



LEADING THE WAY IN POLYCARBONATE & STAINLESS STEEL ENCLOSURES

PRODUCT CATALOG

VOL 24



PREMIUM SERIES

IMPACT SERIES

GENESIS SERIES

CUSTOM METAL

ATEX RATED



A Division of MUM Industries

ABOUT INTEGRA

Manufactured, Assembled and Stocked in the USA.

Integra Enclosures manufactures engineered polycarbonate and stainless steel enclosures designed for use in remote monitoring, water treatment, car wash, telecommunication, instrumentation, utility, food and beverage, HVAC, or any other application requiring enclosures which are non-corrosive and weather resistant.

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.



WHY INTEGRA

If you are working on a new design that requires a NEMA 4X or 6P, UL listed enclosure, here are some reasons you will want to consider us:

- **Durability:** Integra enclosures are engineered to withstand harsh environments, backed by the highest impact and protection ratings in the industry.
- **Enclosure Options:** Integra has one of the widest selections of enclosure sizes and configurations to fit any application.
- **Customization:** Integra offers a full range of modification options including machining, artwork, and accessories - providing you with a full enclosure solution.
- **Aesthetics:** Integra polycarbonate and stainless steel enclosures are manufactured with close attention to detail - providing a great looking finished product. Plus, our quality materials continue looking great, even in harsh outdoor environments, for decades.
- **Factory-Direct:** Integra enclosures are shipped on your schedule.
- **American Made:** Proudly manufactured in the United States using U.S. sourced materials.



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POLYCARBONATE ENCLOSURES

ENGINEERED FOR LIGHT WEIGHT DURABILITY

Integra's Polycarbonate enclosures are engineered for real-world conditions, providing reliable protection for your components in the harshest environments. Our products are highly versatile and can be customized to suit a wide range of applications. Each product line offers lasting durability, ensuring your components remain safe and secure to support critical operations.



WEATHER PROTECTION

Integra polycarbonate enclosures carry an f1 rating for excellent UV protection. Built to withstand harsh, outdoor environments.



IMPACT RESISTANT

Polycarbonate enclosures have a higher tensile strength compared to other materials. Integra's enclosures carry an impact rating of IK10 for up to 20 joules of force.



EASE OF MODIFICATION

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



ECO-FRIENDLY

Polycarbonate can be recycled in both the manufacturing process or at the end of its usable life.

POLYCARBONATE APPLICATIONS

- **ALTERNATIVE ENERGY:** Integra's highly durable weatherproof enclosures provide reliable protection against sun, wind, water, and ice ensuring your equipment remains safe and operational. These enclosure are designed to withstand the toughest outdoor conditions.
- **WATER TREATMENT:** Integra's NEMA 4X and 6P enclosures are engineered to handle spray downs, dripping water, rain or sleet and can be temporarily submersed for up to 24 hours. Making them ideal for rugged industrial and municipal settings and remote tank monitoring.
- **COMMUNICATIONS:** Polycarbonate enclosures are non-conductive offering enhanced signal strength for radio and electromagnetic waves. It's lightweight makes it ideal for field installation while protecting your components from impacts, weather and vandalism.
- **MARINE & MARINA:** Whether on a ship, at a port or in a marina Integra's polycarbonate enclosures protect your electronic components from harmful saltwater, wind, and UV radiation. Our waterproof 6P enclosures can withstand temporary submersion for up to 24 hrs, ensuring your components remain intact.



STAINLESS STEEL ENCLOSURES

DESIGNED FOR PERFORMANCE AND STRENGTH

Integra's stainless steel enclosures are designed for performance and strength providing unmatched durability and protection in demanding environments. Engineered to withstand corrosion, impact, and harsh conditions, these enclosures deliver long lasting reliability while maintaining an attractive appearance. Stainless steel enclosures ensure that critical components remain safe, secure, and operational.



CORROSION RESISTANT

Stainless steel is naturally rust resistant and requires very little maintenance.



HEAT DISSIPATION

Stainless steel's high reflective value means it won't absorb heat and UV rays like other materials. This minimizes internal temperature and protects from overheating.



CUSTOMIZABLE

Integra offers multiple customization options to build the enclosure that meets the needs of your application.



CHAMELEON EFFECT

Natural reflectivity and smooth brushed finish provides an unobtrusive quality that blends into the environment.

STAINLESS STEEL APPLICATIONS

- **FOOD PRODUCTION:** Integra's NEMA 4X stainless steel enclosures keep critical electronics safe from food acids, washdowns, and chemicals. These enclosures are able to stand up to the high heat and humidity found in food processing applications.
- **MINING:** Integra's dust and water-tight enclosures are built to handle the tough conditions of mining and earth moving applications. Whether mounted to heavy machinery or deep in a mine, NEMA 4X stainless steel enclosures will protect critical controls from dust and debris, rain, fluctuating temperatures, and accidental impacts.
- **AUTOMATION:** Custom stainless steel enclosures are ideal for automation and machine building. Integra offers precise machining for connectors and push buttons as well as a wide range of latching and mounting options to meet any application.
- **OIL & GAS:** Rugged, stainless steel enclosures are built to meet the wide range of applications in the oil and gas sector. Chemical, corrosion and weather resistant, Integra's NEMA 4X enclosures can handle to harsh environments of this industry.



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

POLYCARBONATE

MOLDED COLOR

- Match your company's brand
- Blend into the environment
- UL Rated
- Contact factory for details



SMOKE COVERS

- Tinted clear covers help conceal components.
- Impact Resistant Polycarbonate
- UV Resistant

*Contact factory for details



STAINLESS STEEL

POWDER COATED

- 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** marks a durable, grayscale image into the plastic. Great for simple graphics and text.
- **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 or outlined.
- **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 showing location and size of art

POLYCARBONATE LINES



PREMIUM SERIES



OFFERING THE MOST SIZES, STYLES & ACCESSORIES

SIZES: 6x6x2 through 18x16x10

LATCHES: Stainless Steel Locking Latch, Non-Metallic Locking Latch

HINGES: EZ Hinge, Lift Off Screw Cover

COVERS: Opaque, Clear

RATINGS: UL-50 / c-UL Listed, UL/cUL NEMA 4X and 6P

- Unique T-Rail mounting system to completely adjust panels and face plates
- Includes enclosure foot mount or flange mount system
- Brass boss inserts for easy panel installation
- Wide range of options and accessories to meet any application

IMPACT SERIES



MOST FREQUENCY FRIENDLY WITH METAL FREE CONFIGURATIONS

SIZES: 4x4x3 through 12x10x4

LATCHES: Integrated Locking Latch, Stainless Steel or Non-Metallic Locking Latch

HINGES: EZ Hinge, Low Profile Continuous Hinge

COVERS: Opaque, Clear

RATINGS: UL-50 / c-UL Listed, UL/cUL NEMA 4X and 6P

- Integrated mounting flanges
- Advanced interior mounting system for circuit boards, face plates, swing panels and more
- Multiple molded-in bosses to secure components
- Ideal for remote monitoring and Wi-Fi applications

GENESIS SERIES



LARGEST SIZES WITH MOST VERSATILE MOUNTING OPTIONS

SIZES: 20x16x8 and 24x24x10

LATCHES: 3-Point Locking Latch, Quarter-Turn Latch, Non-Metallic Locking Latch

HINGES: Continuous Piano Hinge

COVERS: Opaque, Clear

RATINGS: UL-50 / c-UL Listed, UL/cUL NEMA 4X and 6P

- MULTI-MAX frame ring provides unmatched strength and rigidity
- Optional swing panel includes full piano hinge to add additional strength
- Great for battery storage and car wash applications



CUSTOM METAL LINES

CUSTOM METAL



HIGH QUALITY NEMA 4X ENCLOSURES, BUILT TO SPEC

CUSTOM SIZES: Up to 90" in height

STYLES: Wall Mount, Free Standing and Floor Mount

LATCHES: 3-Point Locking Latch, Quarter-Turn Latch, Stainless Steel Hasp Latch, Door Clamps

HINGES: Pin Hinge, Continuous Hinge, Lift Off Hinge

RATINGS: UL / c-UL Listed, UL/cUL NEMA 3R,3SX,4,4X

APPLICATIONS:

- Food Production and Packaging
- Chemical Mixing
- Motor Control System
- Water Treatment

ProtectEx SERIES



HEAVY DUTY ENCLOSURES FOR HAZARDOUS LOCATIONS

CUSTOM SIZES: Up to 90" in height

STYLES: Wall Mount, Free Standing

RATINGS: UL / c-UL Listed, UL/cUL NEMA 3R,3SX,4,4X

CERTIFICATIONS: Certified ATEX 2014/34/EU and IECEx:60079

- Class I, Div 2, Groups A, B, C, D
- Class II/III, Div 2, Groups F and G
- Class I, Zone 1 & Zone 21

APPLICATIONS:

- Wastewater
- Food and Beverage
- Chemical Processing
- Oil and Gas
- Agriculture

STORM SERIES



SUBMERSIBLE ENCLOSURES FOR YOUR WORST CASE SCENARIO

CUSTOM SIZES: Up to 26x26x12

LATCHES: Stainless Steel Lever Latches

HINGES: Heavy Duty Lift-off Hinges with Reversible Door Swing

RATINGS: IP68 Rated

CERTIFICATIONS: Approved for temporary submersion at 30 feet for up to 7 days

APPLICATIONS:

- Utility
- Marine
- Mining
- Wastewater



PREMIUM SERIES

PREMIUM SERIES OVERVIEW



NEMA 4X and 6P Protection

All Integra enclosures are UL NEMA rated, protecting your controls from water, dust, oil and dirt.

- NEMA 4X - Water and corrosion resistant
- NEMA 6P - Temporarily submersible in up to 6 feet of water, up to 24 hours



Wide Operating Temperature Range

Integra's polycarbonate holds its tensile strength better than other non-metallic materials over a wide temperature range.

- -31°F up to 266°F (-35°C up to 130°C)



Impact Resistant

Integra's enclosures have been rigorously tested to meet and exceed industry standard UL-746C and IEC 62262 testing.

- IK10 rated withstanding up to 20 Joules



OEM Solutions

Integra's full suite of modification services are available for all enclosure styles and sizes including:

- In-house machining for enclosures and panels
- Printing and Laser Marking
- Bulk Packaging
- Custom Colors

• Unique T-Rail Panel Suspension System

The optional panel brackets attach to the T-Rails allowing full control of panel height as well as multiple panels at different heights.

• EZ Hinge

Integra's standard hinges allow for easy door removal or replacement while permitting a full 225-degree door swing.

• Crystal Clear Covers

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

• Molded in Mounting Bosses

All of the Premium Series enclosures have extra mounting bosses molded into the rear wall to permit self-tapping screws as well as brass inserts* in the corner bosses for easy installation of DIN rail, sub panels and components.

• Lift-Off Covers

Choose between hinged covers or non-hinged lift off covers to meet your application.

Reach out to our experienced team to discuss your unique requirements.
(Minimums may apply)

*Brass inserts not available on 10x8x2



PREMIUM SERIES

**CUSTOM
MACHINING
AVAILABLE**

**BRASS INSERTS
FOR SCREW
CLOSURE**

**TAGGABLE/
LOCKABLE
LATCHES**

**BRASS INSERTS
IN CORNER
BOSSSES**

**MOLDED IN
MOUNTING
BOSSSES**

**T-RAIL PANEL
SUSPENSION
SYSTEM**

**FULL COLOR
PRINTING
AVAILABLE**



6X6X2 PREMIUM SERIES



Mounting Feet



Mounting Flanges



Features & Benefits

- **Quality Material:** Bases and Covers are all made of high-impact, UV resistant polycarbonate.
- **Flexible Interior Mounting:** Featuring the unique and patented "T-Rail" mounting system to completely adjust panels and face plates.
(Back Panel and Adjustable Brackets sold separately)
- **Wide Range of Sizes:** Configurations and Accessories provide capabilities for every application.
- **Brass Threads:** Inserted into corner bosses for easy component installation.
- **Impact Resistant:** Meets or exceeds UL-746C and IEC 62262 requirements.
- **Standard Color:** Light Gray (Black and White available on certain configurations, contact factory for details)
- **UL/cUL Listed:** (File # E229365, # E207562)

Mechanical & Thermal Properties

Impact Rating: IK10 (20 Joules)

UL 94 Flame Rated

Outdoor UV Exposure: f1 Rated

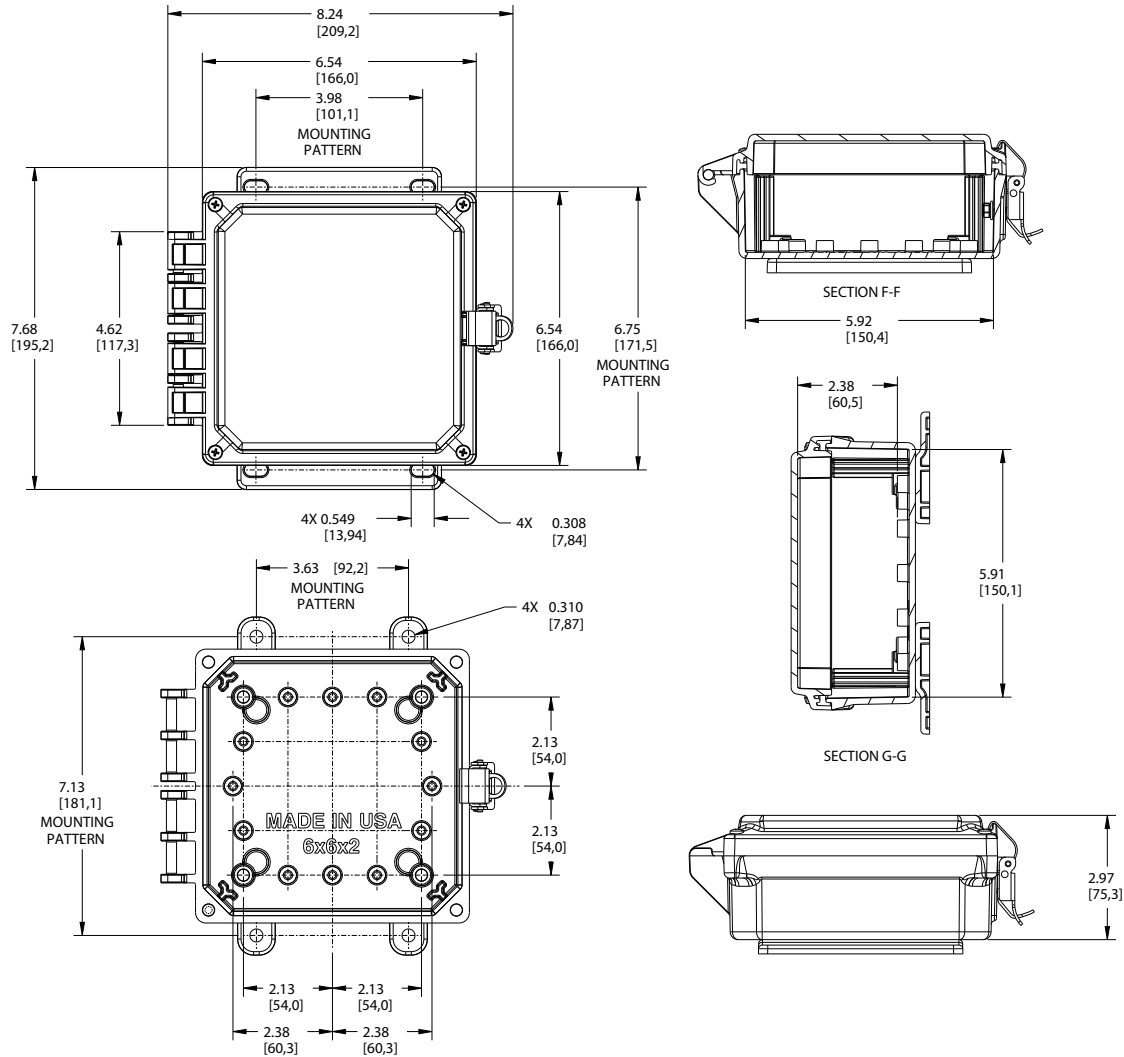
Temperature Range: -31°F up to 266°F (-35°C up to 130°C)

Part Number	NEMA 4X (IP66)	NEMA 6P (IP68)	Hinged Cover	Screw Closure	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.



6X6X2 PREMIUM SERIES



TORQUE SPECIFICATIONS:

Mounting Feet - 1/4"-20 x 0.5" Phillips countersunk drive screw SS (torque limit = 32 in lbs)

Covers/Doors - #10-32 x 0.75" Phillips fillister head captive screw SS (torque limit = 10 in lbs)

Panels - #10-32 x 0.3125" Phillips pan head screw 18-8 SS (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 91-95)



Back Panels

ABP-66 - Aluminum panel
SBP-66 - Steel panel
PVCBP-66 - PVC panel



Aluminum Swing Panel Kits

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 2 - Outdoor labyrinth
VENT 3 - Aluminum louvered



Steel Swing Panel Kits

SBP-66-USOPK - Complete kit
SBP-66USP - Panel only
USOPK - Hardware only



Cord Grips & Hole Plugs

IP68/NEMA 6P Rated
See page 89 for more details
and part numbers.



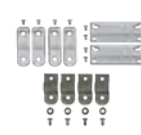
Din Rail

DIN6 - 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

MFK-G - Gray, Mounting Feet
MFKSS - Stainless Steel Feet
MFLK6 - 6" Flange kit



6X6X4 PREMIUM SERIES



Mounting Feet



Mounting Flanges



Features & Benefits

- **Quality Material:** Bases and Covers are all made of high-impact, UV resistant polycarbonate.
- **Flexible Interior Mounting:** Featuring the unique and patented "T-Rail" mounting system to completely adjust panels and face plates.
(Back Panel and Adjustable Brackets sold separately)
- **Wide Range of Sizes:** Configurations and Accessories provide capabilities for every application.
- **Brass Threads:** Inserted into corner bosses for easy component installation.
- **Impact Resistant:** Meets or exceeds UL-746C and IEC 62262 requirements.
- **Standard Color:** Light Gray (Black and White available on certain configurations, contact factory for details)
- **UL/cUL Listed:** (File # E229365, # E207562)

Mechanical & Thermal Properties

Impact Rating: IK10 (20 Joules)

UL 94 Flame Rated

Outdoor UV Exposure: f1 Rated

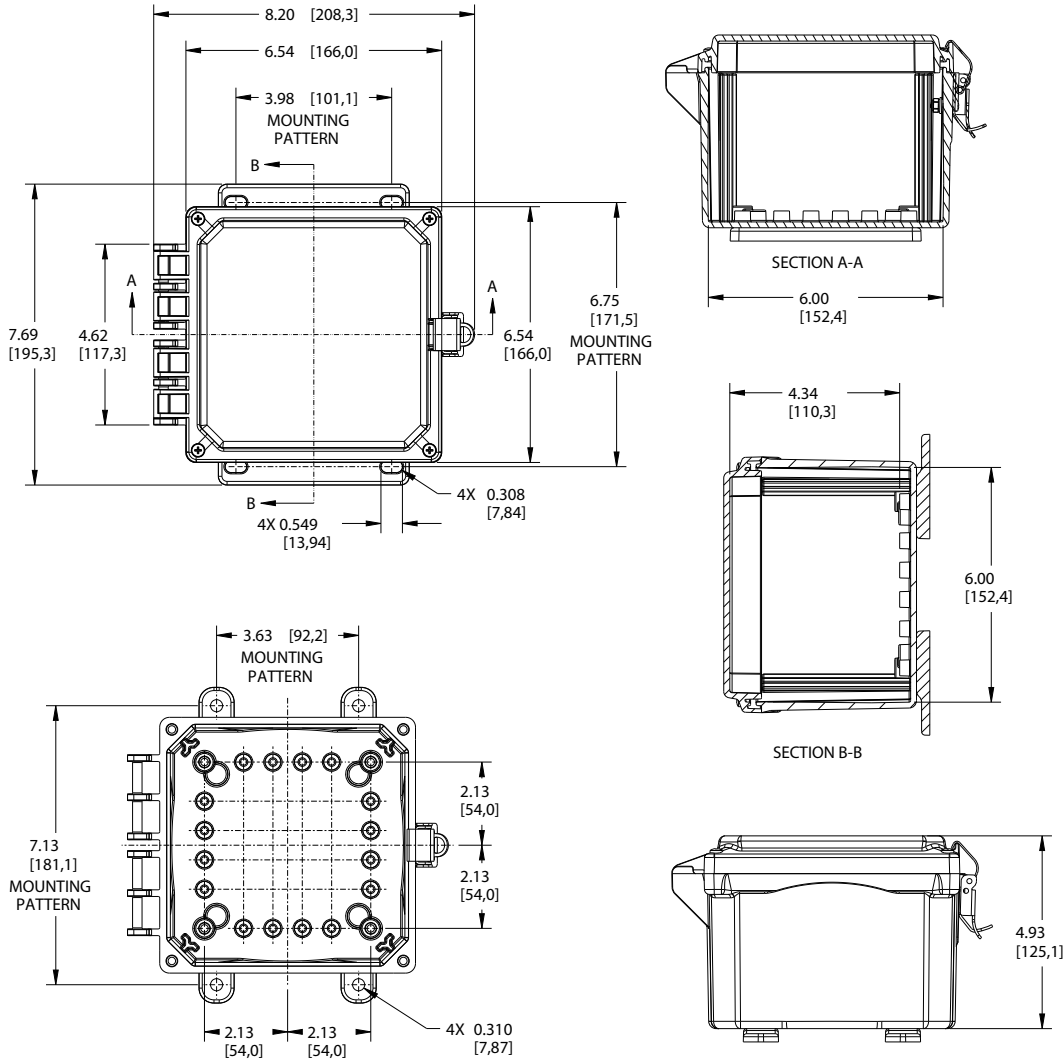
Temperature Range: -31°F up to 266°F (-35°C up to 130°C)

Part Number	NEMA 4X (IP66)	NEMA 6P (IP68)	Hinged Cover	Screw Closure	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.



6X6X4 PREMIUM SERIES



TORQUE SPECIFICATIONS:

Mounting Feet - 1/4"-20 x 0.5" Phillips countersunk drive screw SS (torque limit = 32 in lbs)

Covers/Doors - #10-32 x 0.75" Phillips fillister head captive screw SS (torque limit = 10 in lbs)

Panels - #10-32 x 0.3125" Phillips pan head screw 18-8 SS (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 91-95)



Back Panels

ABP-66 - Aluminum panel
SBP-66 - Steel panel
PVCBP-66 - PVC panel



Aluminum Swing Panel Kits

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 2 - Outdoor labyrinth
VENT 3 - Aluminum louvered



Steel Swing Panel Kits

SBP-66-USOPK - Complete kit
SBP-66USP - Panel only
USOPK - Hardware only



Cord Grips & Hole Plugs

IP68/NEMA 6P Rated
See page 89 for more details
and part numbers.



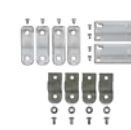
Din Rail

DIN6 - 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

MFK-G - Gray, Mounting Feet
MFKSS - Stainless Steel Feet
MFLK6 - 6" Flange kit



8X6X4 PREMIUM SERIES



Mounting Feet



Mounting Flanges



Features & Benefits

- **Quality Material:** Bases and Covers are all made of high-impact, UV resistant polycarbonate.
- **Flexible Interior Mounting:** Featuring the unique and patented "T-Rail" mounting system to completely adjust panels and face plates.
(Back Panel and Adjustable Brackets sold separately)
- **Wide Range of Sizes:** Configurations and Accessories provide capabilities for every application.
- **Brass Threads:** Inserted into corner bosses for easy component installation.
- **Impact Resistant:** Meets or exceeds UL-746C and IEC 62262 requirements.
- **Standard Color:** Light Gray (Black and White available on certain configurations, contact factory for details)
- **UL/cUL Listed:** (File # E229365, # E207562)

Mechanical & Thermal Properties

Impact Rating: IK10 (20 Joules)

UL 94 Flame Rated

Outdoor UV Exposure: f1 Rated

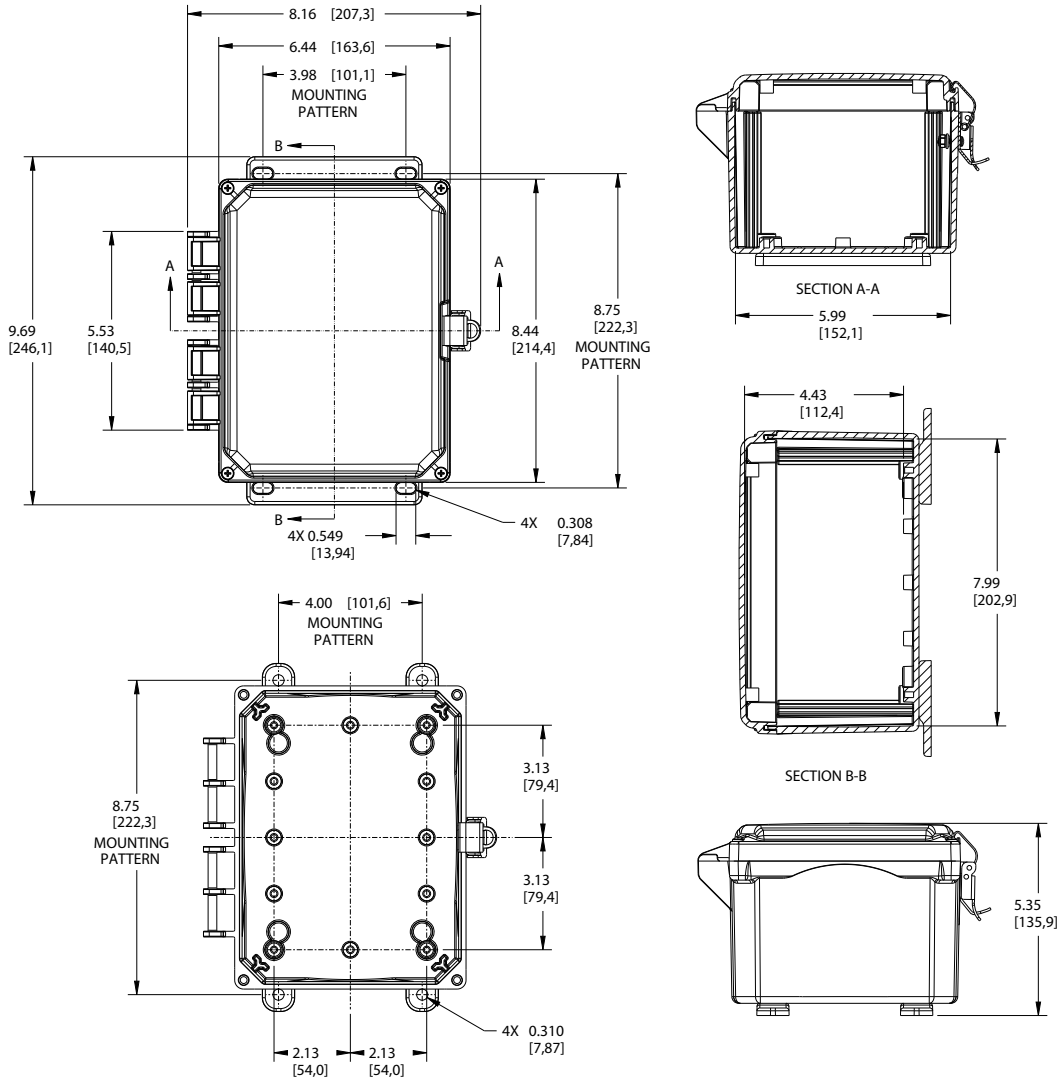
Temperature Range: -31°F up to 266°F (-35°C up to 130°C)

Part Number	NEMA 4X (IP66)	NEMA 6P (IP68)	Hinged Cover	Screw Closure	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.



