	PMKG-45-IMP	For 5” Enclosure - 4” pole	N/A
	PMKG-46-IMP	For 6” Enclosure - 4” pole	N/A
	PMKG-48-IMP	For 8” Enclosure - 4” pole	N/A
	PMKG-125-IMP	For 5” Enclosure - 10" to 12” pole	N/A
	PMKG-126-IMP	For 6” Enclosure - 10" to 12” pole	N/A
	PMKG-128-IMP	For 8” Enclosure - 10" to 12” pole	N/A
	CAMKG-610-IMP	6” Cross Arm Pole Mount Kit for P9082	N/A
	PMKG-2346-IMP	Universal Pole Mount Kit for all Impact Enclosures. For 2"-6" Pole	N/A
	PMKG-12-IMP	Universal Pole Mount Kit for all Impact Enclosures. For 12" Pole	N/A

GENESIS SERIES ACCESSORIES

	Part Number	Description	Size (inches)
Back Panels (Four mounting screws included)			
	ABP-2016	Aluminum back panel for G201608	18.88 x 14.88
	ABP-2016-XL	Aluminum back panel for G201608	19.40 x 15.40
	ABP-2016-XXL	Aluminum back panel for G201608	21.09 x 17.09
	ABP-2424	Aluminum back panel for G242410	21 x 21
	ABP-2424-XL	Aluminum back panel for G242410	22.13 x 22.13
	ABP-2424-XXL	Aluminum back panel for G242410	23.25 x 23.25
	SBP-2016	Steel back panel for G201608	18.88 x 14.88
	SBP-2016-XL	Steel back panel for G201608	19.40 x 15.40
	SBP-2016-XXL	Steel back panel for G201608	21.09 x 17.09
	SBP-2424	Steel back panel for G242410	21 x 21
	SBP-2424-XL	Steel back panel for G242410	22.13 x 22.13
	SBP-2424-XXL	Steel back panel for G242410	23.25 x 23.25
	PVCBP-2016	PVC back panel for G201608	18.88 x 14.88
	PVCBP-2424	PVC back panel for G242410	21 x 21
Side Panels			
	ASP-2016	Aluminum side panel for G201608	6.25 x 15
	ASP-2424	Aluminum side panel for G242410	7.88 x 21.75
	SSP-2016	Steel side panel for G201608	6.25 x 15
	SSP-2424	Steel side panel for G242410	7.88 x 21.75
Swing Panel Kits & Parts			
	ABP-2016-GSOPK	Aluminum Swing Panel Kit for G201608 (Panel and Hardware)	N/A
	ABP-2424-GSOPK	Aluminum Swing Panel Kit for G242410 (Panel and Hardware)	N/A
	SBP-2016-GSOPK	Steel Swing Panel Kit for G201608 (Panel and Hardware)	N/A
	SBP-2424-GSOPK	Steel Swing Panel Kit for G242410 (Panel and Hardware)	N/A
	GSOPK20	20” Aluminum Hinge for Swing Panel	N/A
	GSOPK24	24” Aluminum Hinge for Swing Panel	N/A
Pole Mounting Kit			
	PMKG-224	For 24” Wide Enclosure - 2” Pole	N/A
	PMKG-324	For 24” Wide Enclosure - 3” Pole	N/A
	PMKG-424	For 24” Wide Enclosure - 4” Pole	N/A
	PMKG-1224	For 24” Wide Enclosure - 10" to 12” Pole	N/A
	PMKG-216-GEN	For 16” Wide Enclosure - 2” Pole	N/A
	PMKG-316-GEN	For 16” Wide Enclosure - 3” Pole	N/A
	PMKG-416-GEN	For 16” Wide Enclosure - 4” Pole	N/A
	PMKG-1216-GEN	For 16” Wide Enclosure - 10 to 12” Pole	N/A
	PMKG-234-16-GEN	Universal Mount for 16" Wide Enclosures - 2" , 3" or 4" Pole	N/A
	PMKG-234-24	Universal Mount for 24" Wide Enclosures - 2" , 3" or 4" Pole	N/A

GENESIS SERIES ACCESSORIES (CONT.)