8X6X4 PREMIUM SERIES



TORQUE SPECIFICATIONS:

Mounting Feet - 1/4"-20 x 0.5" Phillips countersunk drive screw SS (torque limit = 32 in lbs)

Covers/Doors - #10-32 x 0.75" Phillips fillister head captive screw SS (torque limit = 10 in lbs)

Panels - #10-32 x 0.3125" Phillips pan head screw 18-8 SS (torque limit = 10-15 in lbs)

[Bracketed dimensions in mm]

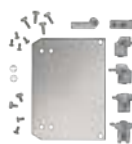
Register online to download detailed drawing files
at www.integraenclosures.com

Accessories for 8x6x4 (For complete accessories, see pages 91-95)



Back Panels

ABP-86 - Aluminum panel
SBP-86 - Steel panel
PVCBP-86 - PVC panel



Aluminum Swing Panel Kits

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 2 - Outdoor labyrinth
VENT 3 - Aluminum louvered



Steel Swing Panel Kits

SBP-86-USOPK - Complete kit
SBP-86USP - Panel only
USOPK - Hardware only



Cord Grips & Hole Plugs

IP68/NEMA 6P Rated
See page 89 for more details
and part numbers.



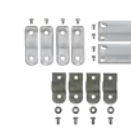
Din Rail

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

MFK-G - Gray, Mounting Feet
MFKSS - Stainless Steel Feet
MFLK6 - 6" Flange kit



8X8X4 PREMIUM SERIES



Mounting Feet



Mounting Flanges



Features & Benefits

- **Quality Material:** Bases and Covers are all made of high-impact, UV resistant polycarbonate.
- **Flexible Interior Mounting:** Featuring the unique and patented "T-Rail" mounting system to completely adjust panels and face plates.
(Back Panel and Adjustable Brackets sold separately)
- **Wide Range of Sizes:** Configurations and Accessories provide capabilities for every application.
- **Brass Threads:** Inserted into corner bosses for easy component installation.
- **Impact Resistant:** Meets or exceeds UL-746C and IEC 62262 requirements.
- **Standard Color:** Light Gray (Black and White available on certain configurations, contact factory for details)
- **UL/cUL Listed:** (File # E229365, # E207562)

Mechanical & Thermal Properties

Impact Rating: IK10 (20 Joules)

UL 94 Flame Rated

Outdoor UV Exposure: f1 Rated

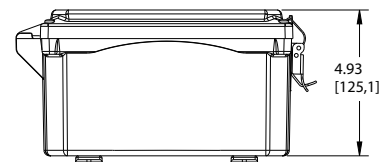
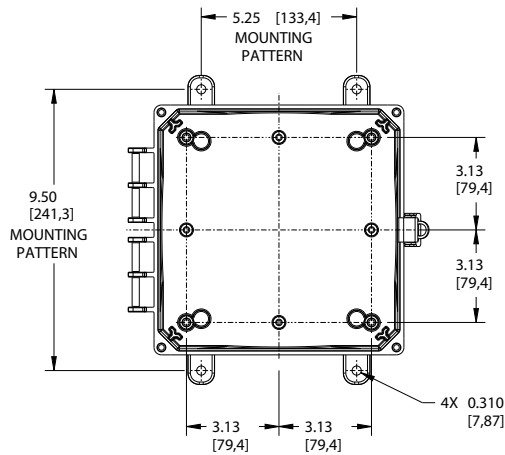
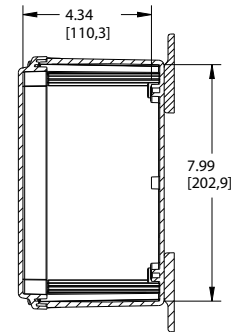
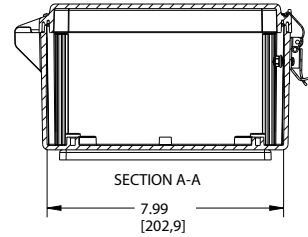
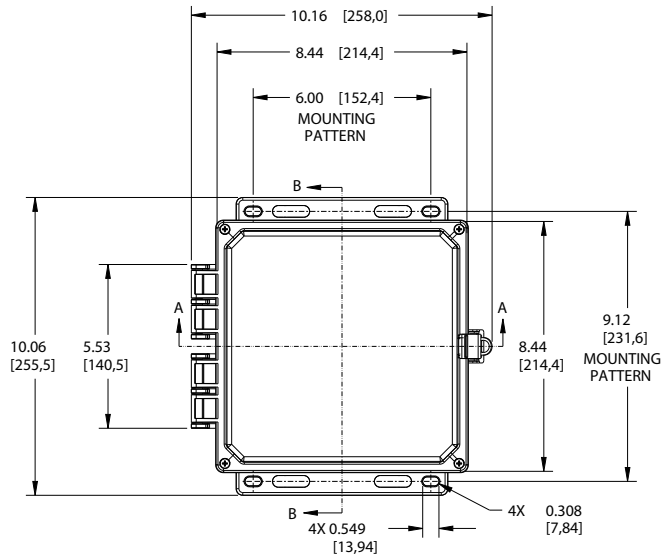
Temperature Range: -31°F up to 266°F (-35°C up to 130°C)

Part Number	NEMA 4X (IP66)	NEMA 6P (IP68)	Hinged Cover	Screw Closure	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.



8X8X4 PREMIUM SERIES



TORQUE SPECIFICATIONS:

Mounting Feet - 1/4"-20 x 0.5" Phillips countersunk drive screw SS (torque limit = 32 in lbs)

Covers/Doors - #10-32 x 0.75" Phillips fillister head captive screw SS (torque limit = 10 in lbs)

Panels - #10-32 x 0.3125" Phillips pan head screw 18-8 SS (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 91-95)



Back Panels

ABP-88 - Aluminum panel
SBP-88 - Steel panel
PVCBP-88 - PVC panel



Aluminum Swing Panel Kits

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 2 - Outdoor labyrinth
VENT 3 - Aluminum louvered



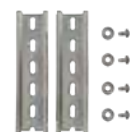
Steel Swing Panel Kits

SBP-88-USOPK - Complete kit
SBP-88USP - Panel only
USOPK - Hardware only



Cord Grips & Hole Plugs

IP68/NEMA 6P Rated
See page 89 for more details and part numbers.



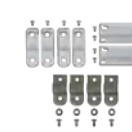
Din Rail

DIN8 - 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

MFK-G - Gray, Mounting Feet
MFKSS - Stainless Steel Feet
MFLK8 - 8" Flange kit



10X8X2 PREMIUM SERIES



Mounting Feet



Mounting Flanges



Features & Benefits

- **Quality Material:** Bases and Covers are all made of high-impact, UV resistant polycarbonate
- **Flexible Interior Mounting:** Featuring the unique and patented "T-Rail" mounting system to completely adjust panels and face plates.
(Back Panel and Adjustable Brackets sold separately)
- **Wide Range of Sizes:** Configurations and Accessories provide capabilities for every application.
- **Mounting Bosses:** Molded into back wall for easy mounting of back panels and components.
- **Impact Resistant:** Meets or exceeds UL-746C and IEC 62262 requirements.
- **Standard Color:** Light Gray (Black and White available on certain configurations, contact factory for details)
- **UL/cUL Listed:** (File # E229365, # E207562)

Mechanical & Thermal Properties

Impact Rating: IK10 (20 Joules)

UL 94 Flame Rated

Outdoor UV Exposure: f1 Rated

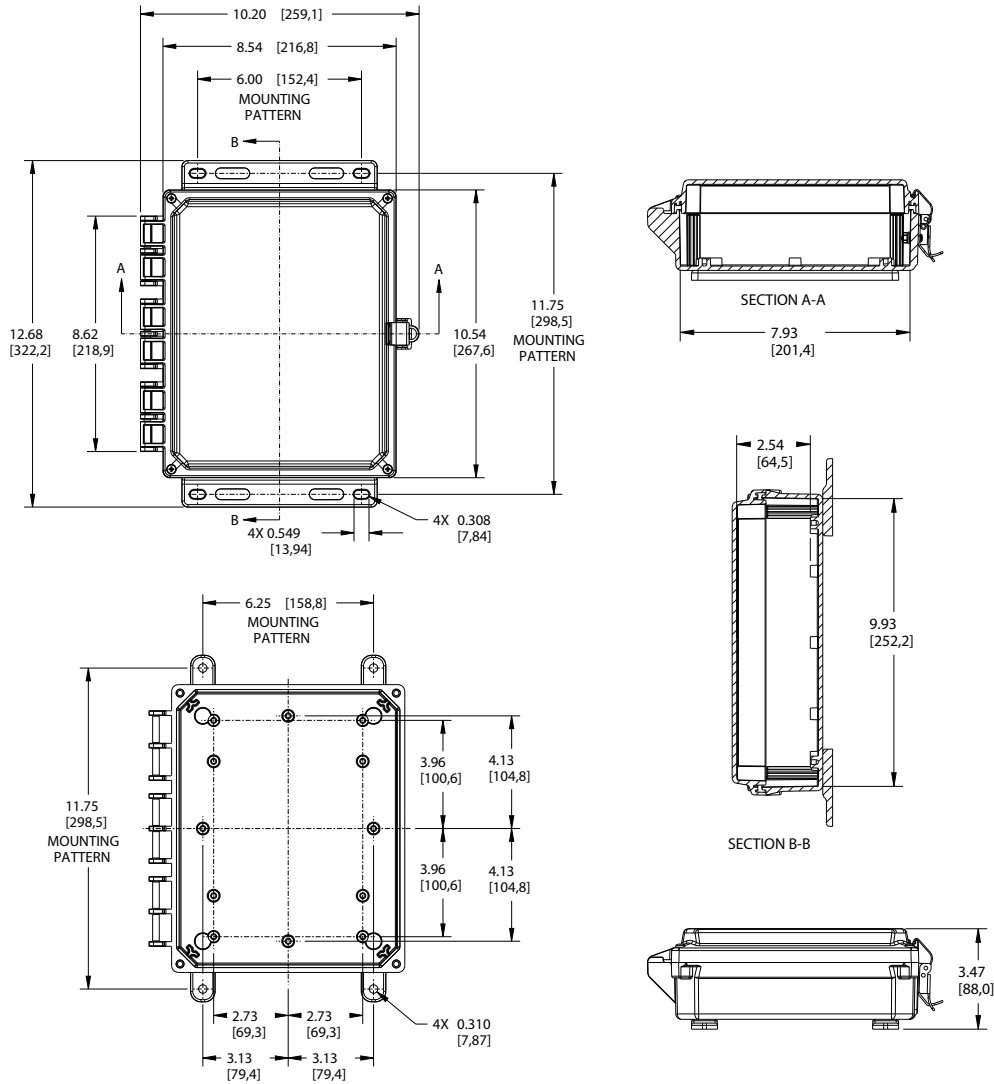
Temperature Range: -31°F up to 266°F (-35°C up to 130°C)

Part Number	NEMA 4X (IP66)	NEMA 6P (IP68)	Hinged Cover	Screw Closure	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" Phillips countersunk drive screw SS (torque limit = 32 in lbs)

Covers/Doors - #10-32 x 0.75" Phillips fillister head captive screw SS (torque limit = 10 in lbs)

Panels - #10 thread cutter pan head 18-8 SS (torque limit = 10 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 91-95)



Back Panels

ABP-1082 - Aluminum panel
SBP-1082 - Steel panel
PVCBP-1082 - PVC panel



Aluminum Swing Panel Kits

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 2 - Outdoor labyrinth
VENT 3 - Aluminum louvered



Steel Swing Panel Kits

SBP-108-USOPK - Complete kit
SBP-108USP - Panel only
USOPK - Hardware only



Cord Grips & Hole Plugs

IP68/NEMA 6P Rated
See page 89 for more details
and part numbers.



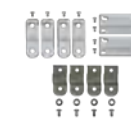
Din Rail

DIN8 - 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

MFK-G - Gray, Mounting Feet
MFKSS - Stainless Steel Feet
MFLK8 - 8" Flange kit



10X8X4 PREMIUM SERIES



Mounting Feet



Mounting Flanges



Features & Benefits

- **Quality Material:** Bases and Covers are all made of high-impact, UV resistant polycarbonate.
- **Flexible Interior Mounting:** Featuring the unique and patented "T-Rail" mounting system to completely adjust panels and face plates.
(Back Panel and Adjustable Brackets sold separately)
- **Wide Range of Sizes:** Configurations and Accessories provide capabilities for every application.
- **Brass Threads:** Inserted into corner bosses for easy component installation.
- **Impact Resistant:** Meets or exceeds UL-746C and IEC 62262 requirements.
- **Standard Color:** Light Gray (Black and White available on certain configurations, contact factory for details)
- **UL/cUL Listed:** (File # E229365, # E207562)

Mechanical & Thermal Properties

Impact Rating: IK10 (20 Joules)

UL 94 Flame Rated

Outdoor UV Exposure: f1 Rated

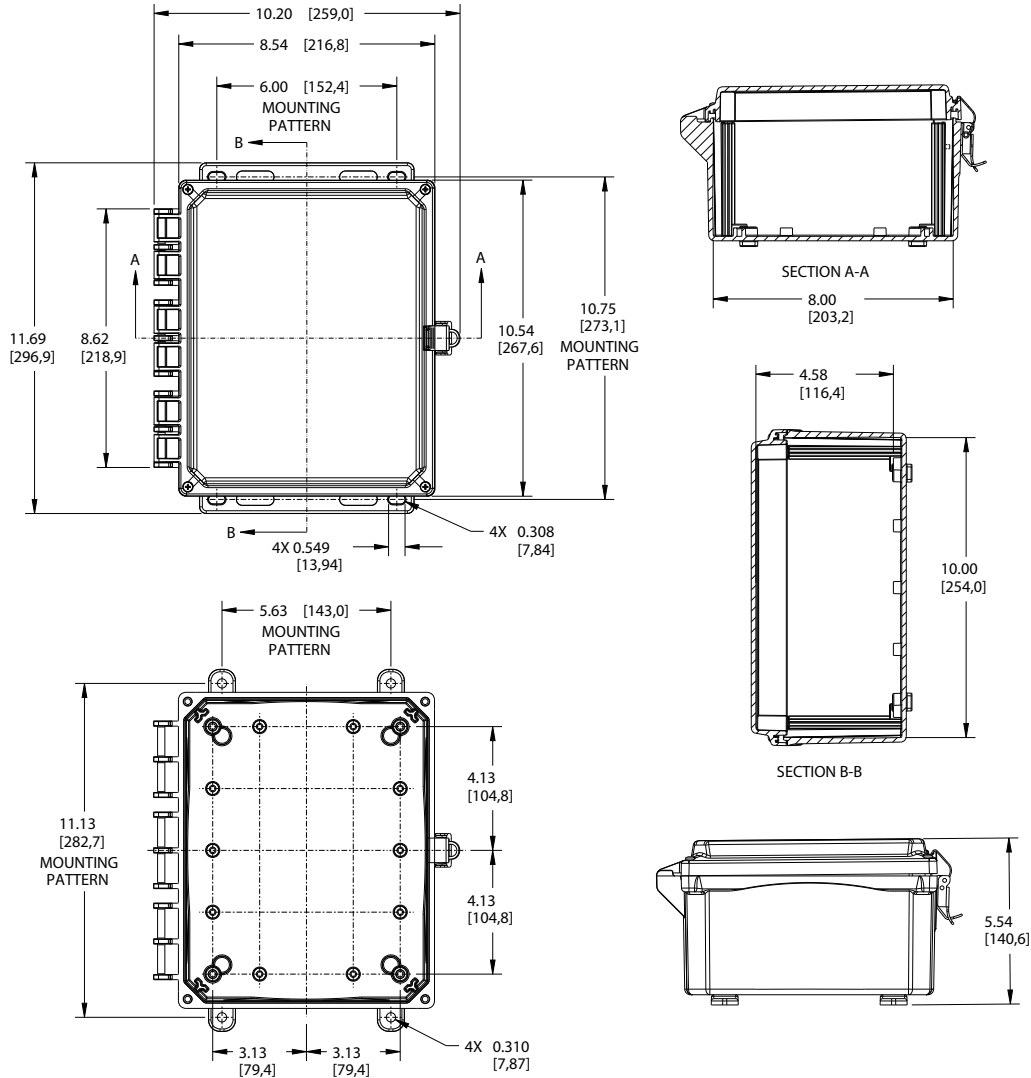
Temperature Range: -31°F up to 266°F (-35°C up to 130°C)

Part Number	NEMA 4X (IP66)	NEMA 6P (IP68)	Hinged Cover	Screw Closure	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	•		•		•			•	•	
H10084HCFL	•		•			•		•	•	
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" Phillips countersunk drive screw SS (torque limit = 32 in lbs)

Covers/Doors - #10-32 x 0.75" Phillips fillister head captive screw SS (torque limit = 10 in lbs)

Panels - #10-32 x 0.3125" Phillips pan head screw 18-8 SS (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 91-95)



Back Panels

ABP-108 - Aluminum panel
SBP-108 - Steel panel
PVCBP-108 - PVC panel



Aluminum Swing Panel Kits

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 2 - Outdoor labyrinth
VENT 3 - Aluminum louvered



Steel Swing Panel Kits

SBP-108-USOPK - Complete kit
SBP-108USP - Panel only
USOPK - Hardware only



Cord Grips & Hole Plugs

IP68/NEMA 6P Rated
See page 89 for more details
and part numbers.



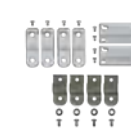
Din Rail

DIN8 - 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

MFK-G - Gray, Mounting Feet
MFKSS - Stainless Steel Feet
MFLK8 - 8" Flange kit



10X8X6 PREMIUM SERIES



Mounting Feet



Mounting Flanges



Features & Benefits

- **Quality Material:** Bases and Covers are all made of high-impact, UV resistant polycarbonate.
- **Flexible Interior Mounting:** Featuring the unique and patented "T-Rail" mounting system to completely adjust panels and face plates.
(Back Panel and Adjustable Brackets sold separately)
- **Wide Range of Sizes:** Configurations and Accessories provide capabilities for every application.
- **Brass Threads:** Inserted into corner bosses for easy component installation.
- **Impact Resistant:** Meets or exceeds UL-746C and IEC 62262 requirements.
- **Standard Color:** Light Gray (Black and White available on certain configurations, contact factory for details)
- **UL/cUL Listed:** (File # E229365, # E207562)

Mechanical & Thermal Properties

Impact Rating: IK10 (20 Joules)

UL 94 Flame Rated

Outdoor UV Exposure: f1 Rated

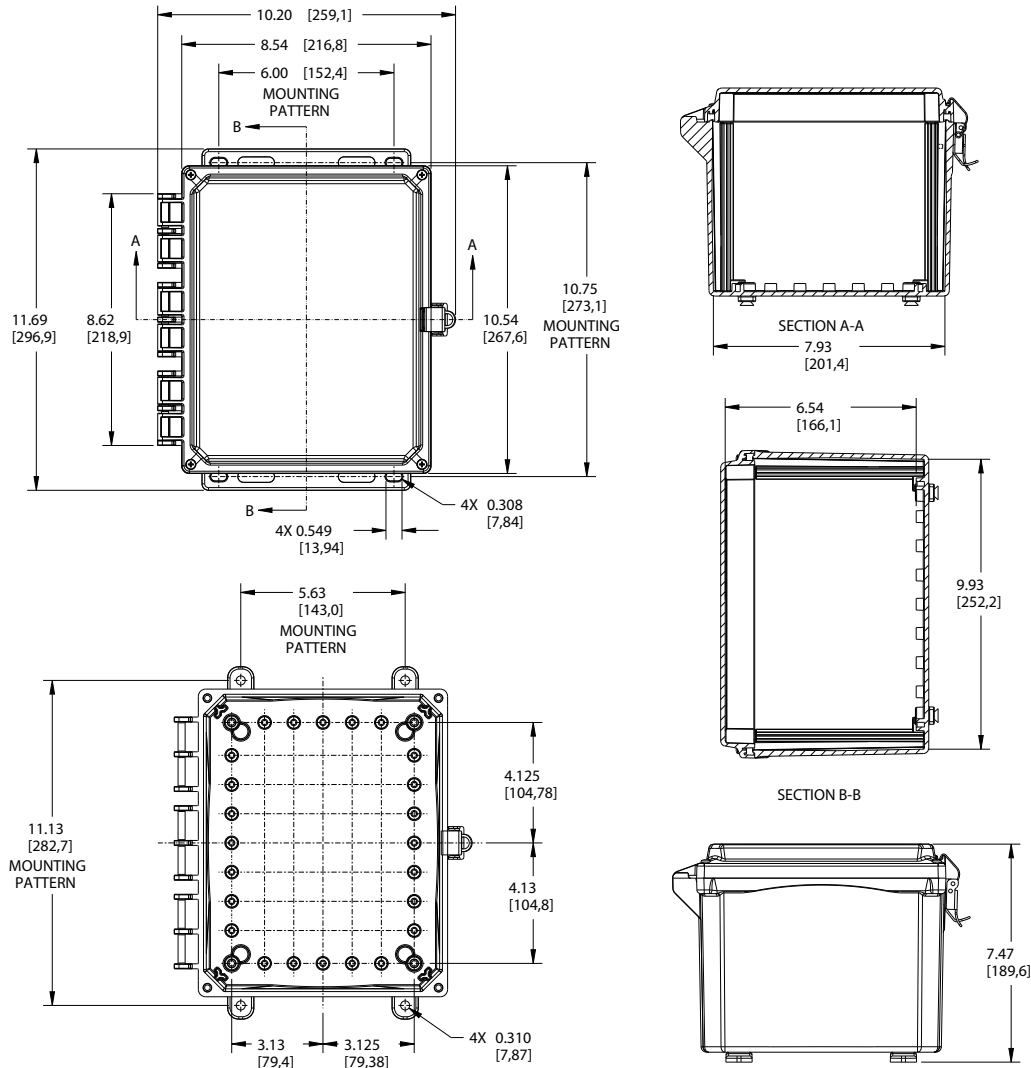
Temperature Range: -31°F up to 266°F (-35°C up to 130°C)

Part Number	NEMA 4X (IP66)	NEMA 6P (IP68)	Hinged Cover	Screw Closure	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" Phillips countersunk drive screw SS (torque limit = 32 in lbs)

Covers/Doors - #10-32 x 0.75" Phillips fillister head captive screw SS (torque limit = 10 in lbs)

Panels - #10-32 x 0.3125" Phillips pan head screw 18-8 SS (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 91-95)



Back Panels

ABP-108 - Aluminum panel
SBP-108 - Steel panel
PVCBP-108 - PVC panel



Aluminum Swing Panel Kits

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 2 - Outdoor labyrinth
VENT 3 - Aluminum louvered



Steel Swing Panel Kits

SBP-108-USOPK - Complete kit
SBP-108USP - Panel only
USOPK - Hardware only



Cord Grips & Hole Plugs

IP68/NEMA 6P Rated
 See page 89 for more details and part numbers.



Din Rail

DIN8 - 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

MFK-G - Gray, Mounting Feet
MFKSS - Stainless Steel Feet
MFLK8 - 8" Flange kit



12X10X4 PREMIUM SERIES



Mounting Feet



Mounting Flanges



Features & Benefits

- **Quality Material:** Bases and Covers are all made of high-impact, UV resistant polycarbonate.
- **Flexible Interior Mounting:** Featuring the unique and patented "T-Rail" mounting system to completely adjust panels and face plates.
(Back Panel and Adjustable Brackets sold separately)
- **Wide Range of Sizes:** Configurations and Accessories provide capabilities for every application.
- **Brass Threads:** Inserted into corner bosses for easy component installation.
- **Impact Resistant:** Meets or exceeds UL-746C and IEC 62262 requirements.
- **Standard Color:** Light Gray (Black and White available on certain configurations, contact factory for details)
- **UL/cUL Listed:** (File # E229365, # E207562)

Mechanical & Thermal Properties

Impact Rating: IK10 (20 Joules)

UL 94 Flame Rated

Outdoor UV Exposure: f1 Rated

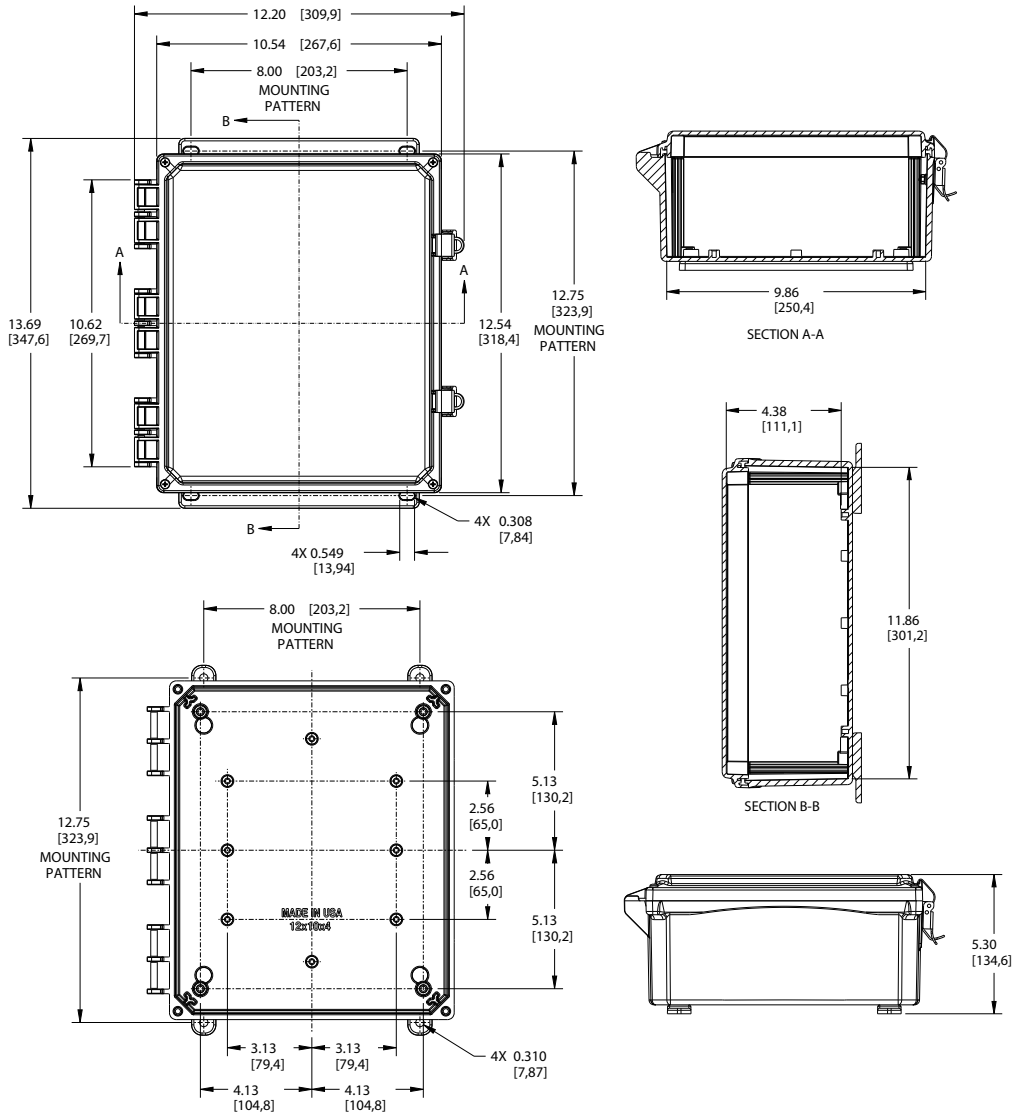
Temperature Range: -31°F up to 266°F (-35°C up to 130°C)

Part Number	NEMA 4X (IP66)	NEMA 6P (IP68)	Hinged Cover	Screw Closure	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	•		•		•			•	•	
H12104HCFL	•		•			•		•	•	
H12104HNL	•		•		•		•			•
H12104HCNL	•		•			•	•			•
H12104HFNL	•		•		•			•		•
H12104HCFNL	•		•			•		•		•
H12104H-6P	•	•	•	•	•		•			
H12104HC-6P	•	•	•	•		•	•			
H12104HF-6P	•	•	•	•	•			•		
H12104HCF-6P	•	•	•	•		•		•		

★ **POPULAR CONFIGURATIONS:** Most popular configurations are available for *QuickShip*.
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12X10X4 PREMIUM SERIES



TORQUE SPECIFICATIONS:

Mounting Feet - 1/4"-20 x 0.5" Phillips countersunk drive screw SS (torque limit = 32 in lbs)

Covers/Doors - #10-32 x 0.75" Phillips fillister head captive screw SS (torque limit = 10 in lbs)

Panels - #10-32 x 0.3125" Phillips pan head screw 18-8 SS (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 91-95)



Back Panels

ABP-1210 - Aluminum panel
SBP-1210 - Steel panel
PVCBP-1210 - PVC panel



Aluminum Swing Panel Kits

ABP-1210-USOPK - Complete kit
ABP-1210USP - Panel only
USOPK - Hardware only



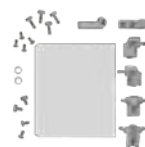
Back Panel Adjustment Kit

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



Air Vents / Fan Shrouds

VENT 2 - Outdoor labyrinth
VENT 3 - Aluminum louvered
FS KIT1 - 1 piece kit
FS KIT2 - 2 piece kit



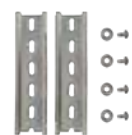
Steel Swing Panel Kits

SBP-1210-USOPK - Complete kit
SBP-1210USP - Panel only
USOPK - Hardware only



Cord Grips & Hole Plugs

IP68/NEMA 6P Rated
See page 89 for more details
and part numbers.



Din Rail

DIN10 - 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

MFK-G - Gray, Mounting Feet
MFKSS - Stainless Steel Feet
MFLK10 - 10" Flange kit



12X10X6 PREMIUM SERIES



Mounting Feet



Mounting Flanges



Features & Benefits

- **Quality Material:** Bases and Covers are all made of high-impact, UV resistant polycarbonate.
- **Flexible Interior Mounting:** Featuring the unique and patented "T-Rail" mounting system to completely adjust panels and face plates.
(Back Panel and Adjustable Brackets sold separately)
- **Wide Range of Sizes:** Configurations and Accessories provide capabilities for every application.
- **Brass Threads:** Inserted into corner bosses for easy component installation.
- **Impact Resistant:** Meets or exceeds UL-746C and IEC 62262 requirements.
- **Standard Color:** Light Gray (Black and White available on certain configurations, contact factory for details)
- **UL/cUL Listed:** (File # E229365, # E207562)

Mechanical & Thermal Properties

Impact Rating: IK10 (20 Joules)

UL 94 Flame Rated

Outdoor UV Exposure: f1 Rated

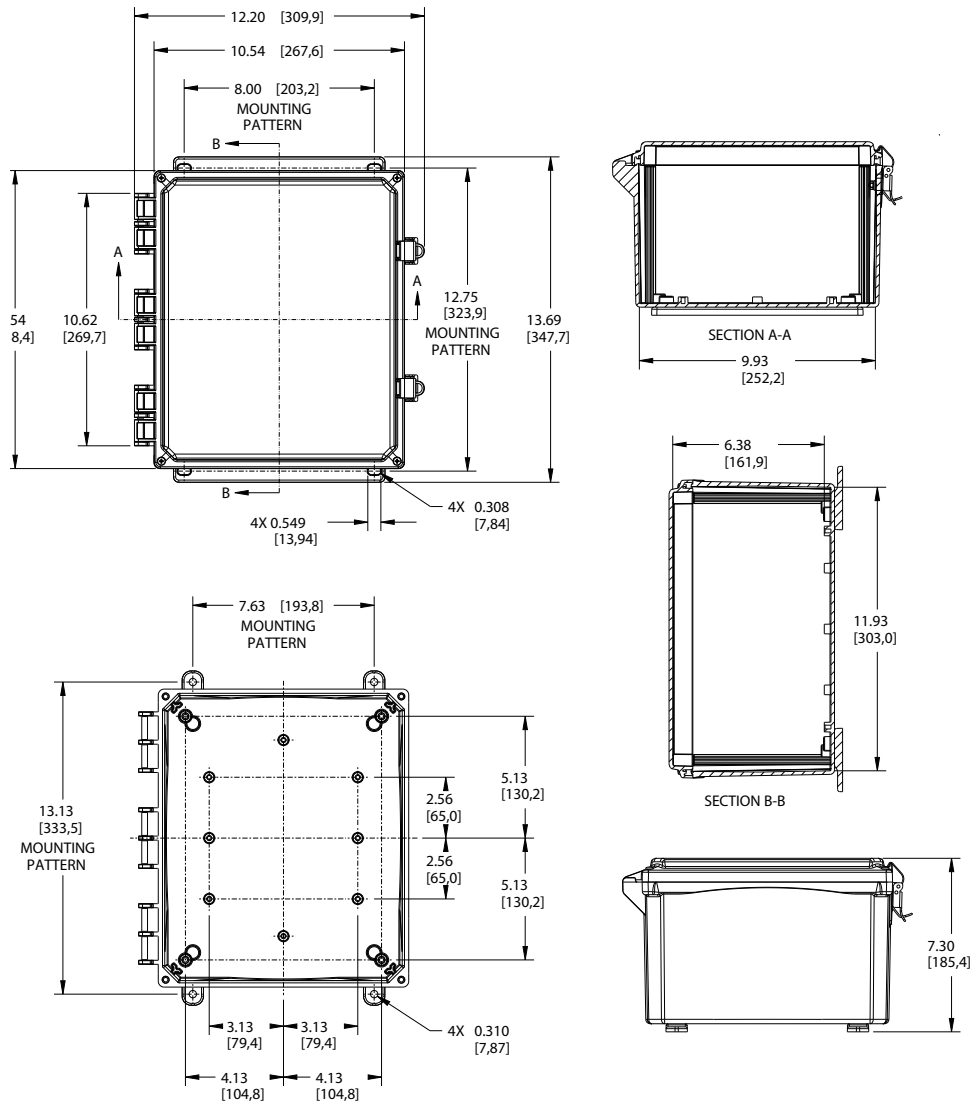
Temperature Range: -31°F up to 266°F (-35°C up to 130°C)

Part Number	NEMA 4X (IP66)	NEMA 6P (IP68)	Hinged Cover	Screw Closure	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	•		•		•			•	•	
H12106HCFL	•		•			•		•	•	
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" Phillips countersunk drive screw SS (torque limit = 32 in lbs)

Covers/Doors - #10-32 x 0.75" Phillips fillister head captive screw SS (torque limit = 10 in lbs)

Panels - #10-32 x 0.3125" Phillips pan head screw 18-8 SS (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 91-95)



Back Panels

ABP-1210 - Aluminum panel
SBP-1210 - Steel panel
PVCBP-1210 - PVC panel



Aluminum Swing Panel Kits

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 2 - Outdoor labyrinth
VENT 3 - Aluminum louvered
FS KIT1 - 1 piece kit
FS KIT2 - 2 piece kit



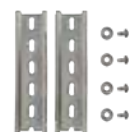
Steel Swing Panel Kits

SBP-1210-USOPK - Complete kit
SBP-1210USP - Panel only
USOPK - Hardware only



Cord Grips & Hole Plugs

IP68/NEMA 6P Rated
See page 89 for more details
and part numbers.



Din Rail

DIN10 - 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

MFK-G - Gray, Mounting Feet
MFKSS - Stainless Steel Feet
MFLK10 - 10" Flange kit



12X12X6 PREMIUM SERIES



Mounting Feet



Mounting Flanges



Features & Benefits

- **Quality Material:** Bases and Covers are all made of high-impact, UV resistant polycarbonate.
- **Flexible Interior Mounting:** Featuring the unique and patented "T-Rail" mounting system to completely adjust panels and face plates.
(Back Panel and Adjustable Brackets sold separately)
- **Wide Range of Sizes:** Configurations and Accessories provide capabilities for every application.
- **Brass Threads:** Inserted into corner bosses for easy component installation.
- **Impact Resistant:** Meets or exceeds UL-746C and IEC 62262 requirements.
- **Standard Color:** Light Gray (Black and White available on certain configurations, contact factory for details)
- **UL/cUL Listed:** (File # E229365, # E207562)

Mechanical & Thermal Properties

Impact Rating: IK10 (20 Joules)

UL 94 Flame Rated

Outdoor UV Exposure: f1 Rated

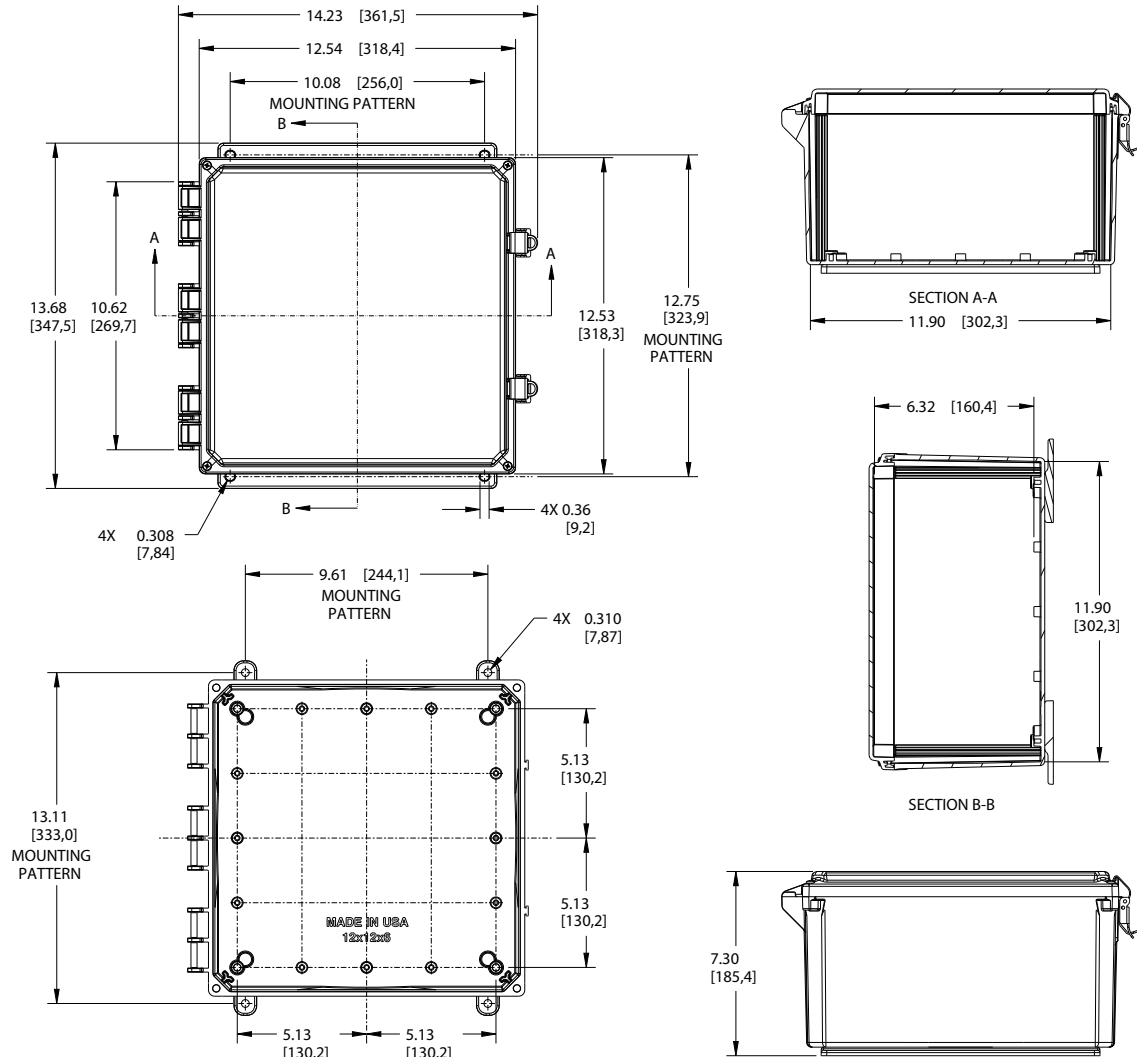
Temperature Range: -31°F up to 266°F (-35°C up to 130°C)

Part Number	NEMA 4X (IP66)	NEMA 6P (IP68)	Hinged Cover	Screw Closure	Opaque Cover	Clear Cover	Mounting Feet	Mounting Flange	Stainless Steel Locking Latch	Non-Metallic Locking Latch
H121206S	•	•		•	•		•			
H121206SC	•	•		•		•	•			
H121206SF	•	•		•	•			•		
H121206SCF	•	•		•		•		•		
H121206H	•		•	•	•		•			
H121206HC	•		•	•		•	•			
H121206HF	•		•	•	•			•		
H121206HCF	•		•	•		•		•		
★ H121206HLL	•		•		•		•		•	
★ H121206HCLL	•		•			•	•		•	
H121206HFLL	•		•		•			•	•	
H121206HCFLL	•		•			•		•	•	
H121206HNL	•		•		•		•			•
H121206HCNL	•		•			•	•			•
H121206HFNL	•		•		•			•		•
H121206HCFNL	•		•			•		•		•
H121206H-6P	•	•	•	•	•		•			
H121206HC-6P	•	•	•	•		•	•			
H121206HF-6P	•	•	•	•	•			•		
H121206HCF-6P	•	•	•	•		•		•		

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



12X12X6 PREMIUM SERIES



TORQUE SPECIFICATIONS:

Mounting Feet - 1/4"-20 x 0.5" Phillips countersunk drive screw SS (torque limit = 32 in lbs)

Covers/Doors - #10-32 x 0.75" Phillips fillister head captive screw SS (torque limit = 10 in lbs)

Panels - #10-32 x 0.3125" Phillips pan head screw 18-8 SS (torque limit = 10-15 in lbs)

[Bracketed dimensions in mm]

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

Accessories for 12x12x6 (For complete accessories, see pages 91-95)



Back Panels

ABP-1212 - Aluminum panel
SBP-1212 - Steel panel
PVCBP-1212 - PVC panel



Aluminum Swing Panel Kits

ABP-1212-USOPK - Complete kit
ABP-1212USP - 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 2 - Outdoor labyrinth
VENT 3 - Aluminum louvered
FS KIT1 - 1 piece kit
FS KIT2 - 2 piece kit



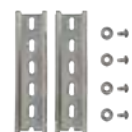
Steel Swing Panel Kits

SBP-1212-USOPK - Complete kit
SBP-1212USP - Panel only
USOPK - Hardware only



Cord Grips & Hole Plugs

IP68/NEMA 6P Rated
See page 89 for more details
and part numbers.



Din Rail

DIN12 - 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

MFK-G - Gray, Mounting Feet
MFKSS - Stainless Steel Feet
MFLK12 - 12" Flange kit



14X12X6 PREMIUM SERIES



Mounting Feet



Mounting Flanges



Features & Benefits

- **Quality Material:** Bases and Covers are all made of high-impact, UV resistant polycarbonate.
- **Flexible Interior Mounting:** Featuring the unique and patented "T-Rail" mounting system to completely adjust panels and face plates.
(Back Panel and Adjustable Brackets sold separately)
- **Wide Range of Sizes:** Configurations and Accessories provide capabilities for every application.
- **Brass Threads:** Inserted into corner bosses for easy component installation.
- **Impact Resistant:** Meets or exceeds UL-746C and IEC 62262 requirements.
- **Standard Color:** Light Gray (Black and White available on certain configurations, contact factory for details)
- **UL/cUL Listed:** (File # E229365, # E207562)

Mechanical & Thermal Properties

Impact Rating: IK10 (20 Joules)

UL 94 Flame Rated

Outdoor UV Exposure: f1 Rated

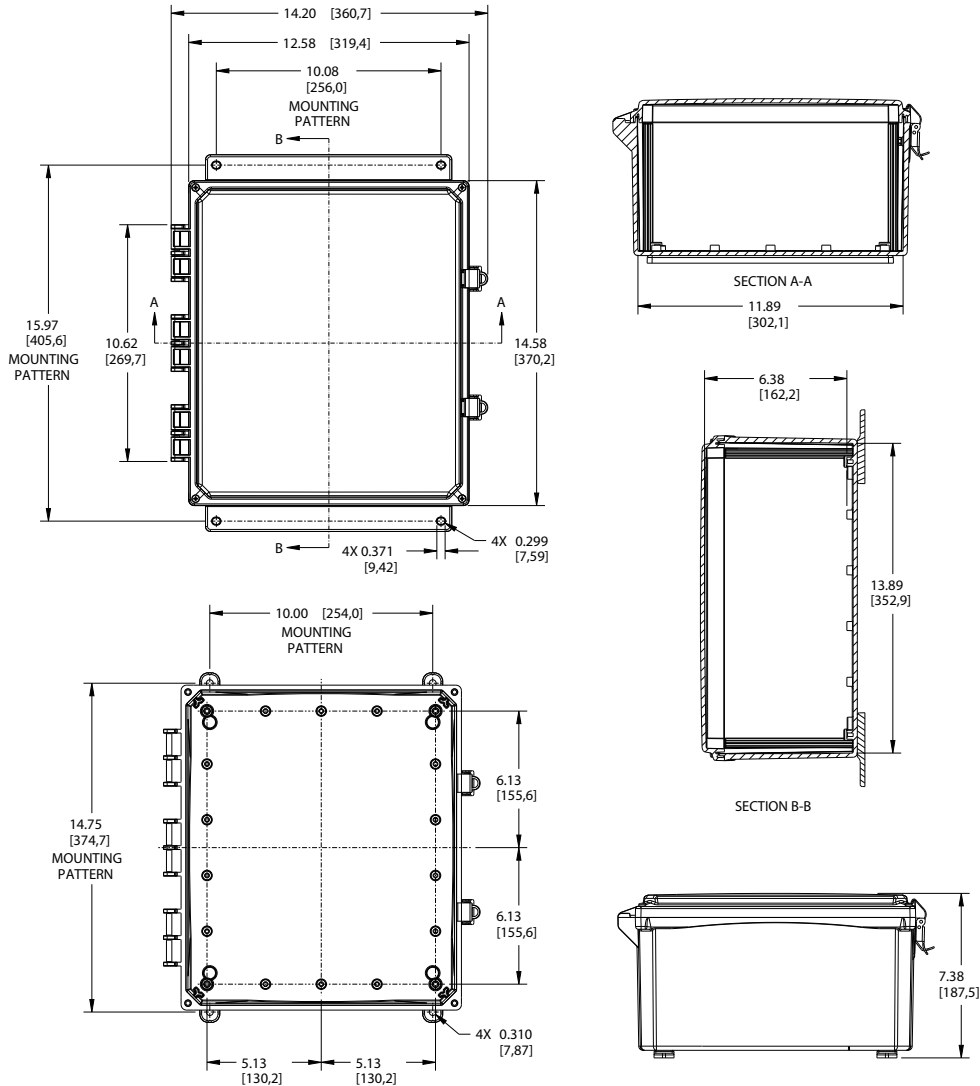
Temperature Range: -31°F up to 266°F (-35°C up to 130°C)

Part Number	NEMA 4X (IP66)	NEMA 6P (IP68)	Hinged Cover	Screw Closure	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" Phillips countersunk drive screw SS (torque limit = 32 in lbs)

Covers/Doors - #10-32 x 0.75" Phillips fillister head captive screw SS (torque limit = 10 in lbs)

Panels - #10-32 x 0.3125" Phillips pan head screw 18-8 SS (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 91-95)



Back Panels

ABP-1412 - Aluminum panel
SBP-1412 - Steel panel
PVCBP-1412 - PVC panel



Aluminum Swing Panel Kits

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 2 - Outdoor labyrinth
VENT 3 - Aluminum louvered
FS KIT1 - 1 piece kit
FS KIT2 - 2 piece kit



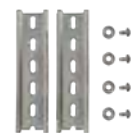
Steel Swing Panel Kits

SBP-1412-USOPK - Complete kit
SBP-1412USP - Panel only
USOPK - Hardware only



Cord Grips & Hole Plugs

IP68/NEMA 6P Rated
See page 89 for more details
and part numbers.



Din Rail

DIN12 - 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

MFG-G - Gray, Mounting Feet
MFKSS - Stainless Steel Feet
MFLK12 - 12" Flange kit



16X14X7 PREMIUM SERIES



Mounting Feet



Mounting Flanges



Features & Benefits

- **Quality Material:** Bases and Covers are all made of high-impact, UV resistant polycarbonate.
- **Flexible Interior Mounting:** Featuring the unique and patented "T-Rail" mounting system to completely adjust panels and face plates.
(Back Panel and Adjustable Brackets sold separately)
- **Wide Range of Sizes:** Configurations and Accessories provide capabilities for every application.
- **Brass Threads:** Inserted into corner bosses for easy component installation.
- **Impact Resistant:** Meets or exceeds UL-746C and IEC 62262 requirements.
- **Standard Color:** Light Gray (Black and White available on certain configurations, contact factory for details)
- **UL/cUL Listed:** (File # E229365, # E207562)

Mechanical & Thermal Properties

Impact Rating: IK10 (20 Joules)

UL 94 Flame Rated

Outdoor UV Exposure: f1 Rated

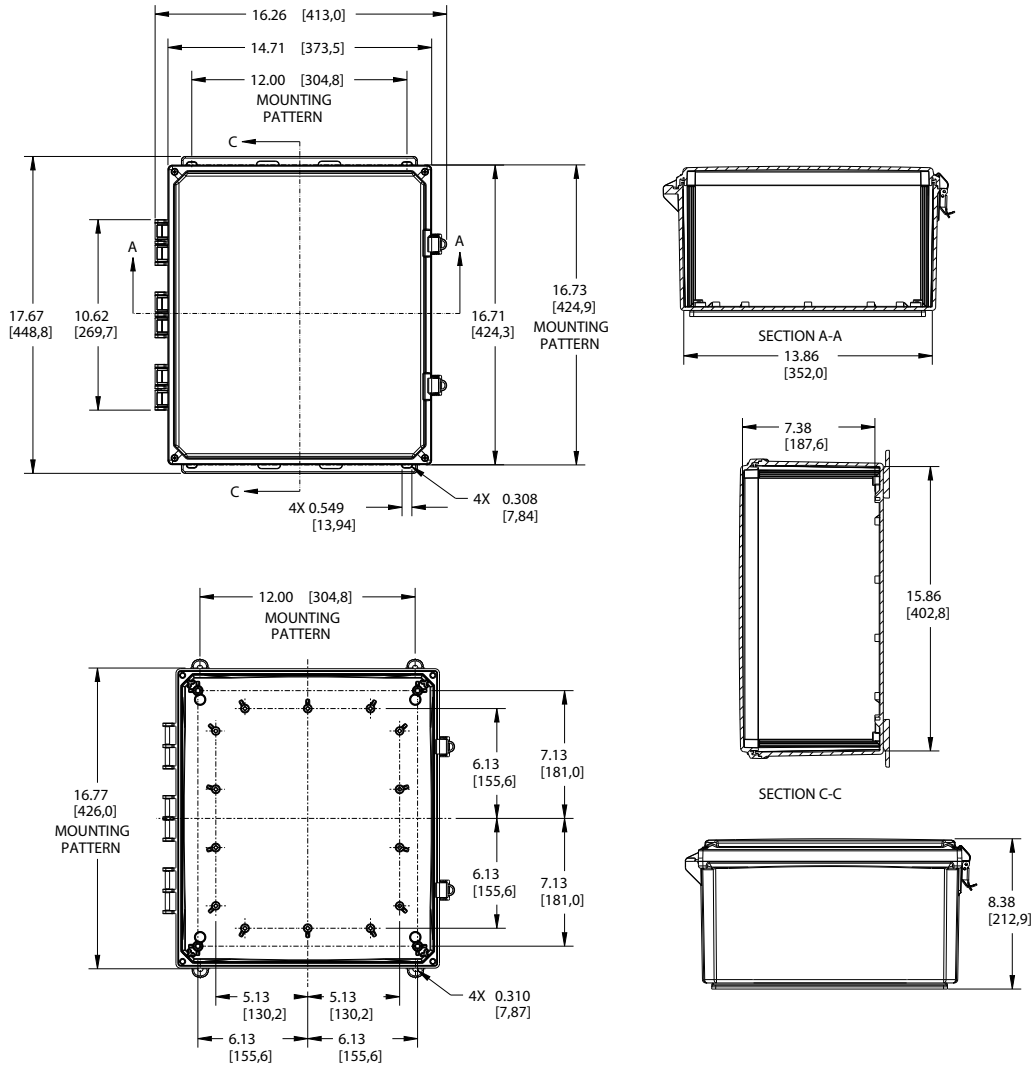
Temperature Range: -31°F up to 266°F (-35°C up to 130°C)

Part Number	NEMA 4X (IP66)	NEMA 6P (IP68)	Hinged Cover	Screw Closure	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	•		•		•			•	•	
H161407HCFL	•		•			•		•	•	
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" Phillips countersunk drive screw SS (torque limit = 32 in lbs)

Covers/Doors - #10-32 x 0.75" Phillips fillister head captive screw SS (torque limit = 10 in lbs)

Panels - #10-32 x 0.3125" Phillips pan head screw 18-8 SS (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 91-95)



Back Panels

ABP-1614 - Aluminum panel
SBP-1614 - Steel panel
PVCBP-1614 - PVC panel



Aluminum Swing Panel Kits

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 2 - Outdoor labyrinth
VENT 3 - Aluminum louvered
FS KIT1 - 1 piece kit
FS KIT2 - 2 piece kit



Steel Swing Panel Kits

SBP-1614-USOPK - Complete kit
SBP-1614USP - Panel only
USOPK - Hardware only



Cord Grips & Hole Plugs

IP68/NEMA 6P Rated
See page 89 for more details
and part numbers.