	Part Number	Description	Size (inches)
Replacement Covers (Includes Cover with Gasket - Hinge Pin and Latches Not Included)			
	G2016CHO-RPL	Opaque Cover for G201608	20 x 16
	G2016CHC-RPL	Clear Cover for G201608	20 x 16
	G2424CHO-RPL	Opaque Cover for G242410	24 x 24
	G2424CHC-RPL	Clear Cover for G242410	24 x 24
Miscellaneous Accessories			
Fan Shroud Kits	DIN16-GEN	DIN Rail Kit 16" (2 rails, 4 screws)	N/A
	DIN24	DIN Rail Kit 24" (2 rails, 4 screws)	N/A
	FS-KIT-1	Fan Shroud Kit- 1 piece (includes gasket and screws)	N/A
	FS-KIT-2	Fan Shroud Kit- 2 piece (includes gasket and screws)	N/A
	FSFK1-G	Fan Shroud Vent Filter Kit - 1 piece (includes Gasket and Screws)	N/A
Multi-Max Rails®	FSFK2-G	Fan Shroud Vent Filter Kit - 2 piece (Includes Gasket and Screws)	N/A
	GMFLK-Screws	Mounting Flange Screws - Set of 10 screws	N/A
	GMFLK24-Set	24"x24"x10" Mounting Flange Set (set of 2 plus hardware)	N/A
Multi-Max Frame	GMMR-Screws	Multi Max Rail® screws - Set of 12 screws	N/A
	GSP10	Self-Tapping Screws for Bosses - 10 Pack	N/A
	GSR2016	20"x16"x08" Multi-Max Frame Stiffener Ring	N/A
	GSR2424	24"x24"x10" Multi-Max Frame Stiffener Ring	N/A
Door Stop Kit	KIT-DOOR-STOP	Door Stop Kit for Genesis Enclosures	N/A
	KIT-GMMR8	Multi-Max Rails® with screws - 8" depth (set of 4 with screws)	N/A
	KIT-GMMR10	Multi-Max Rails® with screws - 10" depth (set of 4 with screws)	N/A
	KIT-GPCL-2PK	Non-Metallic Latches (package containing 2 latches) for 20"x16"x08"	N/A
	KIT-GPCL-4PK	Non-Metallic Latches (package containing 4 latches) for 24"x24"x10"	N/A
Panel Pad Kit	KIT-GPP-2016	Panel Pad Kit - (four panel brackets) for Genesis 20"x16"x08"	N/A
	KIT-GPP-2424	Panel Pad Kit - (four panel brackets) for Genesis 24"x24"x10"	N/A
	KIT-ACCS-G201608	Multi-Max Rails®, Stiffener Ring, Panel Pad Kit and hardware for G201608	N/A
Fan Filter Kits	KIT-ACCS-G242410	Multi-Max Rails®, Stiffener Ring, Panel Pad Kit and hardware for G242410	N/A
	KIT-FAN-120VAC-30	Fan Kit - 120 VAC	N/A
	KIT-FAN-120VAC-84	Fan Kit - 120 VAC	N/A
	KIT-FAN-12VDC-135	Fan Kit - 12 VDC	N/A
	KIT-FAN-12VDC-49	Fan Kit - 12 VDC	N/A
	KIT-FAN-24VDC-135	Fan Kit - 24 VDC	N/A
	KIT-FAN-24VDC-49	Fan Kit - 24 VDC	N/A
	KIT-FAN-48VDC-135	Fan Kit - 48 VDC	N/A
	KIT-FAN-48VDC-50	Fan Kit - 48 VDC	N/A
	9920236-LT	Large Integra Literature Tray - Black	N/A
	9920236-BLANK-LT	Large Literature Tray - Black	N/A
	9920237-LT	Small Integra Literature Tray - Black	N/A
	9920237-BLANK-LT	Small Literature Tray - Black	N/A

STRONGBOX SERIES ACCESSORIES

	Part Number	Description	Size (inches)
Miscellaneous Accessories			
Bolt On Tabs Quarter Turn Latch Forced Air Fan Kits	NEMA-MTKIT	Stainless Steel Bolt-On Tabs with Screws	N/A
	9920236-LT	Large Integra Literature Tray - Black	N/A
	9920236-BLANK-LT	Large Literature Tray - Black	N/A
	9920237-LT	Small Integra Literature Tray - Black	N/A
	9920237-BLANK-LT	Small Literature Tray - Black	N/A
	QTL-SLOT-177	Quarter Turn Latch Assembly	N/A
	QTL-SLOT-256	Quarter Turn Latch Assembly	N/A
	KIT-FAN-120VAC-30	Forced Air Fan Kit - 120 VAC	N/A
	KIT-FAN-120VAC-84	Forced Air Fan Kit - 120 VAC	N/A
	KIT-FAN-12VDC-135	Forced Air Fan Kit - 12 VAC	N/A
	KIT-FAN-12VDC-49	Forced Air Fan Kit - 12 VAC	N/A
	KIT-FAN-24VDC-135	Forced Air Fan Kit - 24 VAC	N/A
	KIT-FAN-24VDC-49	Forced Air Fan Kit - 24 VAC	N/A
	KIT-FAN-48VDC-135	Forced Air Fan Kit - 48 VAC	N/A
	KIT-FAN-48VDC-50	Forced Air Fan Kit - 48 VAC	N/A
Galvanealed Steel Panels for Component Installation			
	PNLB1008GVN	Galvanealed Steel Panel for 10x8 Strongbox enclosure	8.25 x 6
	PNLB1210GVN	Galvanealed Steel Panel for 12x10 Strongbox enclosure	10.25 x 8
	PNLB1412GVN	Galvanealed Steel Panel for 14x12 Strongbox enclosure	12.25 x 10
	PNLB2016GVN	Galvanealed Steel Panel for 20x16 Strongbox enclosure	18.25 x 14
	PNLB2020GVN	Galvanealed Steel Panel for 20x20 Strongbox enclosure	18 x 18
	PNLB2420GVN	Galvanealed Steel Panel for 24x20 Strongbox enclosure	22.25 x 18
	PNLB2424GVN	Galvanealed Steel Panel for 24x24 Strongbox enclosure	22 x 22
	PNLB3024GVN	Galvanealed Steel Panel for 30x24 Strongbox enclosure	28.25 x 22
	PNLB3630GVN	Galvanealed Steel Panel for 36x30 Strongbox enclosure	34.25 x 28