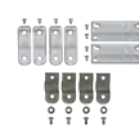
Din Rail

DIN14 - 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

MFK-G - Gray, Mounting Feet
MFKSS - Stainless Steel Feet
MFLK14 - 14" Flange kit



16X18X10 PREMIUM SERIES



Mounting Feet

Mounting Flanges



Features & Benefits

- **Quality Material:** Bases and Covers are all made of high-impact, UV resistant polycarbonate.
- **Flexible Interior Mounting:** Featuring the unique and patented "T-Rail" mounting system to completely adjust panels and face plates.
(Back Panel and Adjustable Brackets sold separately)
- **Wide Range of Sizes:** Configurations and Accessories provide capabilities for every application.
- **Brass Threads:** Inserted into corner bosses for easy component installation.
- **Impact Resistant:** Meets or exceeds UL-746C and IEC 62262 requirements.
- **Standard Color:** Light Gray (Black and White available on certain configurations, contact factory for details)
- **UL/cUL Listed:** (File # E229365, # E207562)

Mechanical & Thermal Properties

Impact Rating: IK10 (20 Joules)

UL 94 Flame Rated

Outdoor UV Exposure: f1 Rated

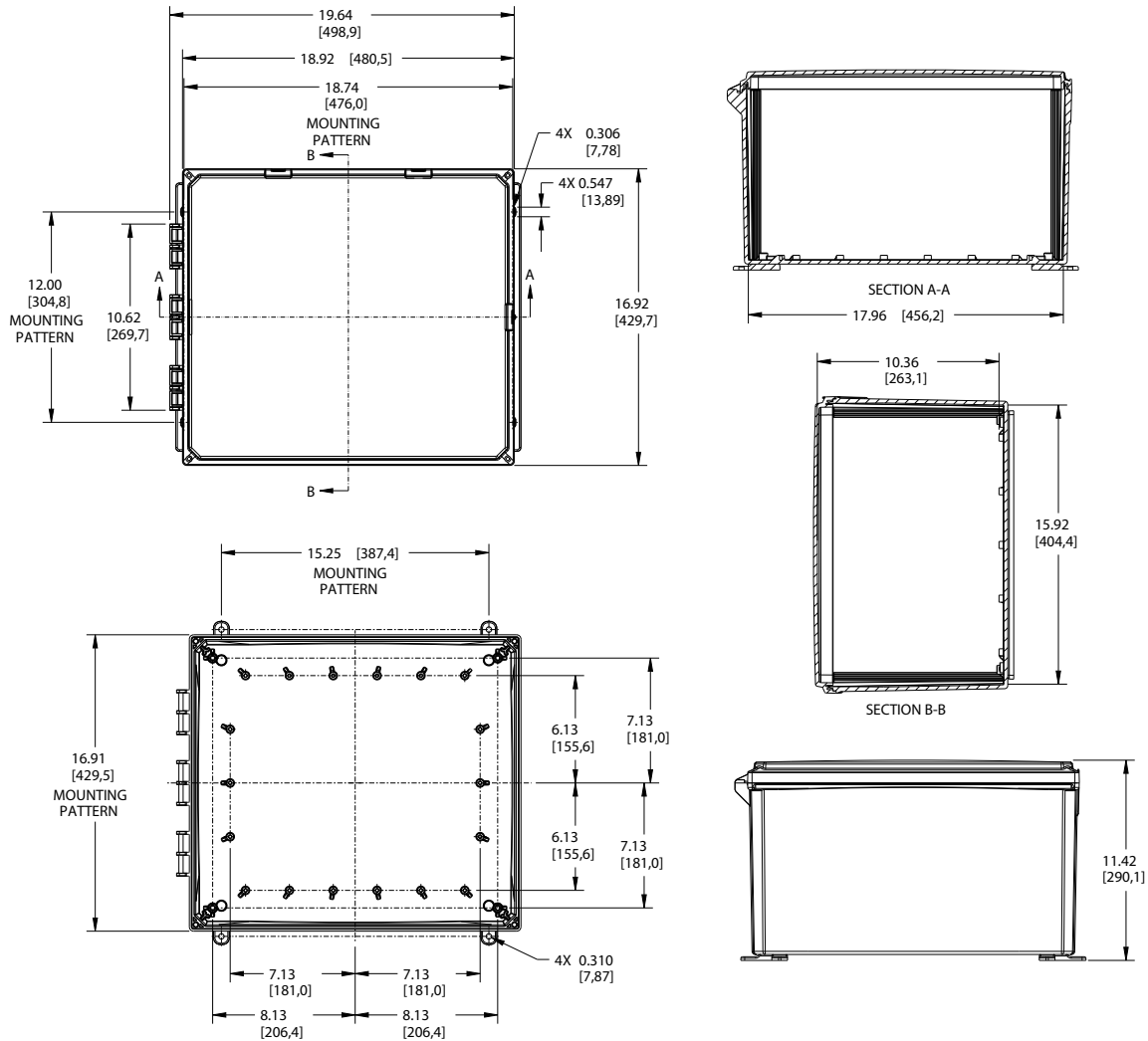
Temperature Range: -31°F up to 266°F (-35°C up to 130°C)

Part Number	NEMA 4X (IP66)	NEMA 6P (IP68)	Hinged Cover	Screw Closure	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.



16X18X10 PREMIUM SERIES



TORQUE SPECIFICATIONS:

Mounting Feet - 1/4"-20 x 0.5" Phillips countersunk drive screw SS (torque limit = 32 in lbs)

Covers/Doors - #10-32 x 0.75" Phillips fillister head captive screw SS (torque limit = 10 in lbs)

Panels - #10-32 x 0.3125" Phillips pan head screw 18-8 SS (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 91-95)



Back Panels

ABP-1816 - Aluminum panel
SBP-1816 - Steel panel
PVCBP-1816 - PVC panel



Aluminum Swing Panel Kits

ABP-1618-USOPK - Complete kit
ABP-1618USP - Panel only
USOPK - Hardware only



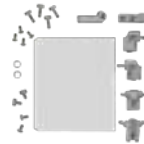
Back Panel Adjustment Kit

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



Air Vents / Fan Shrouds

VENT 2 - Outdoor labyrinth
VENT 3 - Aluminum louvered
FS KIT1 - 1 piece kit
FS KIT2 - 2 piece kit



Steel Swing Panel Kits

SBP-1618-USOPK - Complete kit
SBP-1618USP - Panel only
USOPK - Hardware only



Cord Grips & Hole Plugs

IP68/NEMA 6P Rated
See page 89 for more details
and part numbers.



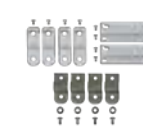
Din Rail

DIN18 - 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

MFK-G - Gray, Mounting Feet
MFKSS - Stainless Steel Feet
MFLK16 - 16" Flange kit



18X16X8 PREMIUM SERIES



Mounting Feet



Mounting Flanges



Features & Benefits

- **Quality Material:** Bases and Covers are all made of high-impact, UV resistant polycarbonate.
- **Flexible Interior Mounting:** Featuring the unique and patented "T-Rail" mounting system to completely adjust panels and face plates.
(Back Panel and Adjustable Brackets sold separately)
- **Wide Range of Sizes:** Configurations and Accessories provide capabilities for every application.
- **Brass Threads:** Inserted into corner bosses for easy component installation.
- **Impact Resistant:** Meets or exceeds UL-746C and IEC 62262 requirements.
- **Standard Color:** Light Gray (Black and White available on certain configurations, contact factory for details)
- **UL/cUL Listed:** (File # E229365, # E207562)

Mechanical & Thermal Properties

Impact Rating: IK10 (20 Joules)

UL 94 Flame Rated

Outdoor UV Exposure: f1 Rated

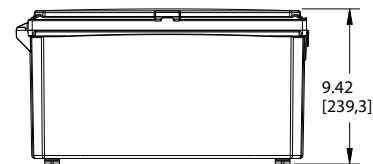
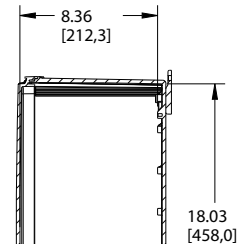
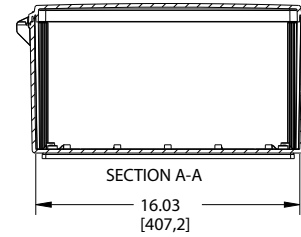
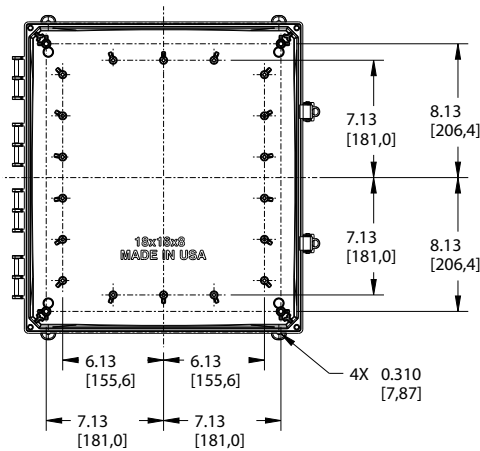
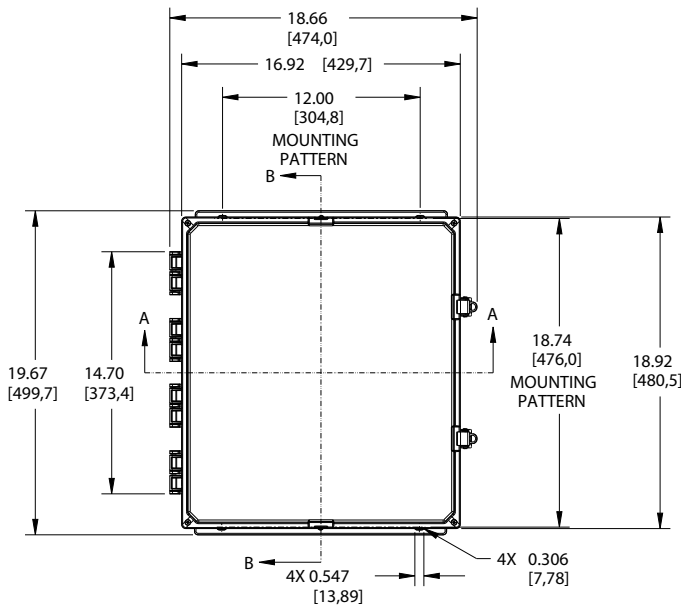
Temperature Range: -31°F up to 266°F (-35°C up to 130°C)

Part Number	NEMA 4X (IP66)	NEMA 6P (IP68)	Hinged Cover	Screw Closure	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 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 18x16x8 (For complete accessories, see pages 91-95)



Back Panels

ABP-1816 - Aluminum panel
SBP-1816 - Steel panel
PVCBP-1816 - PVC panel



Aluminum Swing Panel Kits

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 2 - Outdoor labyrinth
VENT 3 - Aluminum louvered
FS KIT1 - 1 piece kit
FS KIT2 - 2 piece kit



Steel Swing Panel Kits

SBP-1816-USOPK - Complete kit
SBP-1816USP - Panel only
USOPK - Hardware only



Cord Grips & Hole Plugs

IP68/NEMA 6P Rated
See page 89 for more details and part numbers.



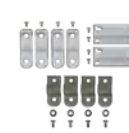
Din Rail

DIN16 - 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

MFK-G - Gray, Mounting Feet
MFKSS - Stainless Steel Feet
MFLK16 - 16" Flange kit



18X16X10 PREMIUM SERIES



Mounting Feet



Mounting Flanges



Features & Benefits

- **Quality Material:** Bases and Covers are all made of high-impact, UV resistant polycarbonate.
- **Flexible Interior Mounting:** Featuring the unique and patented "T-Rail" mounting system to completely adjust panels and face plates.
(Back Panel and Adjustable Brackets sold separately)
- **Wide Range of Sizes:** Configurations and Accessories provide capabilities for every application.
- **Brass Threads:** Inserted into corner bosses for easy component installation.
- **Impact Resistant:** Meets or exceeds UL-746C and IEC 62262 requirements.
- **Standard Color:** Light Gray (Black and White available on certain configurations, contact factory for details)
- **UL/cUL Listed:** (File # E229365, # E207562)

Mechanical & Thermal Properties

Impact Rating: IK10 (20 Joules)

UL 94 Flame Rated

Outdoor UV Exposure: f1 Rated

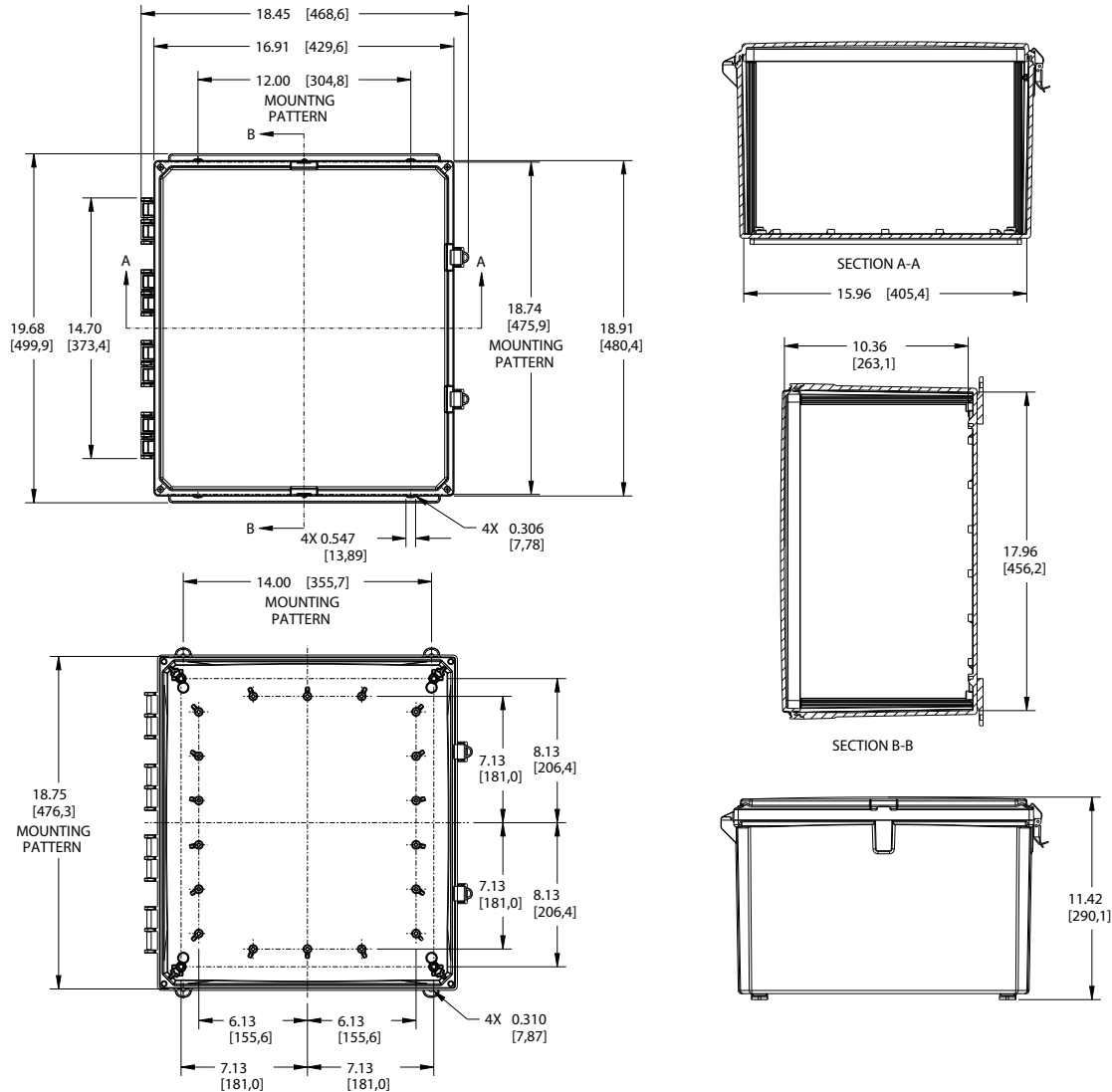
Temperature Range: -31°F up to 266°F (-35°C up to 130°C)

Part Number	NEMA 4X (IP66)	NEMA 6P (IP68)	Hinged Cover	Screw Closure	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	•		•		•			•	•	
H181610HCFL	•		•			•		•	•	
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" Phillips countersunk drive screw SS (torque limit = 32 in lbs)

Covers/Doors - #10-32 x 0.75" Phillips fillister head captive screw SS (torque limit = 10 in lbs)

Panels - #10-32 x 0.3125" Phillips pan head screw 18-8 SS (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 91-95)



Back Panels

ABP-1816 - Aluminum panel
SBP-1816 - Steel panel
PVCBP-1816 - PVC panel



Aluminum Swing Panel Kits

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 2 - Outdoor labyrinth
VENT 3 - Aluminum louvered
FS KIT1 - 1 piece kit
FS KIT2 - 2 piece kit



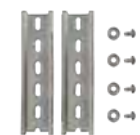
Steel Swing Panel Kits

SBP-1816-USOPK - Complete kit
SBP-1816USP - Panel only
USOPK - Hardware only



Cord Grips & Hole Plugs

IP68/NEMA 6P Rated
See page 89 for more details
and part numbers.



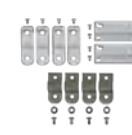
Din Rail

DIN16 - 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

MFK-G - Gray, Mounting Feet
MFKSS - Stainless Steel Feet
MFLK16 - 16" Flange kit



IMPACT® SERIES

IMPACT® SERIES OVERVIEW



NEMA 4X and 6P Protection

All Integra enclosures are UL NEMA rated, protecting your controls from water, dust, oil and dirt.

- NEMA 4X - Water and corrosion resistant
- NEMA 6P - Temporarily submersible in up to 6 feet of water, up to 24 hours



Wide Operating Temperature Range

Integra's polycarbonate holds its tensile strength better than other non-metallic materials over a wide temperature range.

- -31°F up to 266°F (-35°C up to 130°C)



Impact Resistant

Integra's enclosures have been rigorously tested to meet and exceed industry standard UL-746C and IEC 62262 testing.

- IK10 rated withstanding up to 20 Joules



OEM Solutions

Integra's full suite of modification services are available for all enclosure styles and sizes including:

- In-house machining for enclosures and panels
- Printing and Laser Marking
- Bulk Packaging
- Custom Colors

• 100% Metal Free

Our Integrated or Non-Metallic latch options, along with our standard 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)

• 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.

• Molded in Mounting Bosses

All Impact® Series enclosures have extra mounting bosses molded into the rear wall to permit self-tapping screws to secure din rail, sub panels and components.

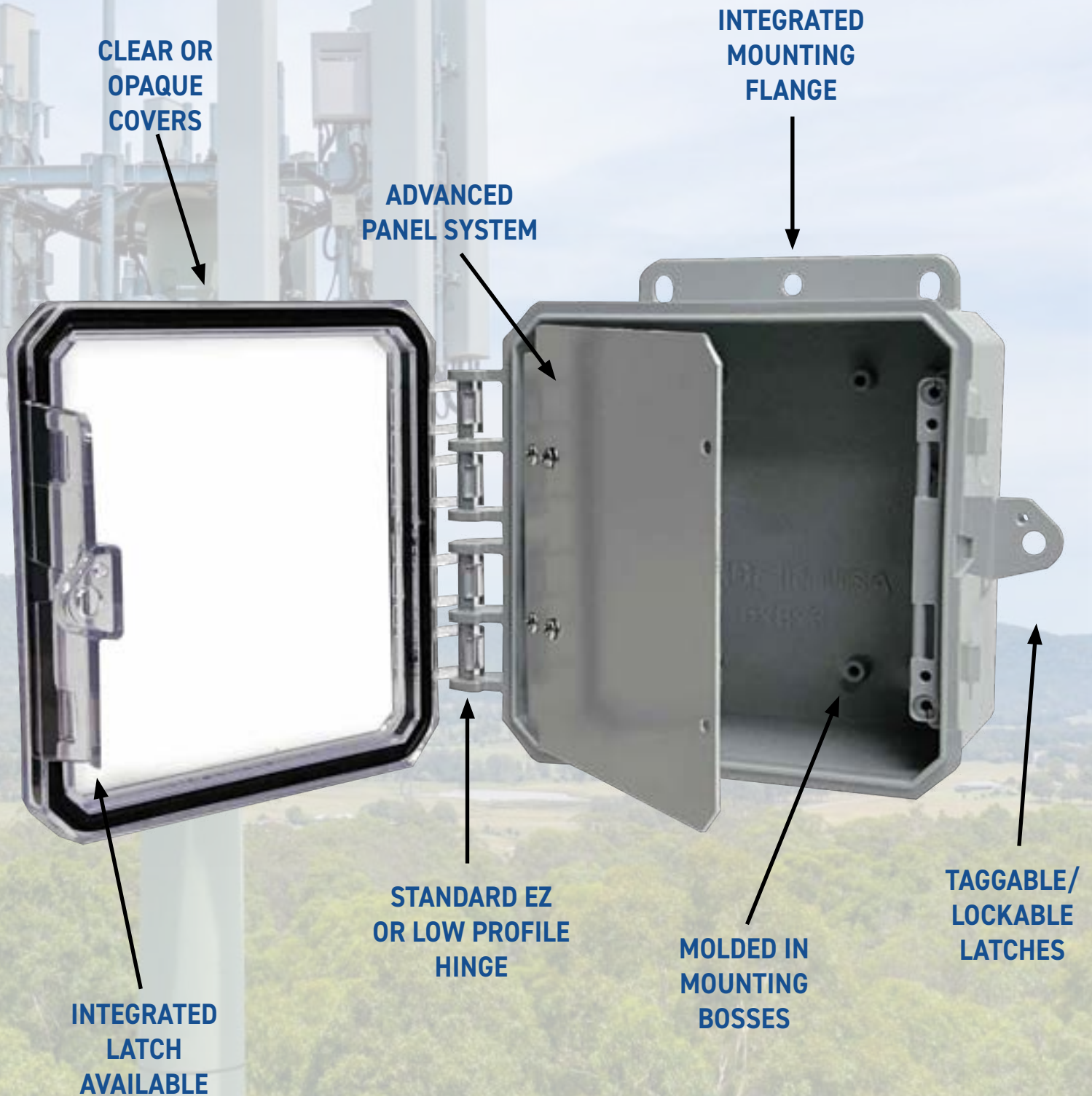
• EZ Hinge or Low Profile Hinge

Integra's standard EZ hinges allow easy door removal or replacement while permitting a full 225-degree door swing. The Low Profile hinge is not removable but it reduces the overall width of the enclosure by up to half an inch!

Reach out to our experienced team to discuss your unique requirements.
(Minimums may apply)



IMPACT[®] SERIES





4X4X3 IMPACT® SERIES



Features & Benefits

- **Quality Material:** Bases and 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:** Molded in mounting flanges and integrated latch eliminates need for extra hardware.
- **Flexible Interior Mounting:** Bosses on rear wall of enclosure provide multiple mounting options for DIN rail, back panels, or other components.
- **Impact Resistant:** Meets or exceeds UL-746C and IEC 62262 requirements.
- **Standard Color:** Light Gray
- **UL/cUL Listed:** (File # E207562)

Mechanical & Thermal Properties

Impact Rating: IK10 (20 Joules)

UL 94 Flame Rated

Outdoor UV Exposure: f1 Rated

Temperature Range: -31°F up to 266°F (-35°C up to 130°C)



	Part Number	NEMA 4X (IP66)	NEMA 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	•		•			•	•		•	
	P4043NL	•		•		•		•			•
	P4043CNL	•		•			•	•			•
	P4043LP▲	•	•		•	•		•	•		
	P4043LPC▲	•	•		•		•	•	•		
	P4043LPLL▲	•			•	•		•		•	
	P4043LPCLL▲	•			•		•	•		•	
	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.

▲Low Profile models require a minimum order quantity. Contact factory for details.

Technical drawings of the 4x4x3 inch stainless steel enclosure, showing front, top, and side views with dimensions in inches and millimeters.

Front View:

- Overall width: 6.03 [153,1]
- Overall height: 6.06 [153,8]
- Mounting flange width: 4.92 [124,9]
- Mounting flange height: 3.41 [86,6]
- Mounting flange thickness: 0.281 [7,14]
- Mounting flange hole diameter: 4X 0.316 [8,03]
- Mounting flange hole spacing: 4X 0.281 [7,14]
- Mounting flange hole diameter: 4X 0.316 [8,03]

Top View:

- Overall width: 6.33 [160,8]
- Overall height: 6.38 [136,5]
- Mounting flange width: 4.92 [124,9]
- Mounting flange height: 3.16 [80,3]
- Mounting flange thickness: 0.281 [7,14]
- Mounting flange hole diameter: 4X 0.316 [8,03]
- Mounting flange hole spacing: 4X 0.281 [7,14]
- Mounting flange hole diameter: 4X 0.316 [8,03]

Side View:

- Overall height: 3.56 [90,3]
- Mounting flange height: 4.27 [108,6]
- Mounting flange thickness: 0.281 [7,14]
- Mounting flange hole diameter: 4X 0.316 [8,03]
- Mounting flange hole spacing: 4X 0.281 [7,14]
- Mounting flange hole diameter: 4X 0.316 [8,03]



5X5X3 IMPACT® SERIES



Features & Benefits

- **Quality Material:** Bases and 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:** Molded in mounting flanges and integrated latch eliminates need for extra hardware.
- **Flexible Interior Mounting:** Bosses on rear wall of enclosure provide multiple mounting options for DIN rail, back panels, or other components.
- **Impact Resistant:** Meets or exceeds UL-746C and IEC 62262 requirements.
- **Standard Color:** Light Gray
- **UL/cUL Listed:** (File # E207562)

Mechanical & Thermal Properties

Impact Rating: IK10 (20 Joules)

UL 94 Flame Rated

Outdoor UV Exposure: f1 Rated

Temperature Range: -31°F up to 266°F (-35°C up to 130°C)

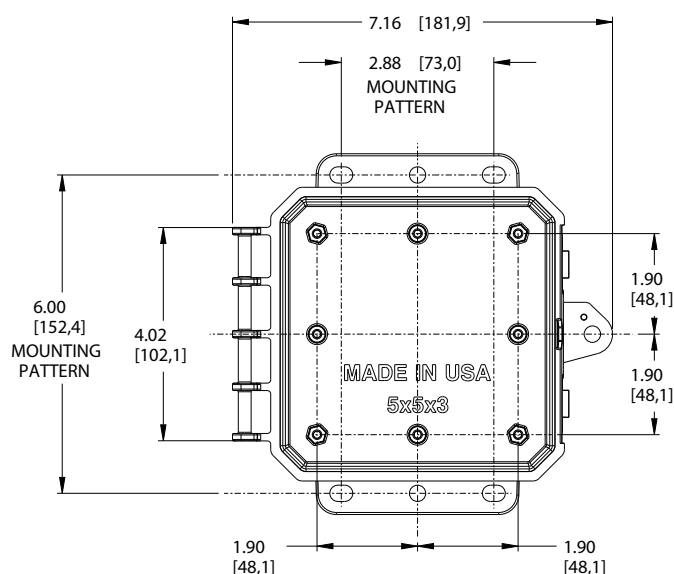
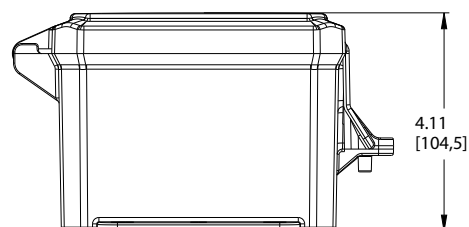
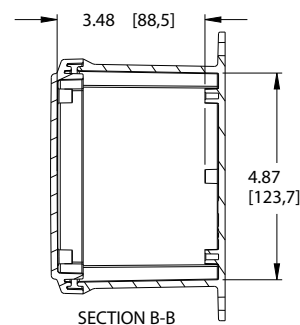
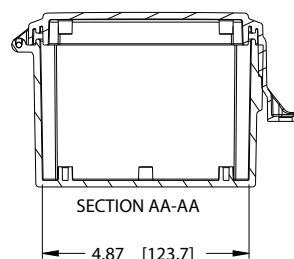


	Part Number	NEMA 4X (IP66)	NEMA 6P (IP68)	Standard Hinge	Low Profile Hinge	Opaque Cover	Clear Cover	Integrated Mounting Flange	Integrated Locking Latch	Stainless Steel Locking Latch	Non-Metallic Locking Latch
★	P5053	•	•	•		•		•	•		
★	P5053C	•	•	•			•	•	•		
	P5053LL	•		•		•		•		•	
	P5053CLL	•		•			•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

▲Low Profile models require a minimum order quantity. Contact factory for details.

Technical drawing of the front view of the 1000 Series LED Flood Light. The drawing shows a square-shaped light fixture with a central lens area. Dimensions are provided in inches and millimeters. Key dimensions include: overall width 6.83 [173,5], overall height 6.80 [172,7], mounting hole spacing 5.51 [140,0], mounting hole diameter 0.307 [7,79], mounting hole offset 0.432 [10,97], lens width 4.29 [108,9], and lens height 5.54 [140,6]. Section lines AA and B are indicated.



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6X4X4 IMPACT® SERIES



Features & Benefits

- **Quality Material:** Bases and 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:** Molded in mounting flanges and integrated latch eliminates need for extra hardware.
- **Flexible Interior Mounting:** Bosses on rear wall of enclosure provide multiple mounting options for DIN rail, back panels, or other components.
- **Impact Resistant:** Meets or exceeds UL-746C and IEC 62262 requirements.
- **Standard Color:** Light Gray
- **UL/cUL Listed:** (File # E207562)

Mechanical & Thermal Properties

Impact Rating: IK10 (20 Joules)

UL 94 Flame Rated

Outdoor UV Exposure: f1 Rated

Temperature Range: -31°F up to 266°F (-35°C up to 130°C)



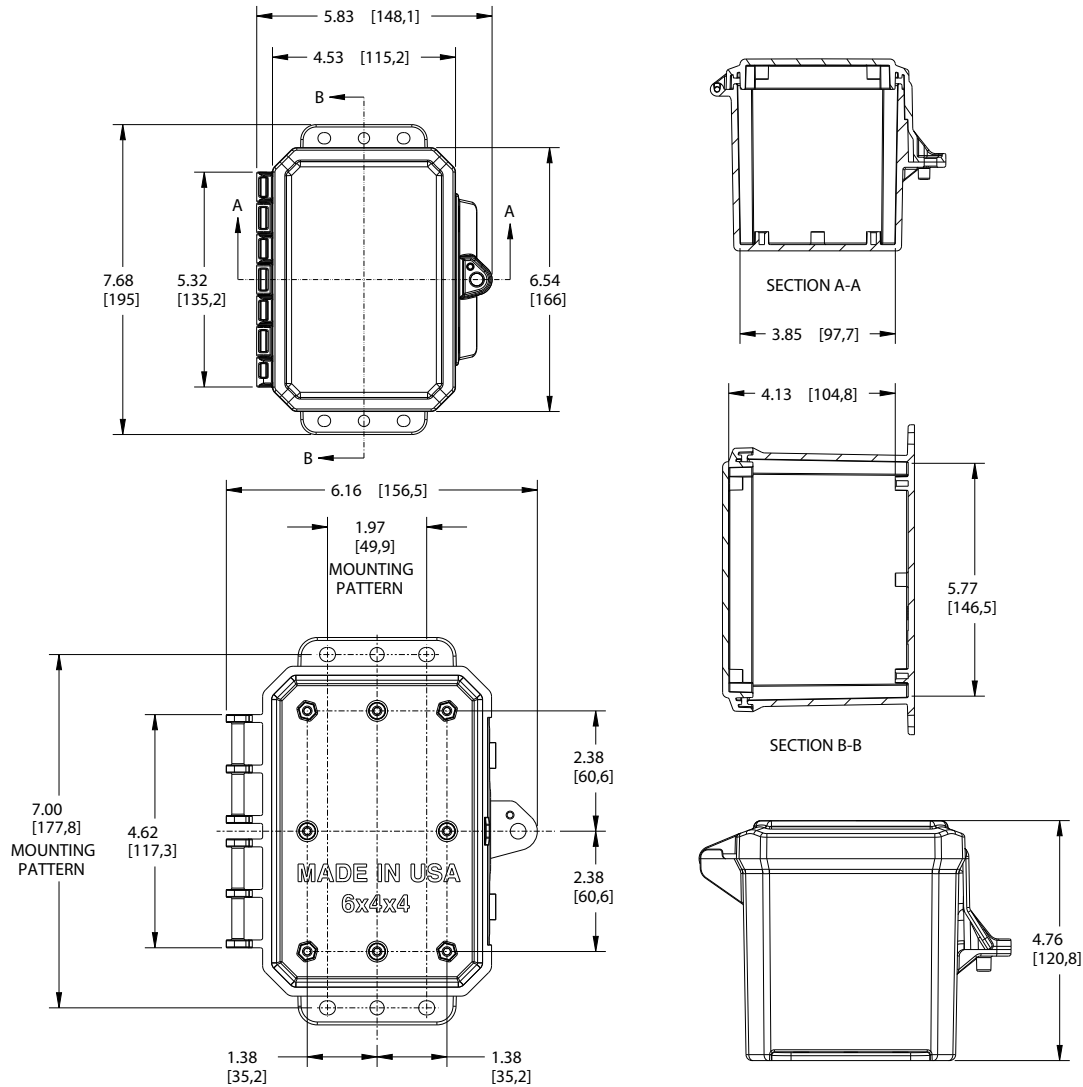
	Part Number	NEMA 4X (IP66)	NEMA 6P (IP68)	Standard Hinge	Low Profile Hinge	Opaque Cover	Clear Cover	Integrated Mounting Flange	Integrated Locking Latch	Stainless Steel Locking Latch	Non-Metallic Locking Latch
★	P6044	•	•	•		•		•	•		
★	P6044C	•	•	•			•	•	•		
	P6044LL	•		•		•		•		•	
	P6044CLL	•		•			•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

▲Low Profile models require a minimum order quantity. Contact factory for details.



6X4X4 IMPACT® SERIES



[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 6x4x4 (For complete accessories, see pages 96-100)



Back Panels

ABP-64-IMP - Aluminum panel
SBP-64-IMP - Steel panel
PVCBP-64-IMP - PVC panel



Aluminum Face Plate System

AFPK64-IMP - Aluminum face plate and CB64-IMP mounting kit
AFP64-IMP - Aluminum face panel only



Mounting Screws

SP8 - 10 Piece screw pack for bosses.



Air Vents

VENT 2 - Outdoor labyrinth
VENT 3 - Aluminum louvered



Steel Face Plate System

SFPK64-IMP - Steel face plate and CB64-IMP mounting kit
SFP64-IMP - Steel face panel only



Cord Grips & Hole Plugs

IP68/NEMA 6P Rated
 See page 89 for more details and part numbers.



Din Rail

DIN4-IMP - 2 Rails, 4 Screws



Pole Mounting Kit

PMKG-2346-IMP - Universal Pole Mount Kit for 2-6" pole
PMKG-12-IMP - Universal Pole Mount Kit for 12" pole



Face Plate Mounting Kit

CB64-IMP Support Rails and Screws for P6044 Face Plate



6X6X3 IMPACT® SERIES



Features & Benefits

- **Quality Material:** Bases and 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:** Molded in mounting flanges and integrated latch eliminates need for extra hardware.
- **Flexible Interior Mounting:** Bosses on rear wall of enclosure provide multiple mounting options for DIN rail, back panels, or other components.
- **Impact Resistant:** Meets or exceeds UL-746C and IEC 62262 requirements.
- **Standard Color:** Light Gray
- **UL/cUL Listed:** (File # E207562)

Mechanical & Thermal Properties

Impact Rating: IK10 (20 Joules)

UL 94 Flame Rated

Outdoor UV Exposure: f1 Rated

Temperature Range: -31°F up to 266°F (-35°C up to 130°C)



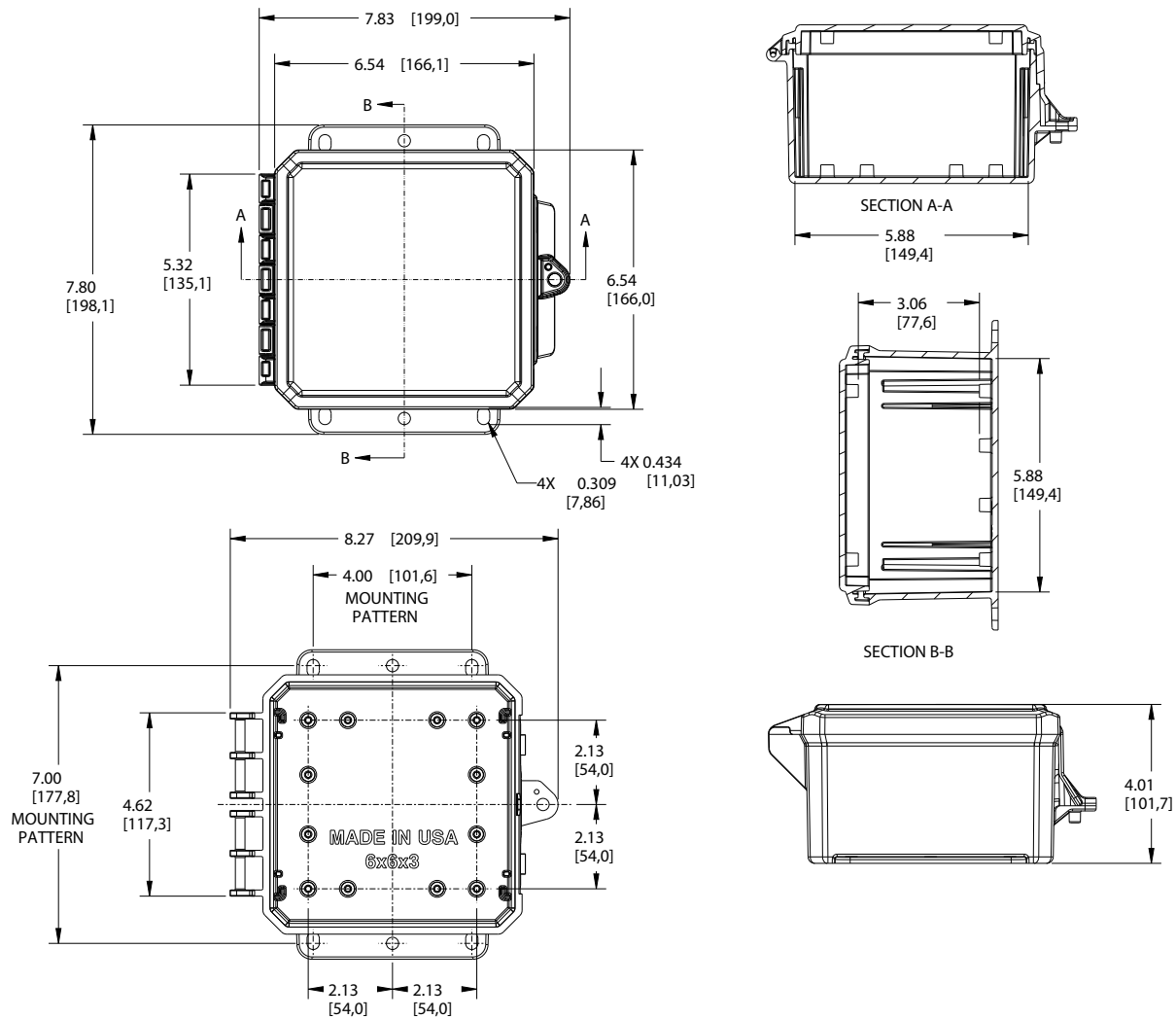
Part Number	NEMA 4X (IP66)	NEMA 6P (IP68)	Standard Hinge	Low Profile Hinge	Opaque Cover	Clear Cover	Integrated Mounting Flange	Integrated Locking Latch	Stainless Steel Locking Latch	Non-Metallic Locking Latch
★ P6063	•	•	•		•		•	•		
★ P6063C	•	•	•			•	•	•		
P6063LL	•		•		•		•		•	
P6063CLL	•		•			•	•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

▲Low Profile models require a minimum order quantity. Contact factory for details.



6X6X3 IMPACT® SERIES



[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 6x6x3 (For complete accessories, see pages 96-100)



Back Panels

ABP-66-IMP - Aluminum panel
SBP-66-IMP - Steel panel
PVCBP-66-IMP - PVC panel



Aluminum Swing Panel Kits

ASWP-66-IMP - Aluminum swing panel and SOPK-IMP mounting kit
ASWP-66-IMP - Panel only
SOPK-66-86-IMP - Rigid brackets, pivot bracket & self-tapping screws



Aluminum Face Plate System

AFPK-66-IMP - Aluminum face plate and SOPK-IMP mounting kit
AFP-66-IMP - Panel only
SOPK-66-86-IMP - Rigid brackets, pivot bracket & self-tapping screws



Air Vents

VENT 2 - Outdoor labyrinth
VENT 3 - Aluminum louvered



Steel Swing Panel Kits

SSWP-66-IMP Steel swing panel and SOPK-IMP mounting kit
SSWP-66-IMP - Panel only
SOPK-66-86-IMP - Rigid brackets, pivot bracket & self-tapping screws



Steel Face Plate System

SFPK-66-IMP - Steel face plate and SOPK-IMP mounting kit
SFP-66-IMP - Panel only
SOPK-66-86-IMP - Rigid brackets, pivot bracket & self-tapping screws



Din Rail

DIN6-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 & Hole Plugs

IP68/NEMA 6P Rated
See page 89 for more details and part numbers.



8X6X3 IMPACT[®] SERIES



Features & Benefits

- **Quality Material:** Bases and 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:** Molded in mounting flanges and integrated latch eliminates need for extra hardware.
- **Flexible Interior Mounting:** Bosses on rear wall of enclosure provide multiple mounting options for DIN rail, back panels, or other components.
- **Impact Resistant:** Meets or exceeds UL-746C and IEC 62262 requirements.
- **Standard Color:** Light Gray
- **UL/cUL Listed:** (File # E207562)

Mechanical & Thermal Properties

Impact Rating: IK10 (20 Joules)

UL 94 Flame Rated

Outdoor UV Exposure: f1 Rated

Temperature Range: -31°F up to 266°F (-35°C up to 130°C)



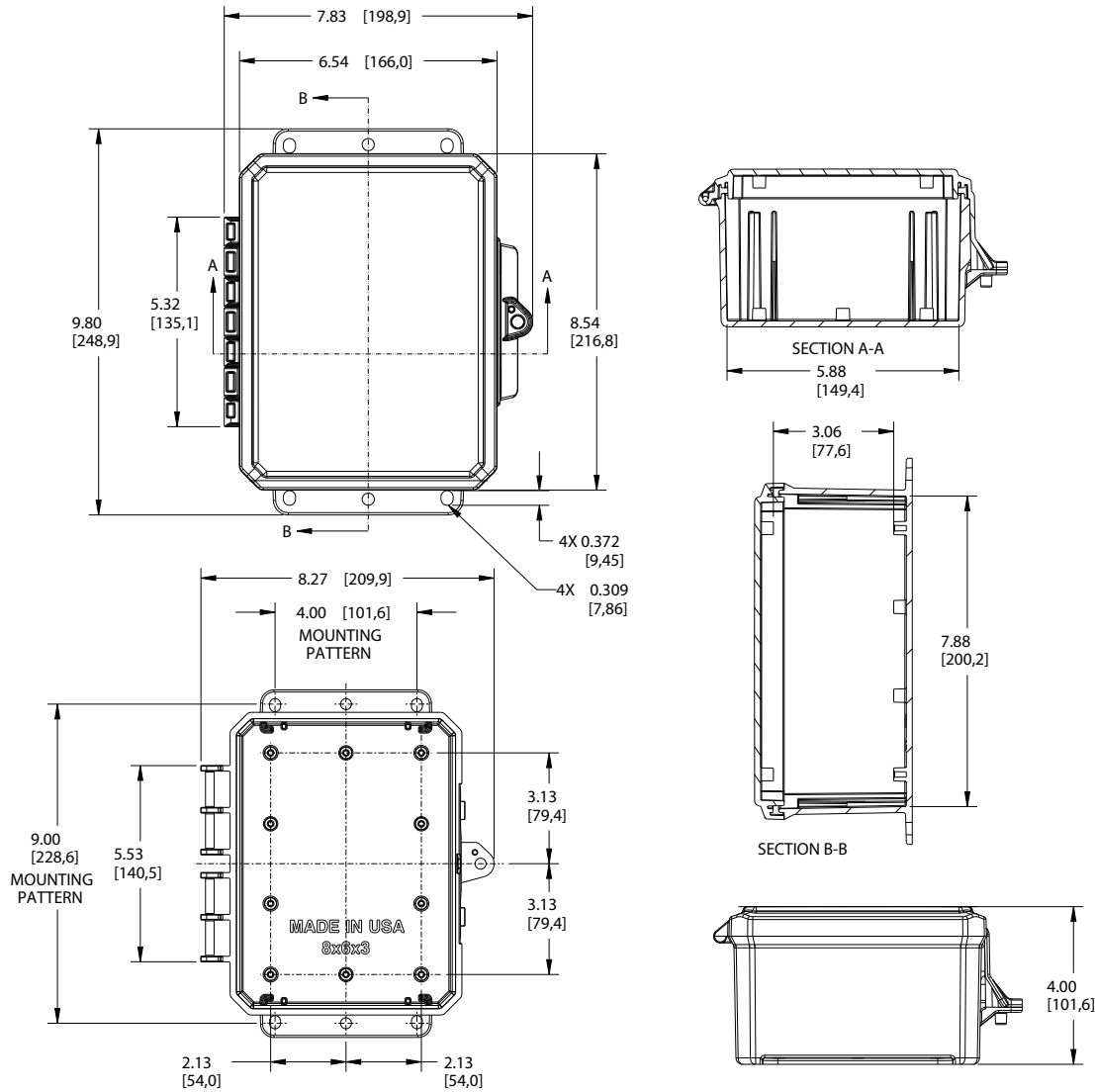
Part Number	NEMA 4X (IP66)	NEMA 6P (IP68)	Standard Hinge	Low Profile Hinge	Opaque Cover	Clear Cover	Integrated Mounting Flange	Integrated Locking Latch	Stainless Steel Locking Latch	Non-Metallic Locking Latch
★ P8063	•	•	•		•		•	•		
★ P8063C	•	•	•			•	•	•		
P8063LL	•		•		•		•		•	
P8063CLL	•		•			•	•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

▲Low Profile models require a minimum order quantity. Contact factory for details.



8X6X3 IMPACT® SERIES



[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 8x6x3 (For complete accessories, see pages 96-100)



Back Panels

ABP-86-IMP - Aluminum panel
SBP-86-IMP - Steel panel
PVCBP86-IMP - PVC panel



Aluminum Swing Panel Kits

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



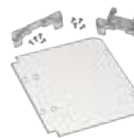
Aluminum Face Plate System

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



Air Vents

VENT 2 - Outdoor labyrinth
VENT 3 - Aluminum louvered



Steel Swing Panel Kits

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



Din Rail

DIN6-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 & Hole Plugs

IP68/NEMA 6P Rated
See page 89 for more details and part numbers.



9X8X2 IMPACT[®] SERIES



Features & Benefits

- **Quality Material:** Bases and 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:** Molded in mounting flanges and integrated latch eliminates need for extra hardware.
- **Flexible Interior Mounting:** Bosses on rear wall of enclosure provide multiple mounting options for DIN rail, back panels, or other components.
- **Impact Resistant:** Meets or exceeds UL-746C and IEC 62262 requirements.
- **Standard Color:** Light Gray
- **UL/cUL Listed:** (File # E207562)

Mechanical & Thermal Properties

Impact Rating: IK10 (20 Joules)

UL 94 Flame Rated

Outdoor UV Exposure: f1 Rated

Temperature Range: -31°F up to 266°F (-35°C up to 130°C)

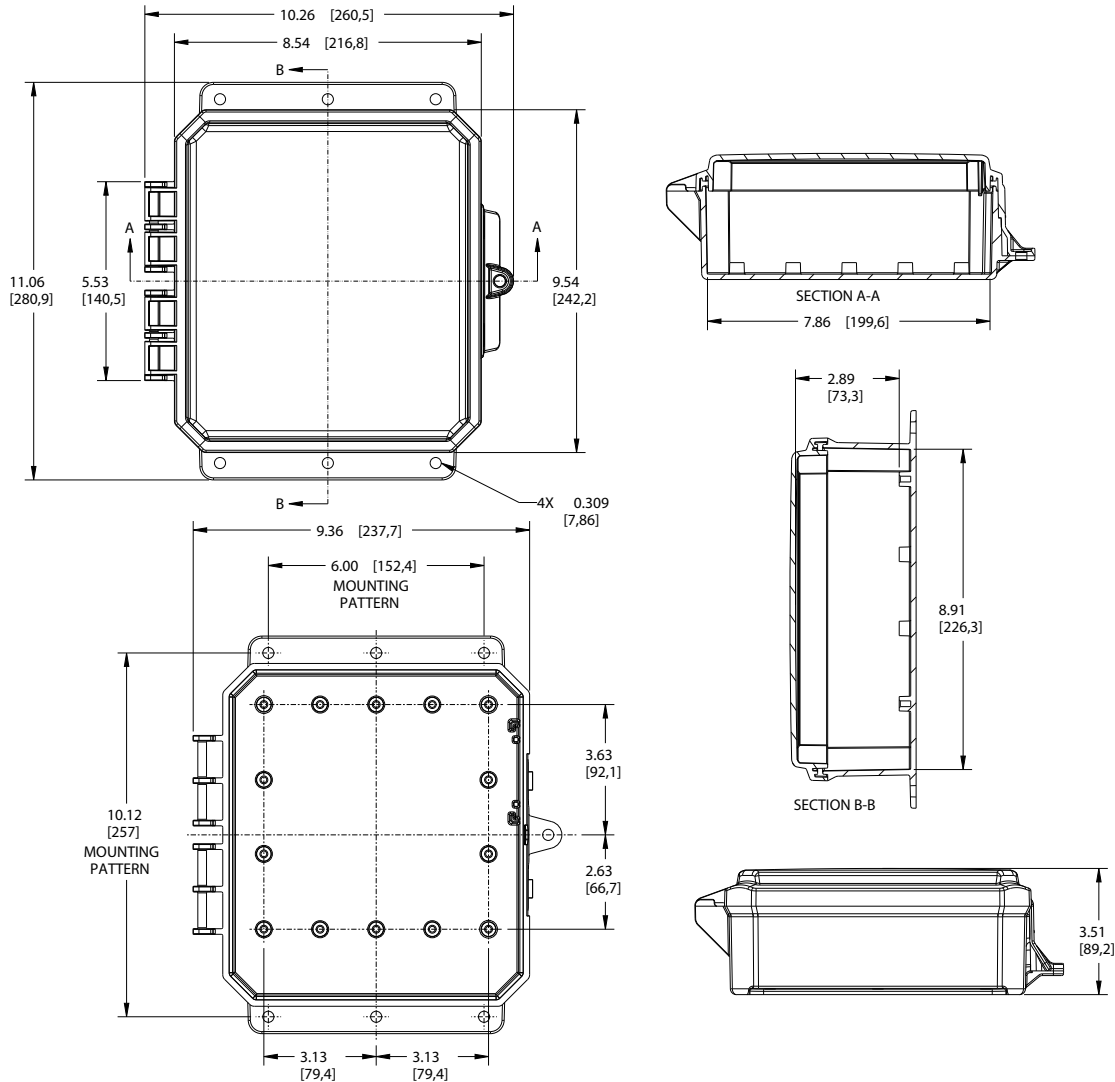


Part Number	NEMA 4X (IP66)	NEMA 6P (IP68)	Standard Hinge	Low Profile Hinge	Opaque Cover	Clear Cover	Integrated Mounting Flange	Integrated Locking Latch	Stainless Steel Locking Latch	Non-Metallic Locking Latch
★ P9082	•	•	•		•		•	•		
★ P9082C	•	•	•			•	•	•		

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



9X8X2 IMPACT® SERIES



[Bracketed dimensions in mm]

TORQUE SPECIFICATIONS:

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

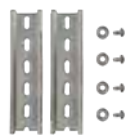
Register online to download detailed drawing files at www.integraenclosures.com

Accessories for 9x8x2 (For complete accessories, see pages 96-100)



Back Panels

ABP-98-IMP - Aluminum panel
SBP-98-IMP - Steel panel
PVCBP98-IMP - PVC panel



Din Rail

DIN8-IMP - 2 Rails, 4 Screws



Mounting Screws

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



Air Vents

VENT 2 - Outdoor labyrinth
VENT 3 - Aluminum louvered



Pole Mounting Kit

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



Cord Grips & Hole Plugs

IP68/NEMA 6P Rated
 See page 89 for more details and part numbers.



10X8X4 IMPACT[®] SERIES



Features & Benefits

- **Quality Material:** Bases and 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:** Molded in mounting flanges and integrated latch eliminates need for extra hardware.
- **Flexible Interior Mounting:** Bosses on rear wall of enclosure provide multiple mounting options for DIN rail, back panels, or other components.
- **Impact Resistant:** Meets or exceeds UL-746C and IEC 62262 requirements.
- **Standard Color:** Light Gray
- **UL/cUL Listed:** (File # E207562)

Mechanical & Thermal Properties

Impact Rating: IK10 (20 Joules)

UL 94 Flame Rated

Outdoor UV Exposure: f1 Rated

Temperature Range: -31°F up to 266°F (-35°C up to 130°C)



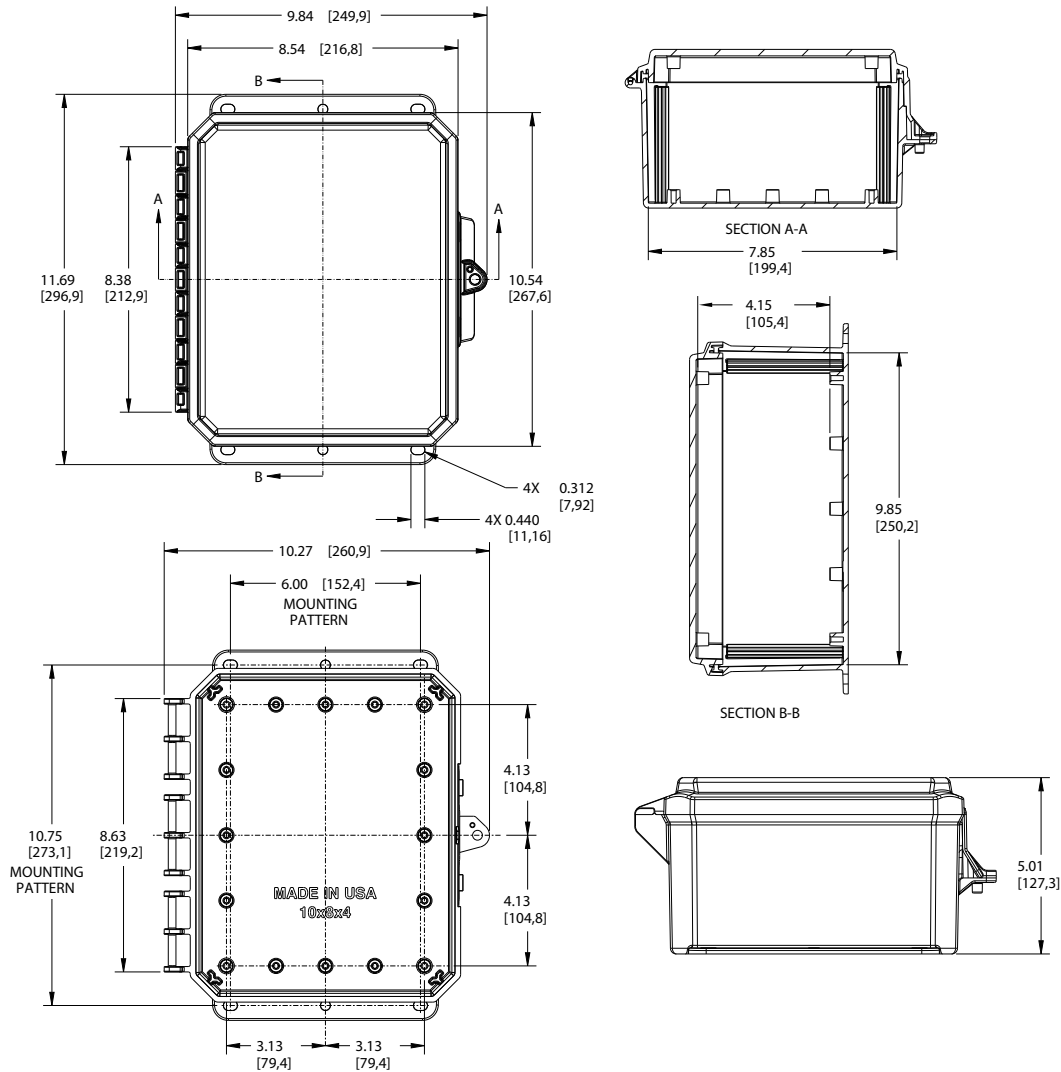
	Part Number	NEMA 4X (IP66)	NEMA 6P (IP68)	Standard Hinge	Low Profile Hinge	Opaque Cover	Clear Cover	Integrated Mounting Flange	Integrated Locking Latch	Stainless Steel Locking Latch	Non-Metallic Locking Latch
★	P10084	•	•	•		•		•	•		
★	P10084C	•	•	•			•	•	•		
	P10084LL	•		•		•		•		•	
	P10084CLL	•		•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

▲Low Profile models require a minimum order quantity. Contact factory for details.