POLYCARBONATE FAQ's

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

A: Each enclosure is shipped with the base and cover assembled and cover gasket installed. Premium enclosures come with a set of cover screws and hole plugs as well as mounting feet and screws. Genesis enclosures come with MultiMax Rail System and mounting flanges.

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

A: Yes. All Integra enclosures have a minimum NEMA 4X rating. NEMA 6P rated enclosures are also available, allowing for temporary submersion up to 6 feet for up to 24 hours.

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

A: Standard color for polycarbonate enclosures is gloss gray but we do stock select sizes in white or black as well. For custom molded color, please refer to page 6 or contact customerservice@integraenclosures.com for a quote.

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

A: Premium, Impact®, and Genesis Series 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 Premium line enclosures are slightly convex. This design creates a much stronger box that is better suited to protect in all environments. "Flat" non-metallic boxes can become warped over time which will cause the box to not seal properly. Integra's innovative design resists warping, creating a water tight seal that lasts!

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

A: Yes, modifications such as machined holes or slots are available on all polycarbonate enclosures. You can also request access to CAD drawings of our enclosures to plan your exact modifications. visit www.IntegraEnclosures.com to register for drawing access and request a custom quote.

Integra can also provide latch installation, DIN-rail installation, or back panel installation. Contact customerservice@integraenclosures.com for more information and a quote.

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

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

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 at intervals of approximately 1 inch, located around the entire perimeter of the enclosure base. 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 pads, which are provided with brass threaded inserts for panel attachment, are held in place by inserting a set screw (BPAK part numbers) or a thumb screws (UBPAK part numbers). These screws lock tight against the T-Rails, keeping your panel in the desired location.

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:

- The engineered polycarbonate enclosure has dramatically better impact resistance. For example, Integra polycarbonate enclosures have an impact resistance of over 900 in-lbs, while fiberglass typically has an impact resistance of less than 220 in-lbs.
- Polycarbonate enclosures are available with a clear cover. For a fiberglass product, an expensive and potentially leaky window installation is required.
- Polycarbonate enclosures feature a 100% non-metallic hinge design. Fiberglass products normally feature a steel hinge pin that will eventually corrode.
- Polycarbonate 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. Integra also offers the patented Back Panel Adjustment System, which eliminates the need for expensive stand-offs and allows for the installation of multiple panels.
- Polycarbonate enclosures are much easier and safer to machine, with none of the dust and splintering associated with fiberglass.
- Fiberglass enclosures will "bloom" when exposed to sunlight. In fact, manufacturers of FRP enclosures recommend painting their products. This is not necessary with Integra polycarbonate 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 offers multiple configurations of NEMA 6P / IP68 rated enclosures which can offer protection in underground vaults and other locations that have the potential to flood. Integra 6P rated enclosures remain water tight in up to 6 feet of water for up to 24 hours.

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 and cover made of 304 stainless steel and polyurethane foam-in-place gasket. The enclosure also comes with a quarter-turn latch, rivet nuts and bolt-on mounting tabs, removable 316 Stainless Steel hinge (Pinge™), B.P. standoffs and grounding lugs.

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 metal NEMA 4X enclosures are constructed in accordance with the UL508A 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 galvanneal. 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, multiple decoration methods are available. Please contact the factory directly for a quote.

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 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 remain 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 93 for NEMA rating details.

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 MAY 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	D
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
Fuel Oil (#2)	S	S	U	S	S
Gasoline	-	U	S	S	S
Glycerin	-	L	S	S	S

CHEMICAL RESISTANCE

CHEMICAL	POLYCARBONATE	ABS	POLYESTER GLASS	STAINLESS STEEL	STEEL
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

NEMA / UL-50 TYPE RATINGS

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.

TERMS & CONDITIONS

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.