10X8X4 IMPACT® SERIES



[Bracketed dimensions in mm]

TORQUE SPECIFICATIONS:

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

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

Accessories for 10x8x4 (For complete accessories, see pages 96-100)



Back Panels

ABP-108-IMP - Aluminum panel
SBP-108-IMP - Steel panel
PVCBP108-IMP - PVC panel



Aluminum Swing Panel Kits

ABP-108-USOPK - Complete kit
ABP-108USP - Panel only
USOPK - Hardware only



Aluminum Face Plate System

AFPK108-IMP - Complete kit
AFP108-IMP - Panel only
USOPK - Hardware only



Air Vents

VENT 2 - Outdoor labyrinth
VENT 3 - Aluminum louvered



Steel Swing Panel Kits

SBP-108-USOPK - Complete kit
SBP-108USP - Panel only
USOPK - Hardware only



Steel Face Plate System

SFPK108-IMP - Complete kit
SFP108-IMP - Panel only
USOPK - Hardware only



Din Rail

DIN8-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 & Hole Plugs

IP68/NEMA 6P Rated
See page 89 for more details and part numbers.



10X8X6 IMPACT® SERIES



Features & Benefits

- **Quality Material:** Bases and 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:** Molded in mounting flanges and integrated latch eliminates need for extra hardware.
- **Flexible Interior Mounting:** Bosses on rear wall of enclosure provide multiple mounting options for DIN rail, back panels, or other components.
- **Impact Resistant:** Meets or exceeds UL-746C and IEC 62262 requirements.
- **Standard Color:** Light Gray
- **UL/cUL Listed:** (File # E207562)

Mechanical & Thermal Properties

Impact Rating: IK10 (20 Joules)

UL 94 Flame Rated

Outdoor UV Exposure: f1 Rated

Temperature Range: -31°F up to 266°F (-35°C up to 130°C)



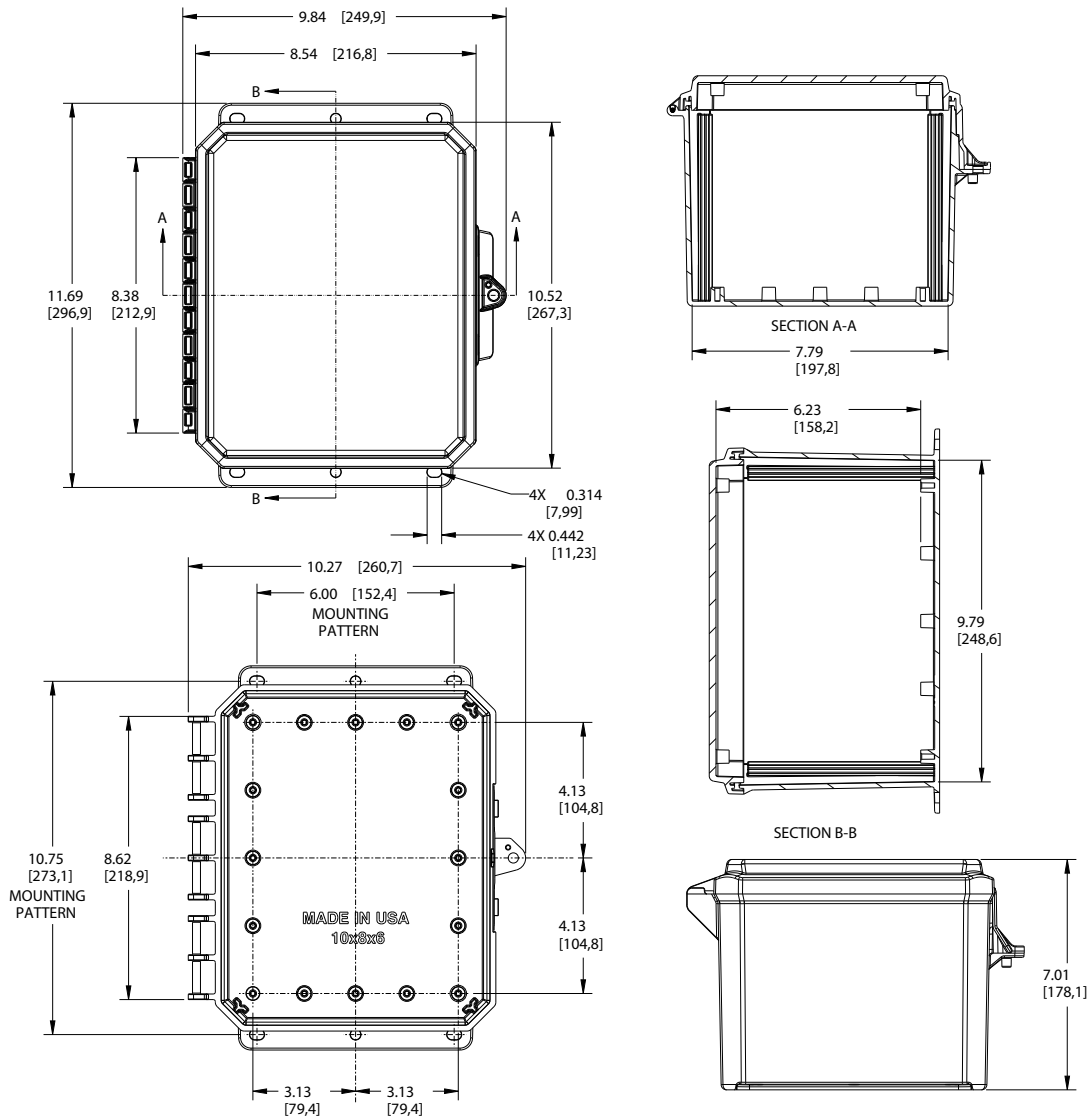
Part Number	NEMA 4X (IP66)	NEMA 6P (IP68)	Standard Hinge	Low Profile Hinge	Opaque Cover	Clear Cover	Integrated Mounting Flange	Integrated Locking Latch	Stainless Steel Locking Latch	Non-Metallic Locking Latch
★ P10086	•	•	•		•		•	•		
★ P10086C	•	•	•			•	•	•		
P10086LL	•		•		•		•		•	
P10086CLL	•		•		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

▲Low Profile models require a minimum order quantity. Contact factory for details.



10X8X6 IMPACT® SERIES



[Bracketed dimensions in mm]

TORQUE SPECIFICATIONS:

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

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

Accessories for 10x8x6 (For complete accessories, see pages 96-100)



Back Panels

ABP-108-IMP - Aluminum panel
SBP-108-IMP - Steel panel
PVCBP108-IMP - PVC panel



Aluminum Swing Panel Kits

ABP-108-USOPK - Complete kit
ABP-108USP - Panel only
USOPK - Hardware only



Aluminum Face Plate System

AFPK108-IMP - Complete kit
AFP108-IMP - Panel only
USOPK - Hardware only



Air Vents

VENT 2 - Outdoor labyrinth
VENT 3 - Aluminum louvered



Steel Swing Panel Kits

SBP-108-USOPK - Complete kit
SBP-108USP - Panel only
USOPK - Hardware only



Steel Face Plate System

SFPK108-IMP - Complete kit
SFP108-IMP - Panel only
USOPK - Hardware only



Din Rail

DIN8-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 & Hole Plugs

IP68/NEMA 6P Rated
 See page 89 for more details and part numbers.



12X10X4 IMPACT® SERIES



Features & Benefits

- **Quality Material:** Bases and 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:** Molded in mounting flanges and integrated latch eliminates need for extra hardware.
- **Flexible Interior Mounting:** Bosses on rear wall of enclosure provide multiple mounting options for DIN rail, back panels, or other components.
- **Impact Resistant:** Meets or exceeds UL-746C and IEC 62262 requirements.
- **Standard Color:** Light Gray
- **UL/cUL Listed:** (File # E207562)

Mechanical & Thermal Properties

Impact Rating: IK10 (20 Joules)

UL 94 Flame Rated

Outdoor UV Exposure: f1 Rated

Temperature Range: -31°F up to 266°F (-35°C up to 130°C)



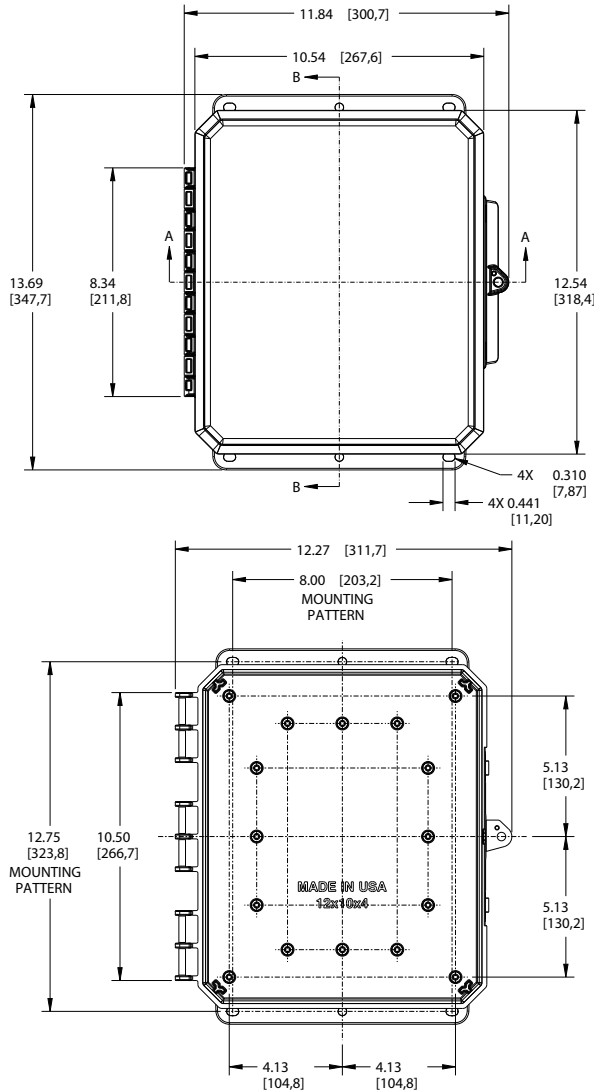
Part Number	NEMA 4X (IP66)	NEMA 6P (IP68)	Standard Hinge	Low Profile Hinge	Opaque Cover	Clear Cover	Integrated Mounting Flange	Integrated Locking Latch	Stainless Steel Locking Latch	Non-Metallic Locking Latch
★ P12104	•		•		•		•	•		
★ P12104C	•		•			•	•	•		
P12104LL	•		•		•		•		•	
P12104CLL	•		•			•	•		•	
P12104NL	•		•		•		•			•
P12104CNL	•		•			•	•			•
P12104LP▲	•			•	•		•	•		
P12104LPC▲	•			•		•	•	•		
P12104LPLL▲	•			•	•		•		•	
P12104LPCLL▲	•			•		•	•		•	
P12104LPNL▲	•			•	•		•			•
P12104LPCNL▲	•			•		•	•			•

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

▲Low Profile models require a minimum order quantity. Contact factory for details.



12X10X4 IMPACT® SERIES



[Bracketed dimensions in mm]

TORQUE SPECIFICATIONS:

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

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

Accessories for 12x10x4 (For complete accessories, see pages 96-100)



Back Panels

ABP-1210-IMP - Aluminum panel
SBP-1210-IMP - Steel panel
PVCBP1210-IMP - PVC panel



Aluminum Swing Panel Kits

ABP-1210-USOPK - Complete kit
ABP-1210USP - Panel only
USOPK - Hardware only



Aluminum Face Plate System

AFPK1210-IMP - Complete kit
AFP1210-IMP - Panel only
USOPK - Hardware only



Air Vents

VENT 2 - Outdoor labyrinth
VENT 3 - Aluminum louvered



Steel Swing Panel Kits

SBP-1210-USOPK - Complete kit
SBP-1210USP - Panel only
USOPK - Hardware only



Steel Face Plate System

SFPK1210-IMP - Complete kit
SFP1210-IMP - Panel only
USOPK - Hardware only



Din Rail

DIN10-IMP - 2 Rails, 4 Screws



Pole Mounting Kit

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



Cord Grips & Hole Plugs

IP68/NEMA 6P Rated
 See page 89 for more details and part numbers.



GENESIS SERIES

GENESIS SERIES OVERVIEW



NEMA 4X and 6P Protection

All Integra enclosures are UL NEMA rated, protecting your controls from water, dust, oil and dirt.

- NEMA 4X - Water and corrosion resistant
- NEMA 6P - Temporarily submersible in up to 6 feet of water, up to 24 hours



Wide Operating Temperature Range

Integra's polycarbonate holds its tensile strength better than other non-metallic materials over a wide temperature range.

- -31°F up to 266°F (-35°C up to 130°C)



Impact Resistant

Integra's enclosures have been rigorously tested to meet and exceed industry standard UL-746C and IEC 62262 testing.

- IK10 rated withstanding up to 20 Joules



OEM Solutions

Integra's full suite of modification services are available for all enclosure styles and sizes including:

- In-house machining for enclosures and panels
- Printing and Laser Marking
- Bulk Packaging
- Custom Colors

• Molded in Mounting Bosses

All Genesis Series enclosures have extra mounting bosses molded into the rear wall and the inside cover to permit self-tapping screws to secure din rail, sub panels and components.

• Multi-Max Rail System®

The MULTIPLE configurations for MAXimum options rail system provide unlimited mounting potential for your application. These rails can be placed along the side walls of the enclosure to provide additional mounting holes for components. 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 Stiffener 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.

**Reach out to our experienced team to discuss
your unique requirements.**
(Minimums may apply)



GENESIS SERIES

**CONTINUOUS
PIANO HINGE**

**EXTRA
MOUNTING
BOSSES**

**TAGGABLE/
LOCKABLE
LATCH**

**MULTIMAX
SIDE RAILS**

**MULTIMAX
STIFFENER
FRAME**



20X16X8 GENESIS SERIES



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

Features & Benefits

- **Quality Material:** Bases and Covers are all made of high-impact, UV resistant polycarbonate.
- **Multi-Max Rail Mounting System®:** Maximize your enclosure space with full three-dimensional mounting capabilities.
- **Flexible Interior Mounting:** Brass inserted bosses on rear wall and lid for more mounting options.
- **Full Hinge:** Sturdy, full length piano hinged door
- **Rigid Construction:** Unique, internal Multi-Max frame provides additional strength.
- **Integrated Flange:** Mounting flanges moulded into base, eliminating the need for extra hardware.
- **Standard Color:** Light Gray
- **UL/cUL Listed:** (File # E207562)
- **Impact Resistance:** Meets or exceeds UL-746C and IEC 62262 testing.

Mechanical & Thermal Properties

Impact Rating: IK10 (20 Joules)

UL 94 Flame Rated

Outdoor UV Exposure: f1 Rated

Temperature Range: -31°F up to 266°F (-35°C up to 130°C)

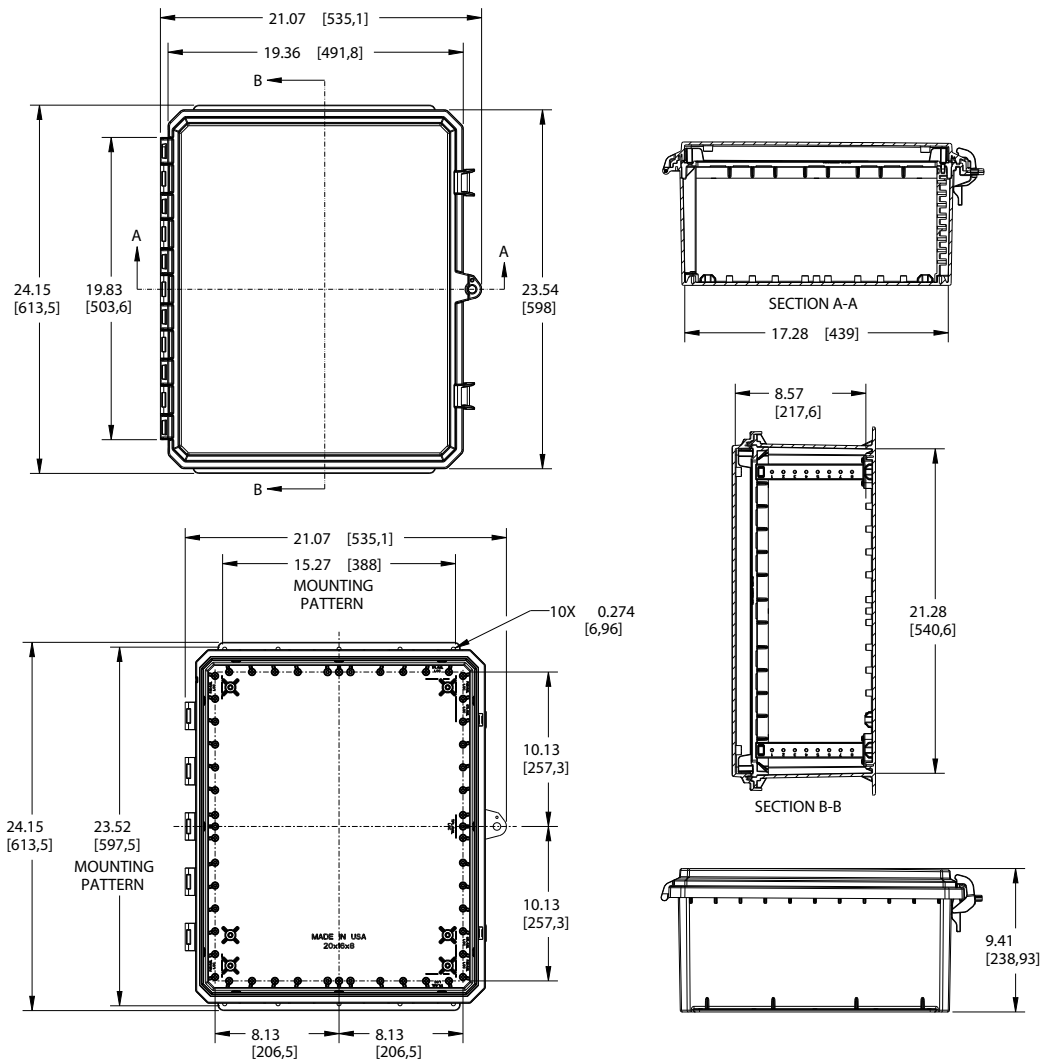


	Part Number	NEMA 4X (IP66)	NEMA 6P (IP68)	Piano Hinge	Opaque Cover	Clear Cover	Integrated Mounting Flange	Non-Metallic Locking Latch	3-Point Latch	1/4 Turn Latch	Multi-Max Rail System
★	G201608	•	•	•	•		•	•			•
★	G201608C	•	•	•		•	•	•			•
	G201608TPL	•		•	•		•		•		•
	G201608CTPL	•		•		•	•		•		•
	G201608QTL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

TORQUE SPECIFICATIONS:

Panels - #10-32 x 0.3125" pan head 18-8 SS (torque limit = 10-15 in lbs)

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

Accessories for 20x16x8 (For complete accessories, see pages 101-102)



Back Panels

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



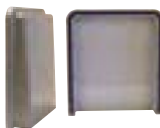
Panel Pads

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 Panel Kits

ABP2016-GSOPK - Aluminum 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



Cord Grips & Hole Plugs

IP68/NEMA 6P Rated
See page 89 for more details and part numbers.



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



Features & Benefits

- **Quality Material:** Bases and Covers are all made of high-impact, UV resistant polycarbonate.
- **Multi-Max Rail Mounting System®:** Maximize your enclosure space with full three-dimensional mounting capabilities.
- **Flexible Interior Mounting:** Brass inserted bosses on rear wall and lid for more mounting options.
- **Full Hinge:** Sturdy, full length piano hinged door
- **Rigid Construction:** Unique, internal Multi-Max frame provides additional strength.
- **Integrated Flange:** Mounting flanges moulded into base, eliminating the need for extra hardware.
- **Standard Color:** Light Gray
- **UL/cUL Listed:** (File # E207562)
- **Impact Resistance:** Meets or exceeds UL-746C and IEC 62262 testing.

Mechanical & Thermal Properties

Impact Rating: IK10 (20 Joules)

UL 94 Flame Rated

Outdoor UV Exposure: f1 Rated

Temperature Range: -31°F up to 266°F (-35°C up to 130°C)



Multi-Max Rails, Stiffener Frame & Mounting Flanges

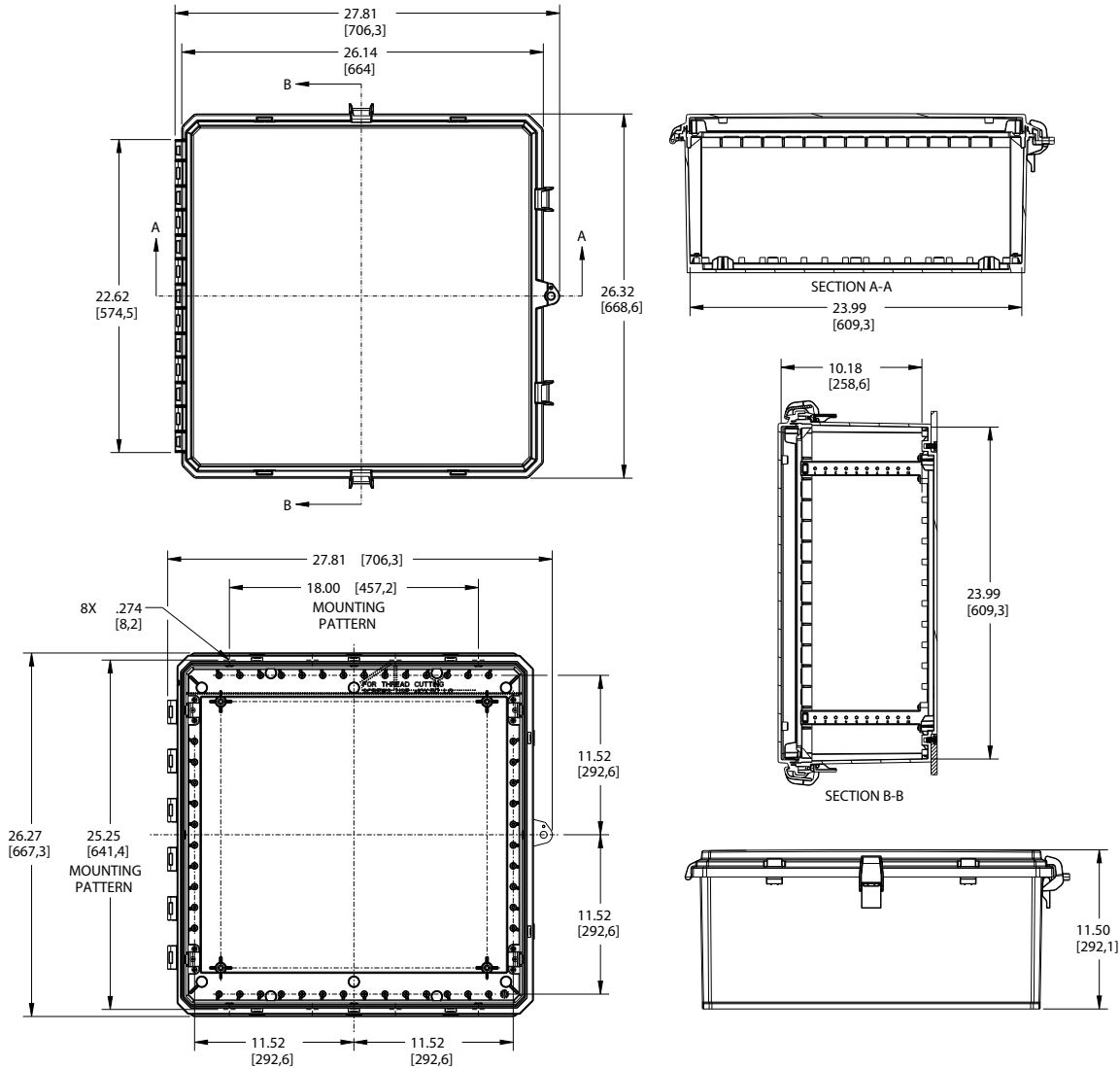
Multi-Max system not included with E part numbers

Part Number	NEMA 4X (IP66)	NEMA 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]

TORQUE SPECIFICATIONS:

Mounting Feet - 1/4"-20 x 0.5" Phillips countersunk drive screw SS (torque limit = 32 in lbs)

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

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

Accessories for 24x24x10 (For complete accessories, see pages 101-102)



Back Panels

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



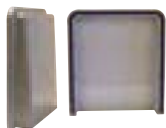
Panel Pads

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 Panel Kits

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



Cord Grips & Hole Plugs

IP68/NEMA 6P Rated
See page 89 for more details and part numbers.



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



CUSTOM METAL ENCLOSURES

CUSTOM METAL OVERVIEW



NEMA Rated Protection

Integra's custom metal enclosures are designed to protect from dust and water ingress in any indoor or outdoor application.

- UL508A Listed
- NEMA 1, 2, 3, 3R, 3SX, 4, 4X, 12 Rated



Wide Operating Temperature Range

Made with quality materials that perform over a wide operating temperature range

- -40°F up to 176°F (with FIP gasket)
- -40°F up to 140°F (with adhesive backed gasket)



Corrosion Resistant

Integra's Stainless Steel enclosures are built to resist corrosion from chemicals and moisture while minimizing routine maintenance.



OEM Solutions

Integra's metal enclosure solutions can be fully tailored to meet your project needs. With options including:

- In-house machining for enclosures and sub panels
- Multiple Latch, Mounting and Hinge Options
- Capabilities of Multiple Doors
- Custom Sizing up to 90" in height

• 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.

• Panel Standoffs

All Integra metal enclosures come standard with 3/8" threaded standoffs for mounting back panels.

• Smooth Edges

At Integra, the details make the difference. All seams are continuously welded and ground smooth for a clean look and safe handling. Stainless steel enclosures come standard with a #4 brush finish.

• Easy Mounting

The blind riv-nuts in the back of Integra's wall mount enclosures allow for quick attachment of mounting brackets and a completely watertight design straight out of the box. Welded on mounting options also available.

To get a quote, send a detailed drawing to:
customerservice@integraenclosures.com



CUSTOM METAL ENCLOSURES





WALL MOUNT ENCLOSURES



Features & Benefits

- **Built to spec:** custom enclosures built to order. Work with our team of enclosure experts to get exactly what you need.
- **Water-tight seal:** flange collar provides drainage channel around all sides of enclosure and a wide sealing face for water-resistant FIP gasket
- **Wide range of sizes:** we can accommodate up to 90 inches tall with the capabilities of multiple doors.
- **Quality construction:** seams are continuously welded and ground smooth to ensure a clean look and safe handling.
- **Grounding studs:** placed on door and body to prevent electrical shorts.
- **Temperature range -40° up to 176° Deg F.**
- **UL-50/c-UL Listed:** (File # E162786)
- **NEMA 1, 2, 3, 3R, 3SX, 4, 4X, 12 Rated**

Modified Enclosure Options

Enclosure Options

- Custom Sizing up to 90 inches in height
- Capabilities of Multiple Doors
- Overlapping Doors
- Slope Top (Full-Face or Bull Nose)

Material Options

- Stainless Steel
- Marine Grade Aluminum
- Carbon Steel

Latch Options

- Slotted or Keyed Quarter Turn Latch
- Slotted or Keyed Three-Point Handle
- Hasp Latch
- Door Clamps

Hinge Options

- Removable 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)

Gasket Options

- Polyurethane Foam-In-Place Gasket (FIP)
- Adhesive Backed Polyurethane Gasket

Machining

- Custom hole patterns for connectors
- Disconnect cutouts
- Window cutouts
- Plus More

Artwork and Powder Coat

- Full color silk screen with optional UV protective coating
- Laser etching for precise, durable graphics
- Choose from wide range of RAL powder coat colors

To get a quote, send a detailed drawing to:
customerservice@integraenclosures.com

**Certain configurations may not provide a UL rating and are subject to engineering approval. 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.*



WALL MOUNT ENCLOSURES



Popular Add-Ons for Wall Mount Enclosures

Integra's NEMA Rated wall mount enclosures are manufactured to meet your needs while keeping your components safe and secure. Choose from multiple configuration and mounting options. Unless otherwise specified, Integra's standard configuration includes a stainless steel pin hinge, slotted quarter-turn latch and bolt-on mounting brackets.



Window Kits

Flush-mount and exterior mount windows made of impact resistant polycarbonate or tempered glass.



Gland Plates

UL NEMA 4X Rated gland plates allow for multiple hole pattern variations on a single enclosure.



Mounting Brackets

Multiple mounting options available including, Welded or Bolt-On Tabs or Flanges, Rivet Nuts or Through Holes.



Sub Panels

Back Panels and Swing Panels available in multiple materials. Add custom machining to any sub panel for easy component installation!



PEMs

Threaded and Non-Threaded PEMs can be installed or shipped separately.



Slope Top

Bull Nose or Full Face slope tops ensure sanitary conditions and prevent standing water on the top of the enclosure.



FREE STANDING ENCLOSURES



Features & Benefits

- **Built to spec:** custom enclosures built to order. Work with our team of enclosure experts to get exactly what you need.
- **Water-tight seal:** flange collar provides drainage channel around all sides of enclosure and a wide sealing face for water-resistant FIP gasket
- **Wide range of sizes:** we can accommodate up to 90 inches tall with the capabilities of multiple doors.
- **Quality construction:** seams are continuously welded and ground smooth to ensure a clean look and safe handling.
- **Grounding studs:** placed on door and body to prevent electrical shorts.
- **Temperature range -40° up to 176° Deg F.**
- **UL-50/c-UL Listed:** (File # E162786)
- **NEMA 1, 2, 3, 3R, 3SX, 4, 4X, 12 Rated**

Modified Enclosure Options

Enclosure Options

- Custom Sizing up to 90 inches in height
- Capabilities of Multiple Doors
- Overlapping Doors
- Slope Top

Material Options

- Stainless Steel
- Marine Grade Aluminum
- Carbon Steel

Latch Options

- Slotted or Keyed Quarter Turn Latch
- Slotted or Keyed Three-Point Handle
- Three-Point Quarter Turn Locking Latch
- Captive Screws
- Door Clamps
- Hasp Latch

Hinge Options

- Continuous Piano Hinge

Mounting Options

- Mounting Holes in Bottom
- Heavy Duty Lifting Eyes

Gasket Options

- Polyurethane Foam-In-Place Gasket (FIP)
- Adhesive Backed Polyurethane Gasket

Machining

- Custom hole patterns for connectors
- Disconnect cutouts
- Window cutouts
- Plus More

Artwork and Powder Coat

- Full color silk screen with optional UV protective coating
- Laser etching for precise, durable graphics
- Choose from wide range of RAL powder coat colors

To get a quote, send a detailed drawing to:
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FREE STANDING ENCLOSURES



Popular Add-Ons for Free Standing Enclosures

Integra's heavy duty free standing enclosures can be manufactured up to 90 inches tall and include multiple doors to house large control systems or drive assemblies. Explore our popular modification options here or reach out to our team to discuss your unique requirements.



Ventilation

Protect electronics from excessive heat and promote airflow with vents and louvers.



Machining

Precise, in house machining services include custom cut outs, drilled hole patterns and disconnect switch cutouts.



Solar Shields

Protect components from extreme temperatures and UV rays with external sun shields.



Sub Panels

Back Panels and Swing Panels available in multiple materials. Add custom machining to any sub panel for easy component installation!



Insulation

Multiple depths of insulation are available to help regulate the internal temperature of your enclosure.



Multiple Doors

Choose the number of doors required as well as details like, door swing direction, center post placement and master door.



FLOOR MOUNT ENCLOSURES



Features & Benefits

- **Built to spec:** custom enclosures built to order. Work with our team of enclosure experts to get exactly what you need.
- **Water-tight seal:** flange collar provides drainage channel around all sides of enclosure and a wide sealing face for water-resistant FIP gasket
- **Wide range of sizes:** we can accommodate up to 90 inches tall with the capabilities of multiple doors.
- **Quality construction:** seams are continuously welded and ground smooth to ensure a clean look and safe handling.
- **Grounding studs:** placed on door and body to prevent electrical shorts.
- **Temperature range -40° up to 176° Deg F.**
- **UL-50/c-UL Listed:** (File # E162786)
- **NEMA 1, 2, 3, 3R, 3SX, 4, 4X, 12 Rated**

Modified Enclosure Options

Enclosure Options

- Custom Sizing up to 90 inches in height
- Capabilities of Multiple Doors
- Overlapping Doors
- Slope Top (Full-Face or Bull Nose)

Material Options

- Stainless Steel
- Marine Grade Aluminum
- Carbon Steel

Latch Options

- Slotted or Keyed Quarter Turn Latch
- Slotted or Keyed Three-Point Handle
- Three-Point Quarter Turn Locking Latch
- Hasp Latch

Hinge Options

- Removable 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)

Gasket Options

- Polyurethane Foam-In-Place Gasket (FIP)
- Adhesive Backed Polyurethane Gasket

Machining

- Custom hole patterns for connectors
- Disconnect cutouts
- Window cutouts
- Plus More

Artwork and Powder Coat

- Full color silk screen with optional UV protective coating
- Laser etching for precise, durable graphics
- Choose from wide range of RAL powder coat colors

To get a quote, send a detailed drawing to:
customerservice@integraenclosures.com

**Certain configurations may not provide a UL rating and are subject to engineering approval. 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.*



FLOOR MOUNT ENCLOSURES



Popular Add-Ons for Floor Mount Enclosures

Floor Mounted enclosures are ideal for wash down areas or outdoor environments where components need stored up and off the ground. Choose the enclosure size, door quantity and leg height to meet the needs of your application.



Leg Height

Whether you're considering user ergonomics or wash-down procedures, leg height plays an important role.



Machining

Precise, in house machining services include custom cut outs, drilled hole patterns and disconnect switch cutouts.



Rain Shield

Rain Shields and Hoods protect end-users and components from adverse weather when the enclosure doors are open.



Sub Panels

Back Panels and Swing Panels available in multiple materials. Add custom machining to any sub panel for easy component installation!



Insulation

Multiple depths of insulation are available to help regulate the internal temperature of your enclosure.



Multiple Doors

Choose the number of doors required as well as details like, door swing direction, center post placement and master door.



ProtectEx (ATEX) SERIES

ProtectEx SERIES OVERVIEW



ATEX Rated Protection

Integra's ProtectEx enclosures are built to stand strong in hazardous environments

- Class I, Div 2, Groups A,B,C,D
- Class II/III, Div 2, Groups F and G
- Class I, Zone 1 and Zone 21



Wide Operating Temperature Range

Made with quality materials that perform over a wide operating temperature range

- -22°F up to 140°F (-30°C up to 60°C)



Corrosion Resistant

Integra's Stainless Steel enclosures are built to resist corrosion from chemicals and moisture while minimizing routine maintenance.



OEM Solutions

Integra's metal enclosure solutions can be fully tailored to meet your project needs. With options including:

- In-house machining for enclosures and sub panels
- Multiple Latch, Mounting and Hinge Options
- Capabilities of Multiple Doors
- Custom Sizing up to 90" in height

• 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.

• Panel Standoffs

All Integra stainless steel enclosures come standard with 3/8" threaded standoffs for mounting back panels.

• Smooth Edges

At Integra, the details make the difference. All seams are continuously welded and ground smooth for a clean look and safe handling. Stainless steel enclosures come standard with a #4 brush finish.

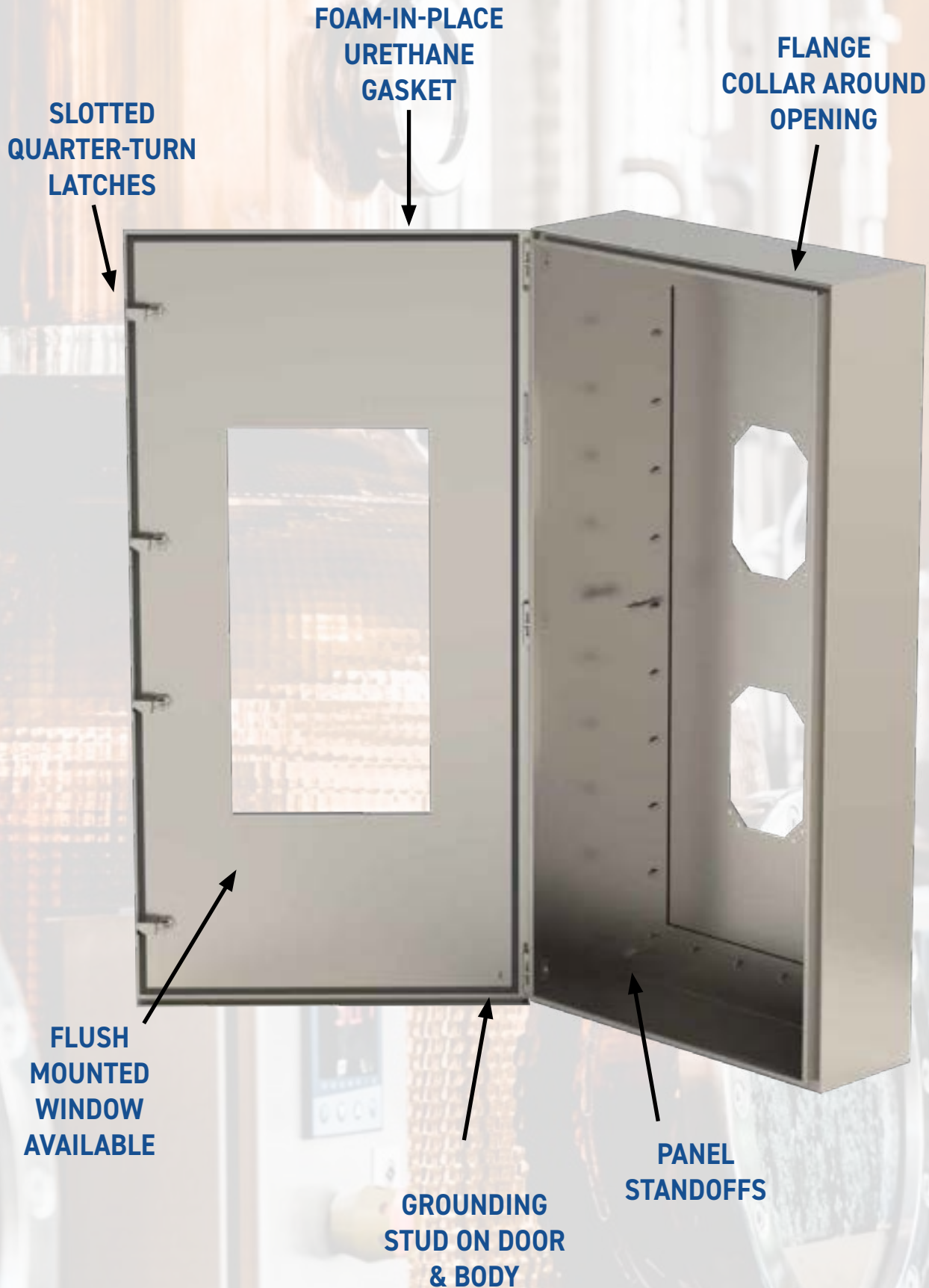
• Easy Mounting

The blind riv-nuts in the back of Integra's wall mount enclosures allow for quick attachment of mounting brackets and a completely watertight design straight out of the box. Welded on mounting options also available.

To get a quote, send a detailed drawing to:
customerservice@integraenclosures.com



ProtectEx (ATEX) SERIES





ATEX RATED ENCLOSURES



Features & Benefits

- **Built to spec:** Custom enclosures built to order. Work with our team of enclosure experts to get exactly what you need.
- **ATEX Certified:** Safe for use in hazardous areas
 - Class I, Div 2, Groups A,B,C,D
 - Class II/III, Div 2, Groups F and G
 - Class I, Zone 1 and Zone 21
- **Wide range of sizes:** Custom sizing up to 90 inches in height
- **Quality construction:** Seams are continuously welded and ground smooth to ensure a clean look and safe handling.
- **Grounding Studs:** placed on door and body to prevent electrical shorts.
- **Temperature range -22° to 140° Deg F.**
- **UL-50/c-UL Listed:** (File # E162786)
- **NEMA 1, 2, 3, 3R, 3SX, 4, 4X, 12 Rated**

ProtectEx Enclosure Features & Options

Wall Mount Enclosure

Wall Mount tabs or flanges are welded on for increased durability. Wall mount enclosures can have a flat or sloped top for drainage.

Free Standing Enclosure

Ideal for larger, heavier enclosures with optional floor anchors for added security. Freestanding enclosures can have a flat or sloped top for drainage.

Size Options

- Height up to 90"
- Width up to 72"
- Depth up to 36"

Material Options

- 304 Stainless Steel
- 316 Stainless Steel

Latch Options

- Slotted Quarter Turn Latch

Hinge Options

- Removable Stainless Steel Pin Hinge (Pinge™)

Gasket Options

- Polyurethane Foam-In-Place Gasket (FIP)

Machining

- Custom hole patterns for connectors
- Disconnect cutouts
- Window cutouts
- Plus More

Artwork and Powder Coat

- Full color silk screen with optional UV protective coating
- Laser etching for precise, durable graphics
- Choose from wide range of RAL powder coat colors

To get a quote, send a detailed drawing to:
customerservice@integraenclosures.com

**Certain configurations may not provide a UL rating and are subject to engineering approval. 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.*



ATEX RATED ENCLOSURES



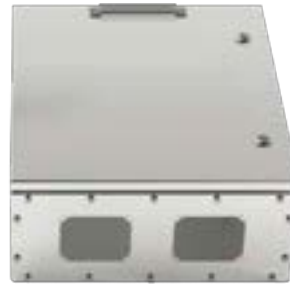
Popular Add-Ons for ProtectEx Enclosures

Integra's rugged, ATEX rated enclosures are ideal for the hazardous environments found in wastewater, distillery, chemical processing, oil and agriculture applications. Explore our popular modification options here or reach out to our team to discuss your unique requirements.



Window Kits

Flush-mount and exterior mount windows made of impact resistant polycarbonate or tempered glass.



Gland Plates

UL NEMA 4X Rated gland plates allow for multiple hole pattern variations on a single enclosure.



Machining

Precise, in house machining services include custom cut outs, drilled hole patterns and disconnect switch cutouts.



Sub Panels

Back Panels and Swing Panels available in multiple materials. Add custom machining to any sub panel for easy component installation!



PEMs

Threaded and Non-Threaded PEMs can be installed or shipped separately.



Eye Bolts

Heavy Duty lifting eyes allow for easier maneuvering of larger enclosures.



STORM SERIES

STORM SERIES OVERVIEW



Proven Protection

Integra's Storm Series enclosures are designed to handle your worst case scenario. Offering complete protection from dust and water ingress in outdoor or underground applications.

- IP68 Rated
- 3/16" Thick Stainless Steel Construction for long-term durability



Corrosion Resistant

Integra's Storm Series enclosures are made of 304 or 316 stainless steel to resist corrosion from chemicals and moisture while minimizing routine maintenance.



Wide Operating Temperature Range

Made with quality materials that perform over a wide temperature range.

- -20°F up to 140°F



OEM Solutions

Integra's metal enclosure solutions can be tailored to meet your project needs. With options including:

- In-house machining for enclosures and sub panels
- Custom Sizing up to 26" x 26" x 12"

• Ultra-tight Seal

Solid rubber gasket around door face provides a water-proof seal, even when temporarily submersed (approved for 30 feet for up to 7 days).

• Operator-Friendly Design

Heavy-Duty lever latches maintain a tight seal while allowing convenient access to components when needed. No tools required!

• Panel Standoffs

All Integra stainless steel enclosures come standard with threaded standoffs for mounting back panels.

• Reversible Door

Lift-off hinges are applied to both sides of the enclosure for simple door swing changes in the field.

• Easy Mounting

Storm Series enclosures come standard with welded on mounting flanges and heavy duty lifting eyes for easy maneuvering and mounting.

To get a quote, send a detailed drawing to:
customerservice@integraenclosures.com



STORM SERIES





STORM SERIES ENCLOSURES



Features & Benefits

- **Built to spec:** Custom enclosures built to order. Work with our team of enclosure experts to get exactly what you need.
- **Water-tight seal:** Keep electronics dry even in disaster. Submersion tested at 30 feet of water for up to 7 days!
- **Corrosion Resistant:** Made with heavy-duty stainless steel to resist rust and minimize maintenance.
- **Wide range of sizes:** Custom sizing up to 26x26x12
- **Quality construction:** Seams are continuously welded and ground smooth to ensure a clean look and safe handling.
- **Temperature range -20° to 140° Deg F.**
- **IP68 Rated**

Modified Enclosure Features & Options

Enclosure Options

- Custom Sizing up to 26x26x12
- Door hinges right or left

Size Options

- Height: 16 - 26 inches
- Width: 16 - 26 inches
- Depth: 8 - 12 inches

Material Options

- 304 Stainless Steel
- 316 Stainless Steel

Latch Options

- Heavy-Duty Lever Latches

Hinge Options

- Lift-Off Hinge

Mounting Options

- Welded on Mounting Flange
- Heavy Duty Lifting Eyes

Gasket Options

- Adhesive backed solid rubber gasket



Heavy-Duty Design

Storm Series Enclosures are built to handle your "worst case scenarios".

Impact Resistant

Heavy Duty Stainless Steel maintains strength and protects electronics from accidental impacts.

Corrosion Resistant

Solid stainless steel construction resists rust and corrosion even in damp environments.

Submersible

IP68 Rated and tested to handle up to 30 feet of water for up to 7 days!

To get a quote, send a detailed drawing to:
customerservice@integraenclosures.com



STORM SERIES ENCLOSURES



Storm Series Enclosure Features

Integra's Storm Series Enclosures are designed with utility operators in mind. Heavy-Duty 3/16" thick stainless steel and solid rubber gaskets provide long-term durability with minimal maintenance while solid lever latches and lifting handles allow for easy access to components when needed. Learn more about the Storm Series' features below.



Lift-Off Door

Stainless Steel door handles are affixed to the front to easily remove the door when needed.



Reversible Hinge

Lift-Off Hinges on both sides of the enclosure allow for the door swing to be changed in the field.



Lever Latches

Stainless Steel lever latches allow for simple access to components with no tools required.



Sub Panels

Panel stand-offs added for optional sub panels. Add custom machining to any sub panel for easy component installation!



Lifting Eyes

Heavy-duty lifting eyes at the top of the enclosure allow for connection to a crane for safe maneuvering and mounting of the enclosure.



Solid Rubber Gasket

The adhesive backed, solid rubber gasket on Storm Series enclosures provide a water-tight seal for temporary submersion.

PREMIUM SERIES PANELS



VERSATILE BY DESIGN: *Back and Swing Panel Solutions for Premium Enclosures*

SWING PANEL KITS

Designed to provide a clean look for screens and buttons while maintaining easy access to auxiliary components. Our advanced swing panel kits are made to be as versatile as our enclosures.

- **Easy Installation:** No drilling required!
- **Multiple Materials:** Available in Aluminum, White Painted Steel, and PVC.
- **Modifications:** Add machined cutouts for buttons, switches and screens.



BACK PANELS

Secure and install your components on our customizable back panels, which can be machined for easy installation of components. Panels are available in multiple materials.

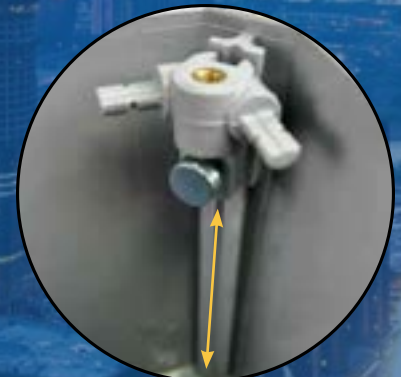
- **Aluminum:** Lightweight and Cost-Effective
- **Painted Steel:** White powder coat offers corrosion resistance and clean finished look.
- **PVC:** Non-Conductive and Lightweight



ADJUSTABLE PANELS MAKE COMPONENT INSTALLATION A BREEZE

Easily adjust your Back Panels to the desired height to fit all your components.

Panel adjustment kits are made to fit on our patented T-Rail system using simple thumb screws for easy modifications in the field.





IMPACT® SERIES PANELS

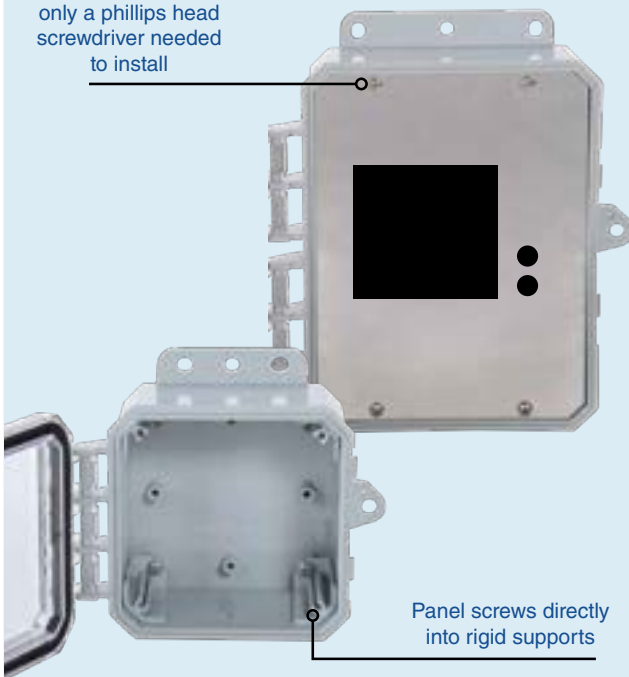
BUILT TO ADAPT: *Multiple Panel Configurations for Impact Enclosures*

FACE PLATE KITS

Designed to mount buttons, switches and monitors rigidly to the front of the enclosure while concealing auxiliary components behind.

- **Easy Installation:** No Drilling required!
- **Multiple Materials:** Available in Aluminum and White Painted Steel
- **Modifications:** Add machined cutouts for buttons, switches and screens.
- **Compatible:** Faceplates are available for any Impact series enclosure.

No drilling required,
only a phillips head
screwdriver needed
to install



BACK PANELS

Secure and install your components on our customizable back panels, which can be machined to be suited to any application. Panels are available in multiple materials.

- **Aluminum:** Lightweight and Cost-Effective
- **Painted Steel:** White powder coat offers corrosion resistance and clean finished look.
- **PVC:** Non-Conductive and Lightweight



SWING PANELS PROVIDE A CLEAN LOOK WITH EASY ACCESS

Just like our Premium Line of enclosures, Swing Panels can be installed to keep your electronics protected while providing easy access to them.



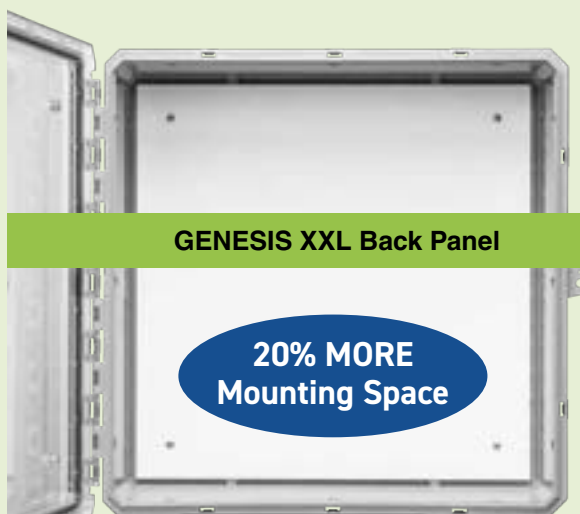
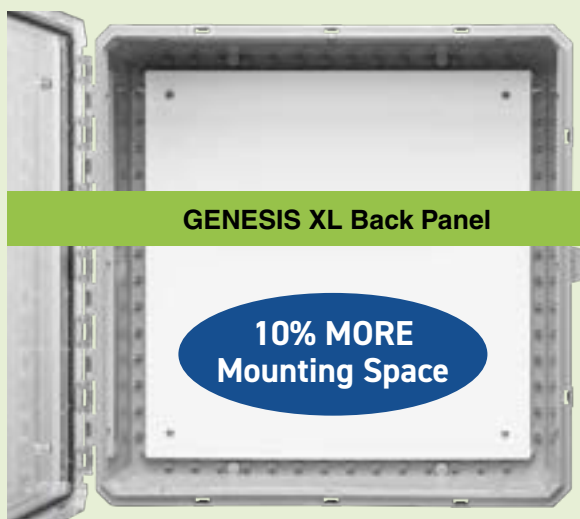
GENESIS SERIES PANELS



MAXIMIZE YOUR SPACE: *Internal Mounting Solutions for Genesis Enclosures*

EXTRA LARGE PANELS

Designed to optimize our largest enclosure sizes, these panels provide up to 20% more space, giving you ample room to install all your electrical components.



NOT COMPATIBLE WITH MULTI-MAX RAILS

BACK PANELS

Secure and install your components on our customizable back panels, which can be machined to be suited to any application. Panels are available in multiple materials.

- **Aluminum:** Lightweight and Cost-Effective
- **Painted Steel:** White powder coat offers corrosion resistance and clean finished look.
- **PVC:** Non-Conductive and Lightweight



3-DIMENSIONAL MOUNTING WITH GENESIS SIDE PANELS

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

Dimensions:

G2016: 6.25" x 15"

G2424: 7.88" x 21.75"





POLE MOUNTING KITS

BUILT FOR THE FIELD: *Rugged mounting kits that keep enclosures secure*



Pole mounting kits are one of the essential accessories Integra offers to complete your enclosure solution. Multiple pole mount kits are available to meet your application.



Environmental Protection

Integra's rugged Pole Mounting Kits can withstand any environment. Built with durable materials and combined with our enclosures superior protection offers a safe and secure housing for electronic components.



Corrosion Resistant

Pole mount kits are made out of corrosion-resistant galvanized steel and zinc plated steel to withstand harsh outdoor environments.



Easy Installation

Every style of kit Integra offers is easily installed in the field with just a few screws. No drilling or modifications required. All hardware is packaged with the kit.



Versatile

All of Integra's product lines can be equipped with a Pole Mounting Kit. These kits can be used on poles ranging from 2-12 inch diameter.

• Standard Kits

Featuring metal brackets or band clamps that easily slide onto DIN rails. Standard kits are available for poles 2-12 inches in diameter.



METAL BRACKETS



METAL BAND CLAMPS

• Universal Kits

Includes three sizes of brackets or clamps to fit a wide range of pole diameters when the environment is not known. Light Duty universal kits are also available.



UNIVERSAL KIT



LIGHT DUTY KIT

ONLY COMPATIBLE WITH FLANGE MOUNTED ENCLOSURES

View our full range of accessories
starting on page 91

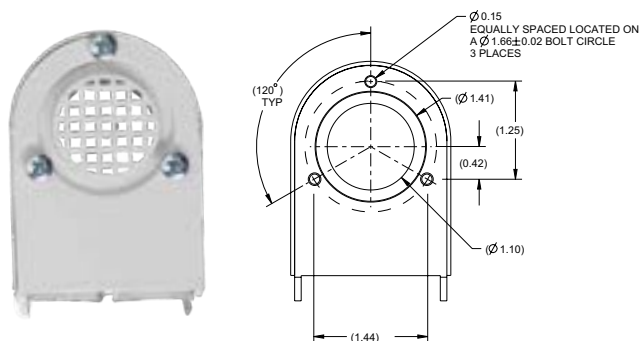


VENTS & FAN SHROUDS

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

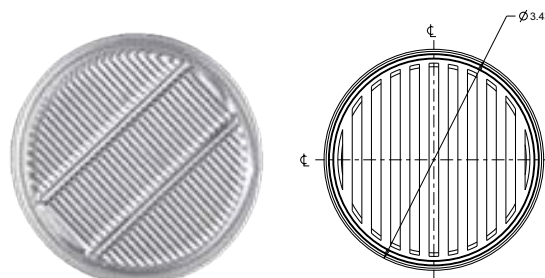
VENT-2

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



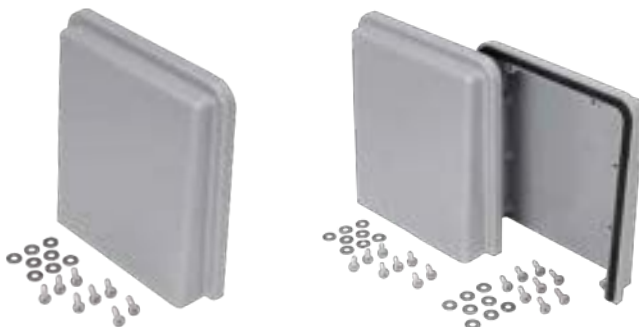
VENT-3

Part Number	Description
VENT-3	Aluminum Vent - Louvered



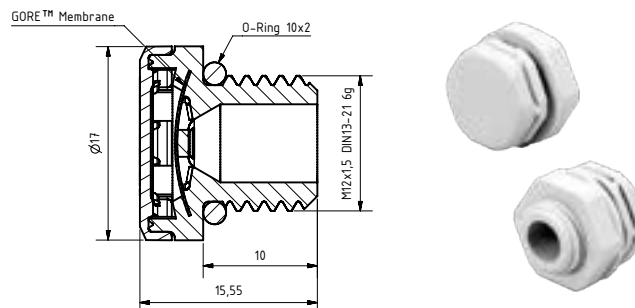
Fan Shroud Kits

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	PolyVent High Airflow Kit - Gray
VENT-POLY-BLK	PolyVent High Airflow Kit - Black





VENTS & FAN SHROUDS

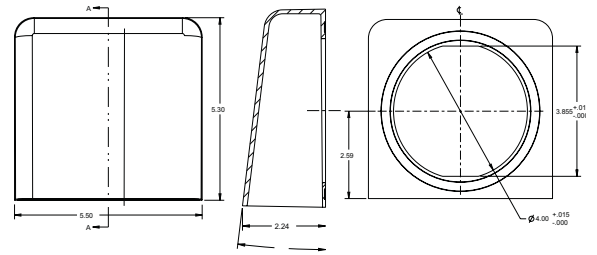
Fan Shroud Vent Filter Kits

- 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 rating



Shroud Vent Filter Kits

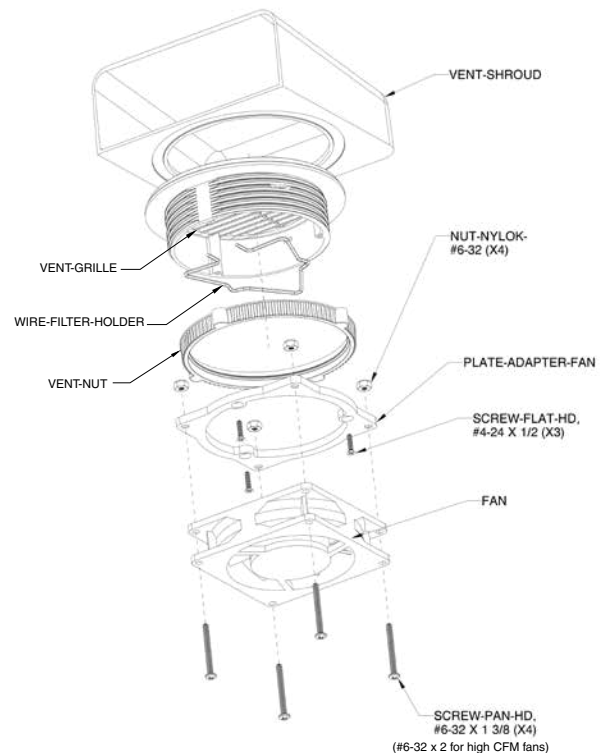
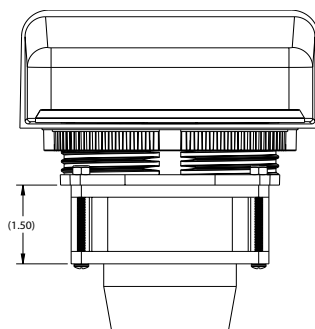
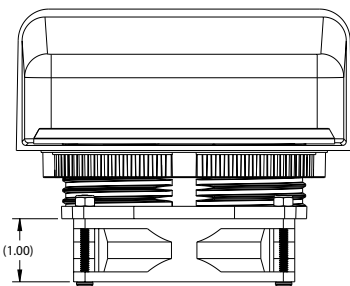
Part Number	Description
FSFK1-G	Fan Shroud Vent Filter Gray - one piece
FSFK2-G	Fan Shroud Vent Filter Kit Gray - two pieces



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

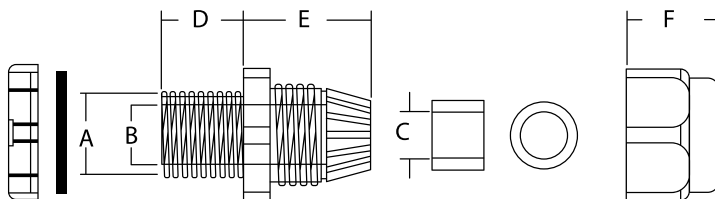


CORD GRIPS & PLUGS



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-0 | REACH certified | RoHS compliant

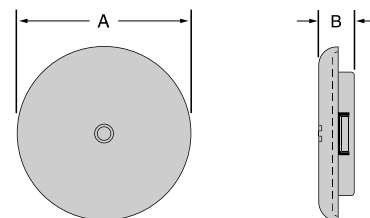


Dimensions in inches (mm)

Part Number	Mounting Hole Dimensions	A	B	C	D	E	F	Cable Diameter Range
CG-LTF7	0.50 (12.7)	.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	0.61 (15.4)	.614 (15.6)	.433 (11.0)	.346 (8.8)	.339 (8.6)	.902 (22.9)	.587 (14.9)	.157-.315 (4-8)
CG-LTF11	0.74 (18.8)	.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	0.81 (20.7)	.803 (20.4)	.614 (15.6)	.472 (12.0)	.374 (9.5)	.992 (25.2)	.697 (17.7)	.236-.472 (6-12)
CG-LTF16	0.89 (22.7)	.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	1.12 (28.5)	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	1.46 (37.2)	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	0.69 (17.5)	.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	0.85 (21.5)	.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	1.06 (27.0)	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	1.34 (34.0)	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 68 rated.



Dimensions in inches (mm)

Part Number	Thickness at Locking Finger Steps	Mouting 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)





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

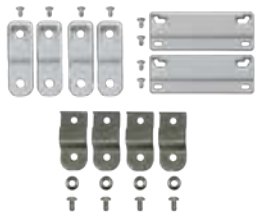
UL508A listed and NEMA 4X rated





PREMIUM ACCESSORIES

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 for 6" Wide Enclosure	2.67 x 4.87
	MFLK8	Mounting Flange Kit for 8" Wide Enclosure	2.67 x 7.15
	MFLK10	Mounting Flange Kit for 10" Wide Enclosure	2.67 x 8.90
	MFLK12	Mounting Flange Kit for 12" Wide Enclosure	3.31 x 11.05
	MFLK14	Mounting Flange Kit for 14" Wide Enclosure	2.67 x 13.15
	MFLK16	Mounting Flange Kit for 16" Wide Enclosure	2.67 x 15.31
Aluminum Panels for Component Installation (Four mounting screws included)			
	ABP-66	Aluminum Panel for 6x6 Enclosure	4.88 x 4.88
	ABP-86	Aluminum Panel for 8x6 Enclosure	6.75 x 4.88
	ABP-88	Aluminum Panel for 8x8 Enclosure	6.88 x 6.75
	ABP-108	Aluminum Panel for 10x8x4 or 10x8x6 Enclosure	8.75 x 6.88
	ABP-1082	Aluminum Panel for 10x8x2 Enclosure	8.75 x 6.80
	ABP-1210	Aluminum Panel for 12x10 Enclosure	10.75 x 8.88
	ABP-1212	Aluminum Panel for 12x12 Enclosure	10.88 x 10.88
	ABP-1412	Aluminum Panel for 14x12 Enclosure	12.75 x 10.88
	ABP-1614	Aluminum Panel for 16x14 Enclosure	14.75 x 12.88
	ABP-1816	Aluminum Panel for 18x16 Enclosure	16.75 x 14.88
Steel Panels for Component Installation - White Powder Coated (Four mounting screws included)			
	SBP-66	Steel Panel for 6x6 Enclosure	4.88 x 4.88
	SBP-86	Steel Panel for 8x6 Enclosure	6.88 x 4.88
	SBP-88	Steel Panel for 8x8 Enclosure	6.88 x 6.88
	SBP-108	Steel Panel for 10x8x4 or 10x8x6 Enclosure	8.88 x 6.88
	SBP-1082	Steel Panel for 10x8x2 Enclosure	8.75 x 6.80
	SBP-1210	Steel Panel for 12x10 Enclosure	10.88 x 8.88
	SBP-1212	Steel Panel for 12x12 Enclosure	10.88 x 10.88
	SBP-1412	Steel Panel for 14x12 Enclosure	12.88 x 10.88
	SBP-1614	Steel Panel for 16x14 Enclosure	14.88 x 12.88
	SBP-1816	Steel Panel for 18x16 Enclosure	16.88 x 14.88
PVC Panels for Component Installation - Gray (Four mounting screws included)			
	PVCBP-66	PVC Panel for 6x6 Enclosure	4.88 x 4.88
	PVCBP-86	PVC Panel for 8x6 Enclosure	6.75 x 4.88
	PVCBP-88	PVC Panel for 8x8 Enclosure	6.88 x 6.75
	PVCBP-108	PVC Panel for 10x8x4 or 10x8x6 Enclosure	8.75 x 6.88
	PVCBP-1082	PVC Panel for 10x8x2 Enclosure	8.75 x 6.80
	PVCBP-1210	PVC Panel for 12x10 Enclosure	10.75 x 8.88
	PVCBP-1212	PVC Panel for 12x12 Enclosure	10.88 x 10.88
	PVCBP-1412	PVC Panel for 14x12 Enclosure	12.75 x 10.88
	PVCBP-1614	PVC Panel for 16x14 Enclosure	14.75 x 12.88
	PVCBP-1816	PVC Panel for 18x16 Enclosure	16.75 x 14.88



PREMIUM ACCESSORIES

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
	X1212CSC-RPL	Screw Cover Clear	12 x 12
	X1212CHC-RPL	Hinged Cover Clear	12 x 12
	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
	H1212CSO-RPL	Screw Cover Opaque	12 x 12
	H1212CHO-RPL	Hinged Cover Opaque	12 x 12
	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



PREMIUM ACCESSORIES

PREMIUM SERIES ACCESSORIES (CONT.)

	Part Number	Description	Size (inches)
Swing Panel Kit Hardware Only <i>Kit includes the two hinge swing arms, four panel mount brackets and hardware for Premium enclosures</i>			
	USOPK-B	Universal Swing Panel Kit - Black	N/A
	USOPK-G	Universal Swing Panel Kit - Gray	N/A
	USOPK-G-PVC	Swing Panel Kit for PVC Back Panel - Gray	N/A
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 4.88
	ABP-88USP	Aluminum Swing Panel for 8x8 Enclosure	6.75 x 6.88
	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-1212USP	Aluminum Swing Panel 12x12 Enclosure	10.88 x 10.88
	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 4.88
	ABP-88-USOPK	Swing Panel Kit for 8x8 Enclosure	6.75 x 6.88
	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-1212-USOPK	Swing Panel Kit for 12x12 Enclosure	10.88 x 10.88
	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 4.88
	SBP-88USP	Steel Swing Panel for 8x8 Enclosure	6.75 x 6.88
	SBP-108USP	Steel Swing Panel for 10x8 Enclosure	8.75 x 6.88
	SBP-1210USP	Steel Swing Panel for 12x10 Enclosure	10.88 x 10.88
	SBP-1212USP	Steel Swing Panel for 12x12 Enclosure	12.88 x 10.88
	SBP-1412USP	Steel Swing Panel for 14x12 Enclosure	14.88 x 12.88
	SBP-1614USP	Steel Swing Panel for 16x14 Enclosure	14.88 x 12.88
	SBP-1618USP	Steel Swing Panel for 16x18 Enclosure	14.88 x 16.75
	SBP-1816USP	Steel Swing Panel for 18x16 Enclosure	16.75 x 14.88



PREMIUM ACCESSORIES

PREMIUM SERIES ACCESSORIES (CONT.)

	Part Number	Description	Size (inches)
Steel Swing Panel Kits (Includes Panel and Hardware) - White Powder Coated			
	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 4.88
	SBP-88-USOPK	Steel Swing Panel Kit for 8x8 Enclosure	6.75 x 6.88
	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-1212-USOPK	Steel Swing Panel Kit for 12x12 Enclosure	10.88 x 10.88
	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-1618-USOPK	Steel Swing Panel KIT for 16x18 Enclosure	14.88 x 16.75
	SBP-1816-USOPK	Steel Swing Panel Kit for 18x16 Enclosure	16.75 x 14.88
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 4.88
	PVC-88-USOPK	PVC Swing Panel Kit for 8x8 Enclosure	6.75 x 6.88
	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-1212-USOPK	PVC Swing Panel Kit for 12x12 Enclosures	10.88 x 10.88
	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-1618-USOPK	PVC Swing Panel KIT for 16x18 Enclosure	14.88 x 16.75
	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-Kit	Gasket Repair Kit - Gasket and Silicone Tube (All Sizes)	N/A
	NMLL-SL	Non-Metallic Latch Kit - includes 1 latch	N/A
	SSL-KIT	Stainless Steel Locking Latch Kit - includes 1 latch	N/A
	SP-10I	Screw Pack (for mounting to bosses, 10 piece)	N/A
	Cat 60 Lock	Cat 60 Lock	N/A
	GK001	Copper Wire Grounding Kit includes Grounding Terminal & Hardware	N/A

PREMIUM ACCESSORIES



PREMIUM SERIES ACCESSORIES (CONT.)

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



IMPACT ACCESSORIES

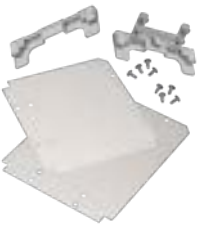
IMPACT® SERIES ACCESSORIES

	Part Number	Description	Size (inches)
Aluminum Back Panels (Four mounting screws included)			
	ABP-44-IMP	Aluminum Back Panel for Impact® 4x4 Enclosure	3.50 x 3.50
	ABP-55-IMP	Aluminum Back Panel for Impact® 5x5 Enclosure	4.06 x 4.06
	ABP-64-IMP	Aluminum Back Panel for Impact® 6x4 Enclosure	3.05 x 5.05
	ABP-66-IMP	Aluminum Back Panel for Impact® 6x6 Enclosure	4.88 x 4.88
	ABP-86-IMP	Aluminum Back Panel for Impact® 8x6 Enclosure	6.75 x 4.88
	ABP-98-IMP	Aluminum Back Panel for Impact® 9x8 Enclosure	6.75 x 6.88
	ABP-108-IMP	Aluminum Back Panel for Impact® 10x8 Enclosure	8.75 x 6.88
	ABP-1210-IMP	Aluminum Back Panel for Impact® 12x10 Enclosure	10.75 x 8.88
Steel Back Panels (Four mounting screws included)			
	SBP-44-IMP	Steel Back Panel for Impact® 4x4 Enclosure	3.50 x 3.50
	SBP-55-IMP	Steel Back Panel for Impact® 5x5 Enclosure	4.06 x 4.06
	SBP-64-IMP	Steel Back Panel for Impact® 6x4 Enclosure	3.05 x 5.05
	SBP-66-IMP	Steel Back Panel for Impact® 6x6 Enclosure	4.88 x 4.88
	SBP-86-IMP	Steel Back Panel for Impact® 8x6 Enclosure	6.75 x 4.88
	SBP-98-IMP	Steel Back Panel for Impact® 9x8 Enclosure	6.75 x 6.88
	SBP-108-IMP	Steel Back Panel for Impact® 10x8 Enclosure	8.75 x 6.88
	SBP-1210-IMP	Steel Back Panel for Impact® 12x10 Enclosure	10.75 x 8.88
PVC Back Panels (Four mounting screws included)			
	PVCBP-44-IMP	PVC Panel for Impact® 4x4 Enclosure	3.50 x 3.50
	PVCBP-55-IMP	PVC Panel for Impact® 5x5 Enclosure	4.06 x 4.06
	PVCBP-64-IMP	PVC Panel for Impact® 6x4 Enclosure	3.05 x 5.05
	PVCBP-66-IMP	PVC Panel for Impact® 6x6 Enclosure	4.88 x 4.88
	PVCBP-86-IMP	PVC Panel for Impact® 8x6 Enclosure	6.75 x 4.88
	PVCBP-98-IMP	PVC Panel for Impact® 9x8 Enclosure	6.75 x 6.88
	PVCBP-108-IMP	PVC Panel for Impact® 10x8 Enclosure	8.75 x 6.88
	PVCBP-1210-IMP	PVC Panel for Impact® 12x10 Enclosure	10.75 x 8.88
Aluminum Face Plates			
	AFP44-IMP	Aluminum Face Plate for Impact® 4x4 Enclosure	4.29 x 4.29
	AFP55-IMP	Aluminum Face Plate for Impact® 5x5 Enclosure	4.92 x 4.92
	AFP64-IMP	Aluminum Face Plate for Impact® 6x4 Enclosure	5.92 x 3.92
	AFP66-IMP	Aluminum Face Plate for Impact® 6x6 Enclosure	5.93 x 5.93
	AFP86-IMP	Aluminum Face Plate for Impact® 8x6 Enclosure	7.93 x 5.93
	AFP108-IMP	Aluminum Face Plate for Impact® 10x8 Enclosure	9.88 x 7.88
	AFP1210-IMP	Aluminum Face Plate for Impact® 12x10 Enclosure	11.88 x 9.88
Steel Face Plates - White Powder Coating			
	SFP44-IMP	Steel Powder Coated White Face Plate for Impact® 4x4 Enclosure	4.29 x 4.29
	SFP55-IMP	Steel Powder Coated White Face Plate for Impact® 5x5 Enclosure	4.92 x 4.92
	SFP64-IMP	Steel Powder Coated White Face Plate for Impact® 6x4 Enclosure	5.92 x 3.92
	SFP66-IMP	Steel Powder Coated White Face Plate for Impact® 6x6 Enclosure	5.93 x 5.93
	SFP86-IMP	Steel Powder Coated White Face Plate for Impact® 8x6 Enclosure	7.93 x 5.93
	SFP108-IMP	Steel Powder Coated White Face Plate for Impact® 10x8 Enclosure	9.88 x 7.88
	SFP1210-IMP	Steel Powder Coated White Face Plate for Impact® 12x10 Enclosure	11.88 x 9.88



IMPACT ACCESSORIES

IMPACT® SERIES ACCESSORIES (CONT.)

	Part Number	Description	Size (inches)
Panel Hardware (Panel Not Included)			
	CB43-IMP*	Support Rails and Screws for Impact® 4x4 face plate	N/A
	CB53-IMP*	Support Rails and Screws for Impact® 5x5 face plate	N/A
	CB64-IMP*	Support Rails and Screws for Impact® 6x4 face plate	N/A
	SOPK66-86-IMP	Swing Panel Hardware Kit for Impact® 6x3 and 8x6	N/A
Face Plate Kits and Parts (Includes Panel and Hardware)			
 Face Plate Kit for P4043, P5053 & P6044 Enclosures Face Plate Kit for P6063, P8063 Enclosures	AFPK44-IMP*	Aluminum Face Plate Kit for Impact® 4x4	4.29 x 4.29
	AFPK55-IMP*	Aluminum Face Plate Kit for Impact® 5x5	4.92 x 4.92
	AFPK64-IMP*	Aluminum Face Plate Kit for Impact® 6x4	5.92 x 3.92
	AFPK66-IMP	Aluminum Face Plate Kit for Impact® 6x6	5.93 x 5.93
	AFPK86-IMP	Aluminum Face Plate Kit for Impact® 8x6	7.93 x 5.93
	AFPK108-IMP	Aluminum Face Plate Kit for Impact® 10x8	9.88 x 7.88
	AFPK1210-IMP	Aluminum Face Plate Kit for Impact® 12x10	11.88 x 9.88
	SFPK44-IMP*	Steel Face Plate Kit for Impact® 4x4	4.29 x 4.29
	SFPK55-IMP*	Steel Face Plate Kit for Impact® 5x5	4.92 x 4.92
	SFPK64-IMP*	Steel Face Plate Kit for Impact® 6x4	5.92 x 3.92
	SFPK66-IMP	Steel Face Plate Kit for Impact® 6x6	5.93 x 5.93
	SFPK86-IMP	Steel Face Plate Kit for Impact® 8x6	7.93 x 5.93
	SFPK108-IMP	Steel Face Plate Kit for Impact® 10x8	9.88 x 7.88
	SFPK1210-IMP	Steel Face Plate Kit for Impact® 12x10	11.88 x 9.88
Swing Panels (Hardware Not Included)			
	ASWP66-IMP	Aluminum Swing Panel for Impact® 6x6 Enclosure	5.90 x 5.38
	ASWP86-IMP	Aluminum Swing Panel for Impact® 8x6 Enclosure	7.38 x 5.93
	ABP-108USP	Aluminum Swing Panel for Impact® 10x8 Enclosure	8.75 x 6.88
	ABP-1210USP	Aluminum Swing Panel for Impact® 12x10 Enclosure	10.88 x 8.88
	SSWP66-IMP	Steel Swing Panel for Impact® 6x6 Enclosure	5.90 x 5.38
	SSWP86-IMP	Steel Swing Panel for Impact® 8x6 Enclosures	7.38 x 5.90
	SBP-108USP	Steel Swing Panel for Impact® 10x8 Enclosure	8.75 x 6.88
	SBP-1210USP	Steel Swing Panel for Impact® 12x10 Enclosure	10.88 x 8.88
Swing Panel Kits and Parts (Includes Panel and Hardware)			
	ASWPK66-IMP	Aluminum Swing Panel Kit for Impact® 6x6 Enclosure	5.90 x 5.38
	ASWPK86-IMP	Aluminum Swing Panel Kit for Impact® 8x6 Enclosure	7.38 x 5.93
	ABP-108-USOPK	Aluminum Swing Panel Kit for Impact® 10x8 Enclosure	8.75 x 6.88
	ABP-1210-USOPK	Aluminum Swing Panel Kit for Impact® 12x10 Enclosure	10.88 x 8.88
	SSWPK66-IMP	Steel Swing Panel Kit for Impact® 6x6 Enclosure	5.90 x 5.38
	SSWPK86-IMP	Steel Swing Panel Kit for Impact® 8x6 Enclosure	7.38 x 5.90
	SBP-108-USOPK	Steel Swing Panel Kit for Impact® 10x8 Enclosure	8.75 x 6.88
	SBP-1210-USOPK	Steel Swing Panel Kit for Impact® 12x10 Enclosure	10.88 x 8.88

* Patent # 10,516,256



IMPACT ACCESSORIES

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
	P86CLPOLL-RPL	Low profile hinge Opaque Hasp latch	8 x 6
	P86CLPCLL-RPL	Low profile hinge Clear Hasp latch	8 x 6
	P98CHO-RPL	Standard hinge Opaque Integrated latch	9 x 8
	P98CHC-RPL	Standard hinge Clear Integrated latch	9 x 8

IMPACT ACCESSORIES



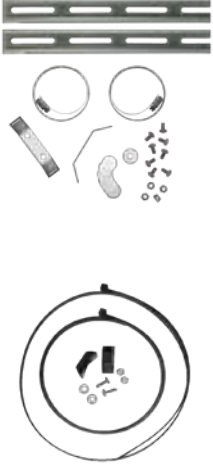
IMPACT® SERIES ACCESSORIES (CONT.)

	Part Number	Description	Size (inches)
Replacement Covers (Includes Cover with Gasket - Hasp Latches Not Included)			
	P108CHO-RPL	Standard hinge Opaque Integrated latch	10 x 8
	P108CHC-RPL	Standard hinge Clear Integrated latch	10 x 8
	P108CHOLL-RPL	Standard hinge Opaque Hasp latch	10 x 8
	P108CHCLL-RPL	Standard hinge Clear Hasp latch	10 x 8
	P108CLPO-RPL	Low profile hinge Opaque Integrated latch	10 x 8
	P108CLPC-RPL	Low profile hinge Clear Integrated latch	10 x 8
	P108CLPOLL-RPL	Low profile hinge Opaque Hasp latch	10 x 8
	P108CLPCLL-RPL	Low profile hinge Clear Hasp latch	10 x 8
	P1210CHO-RPL	Standard hinge Opaque Integrated latch	12 x 10
	P1210CHC-RPL	Standard hinge Clear Integrated latch	12 x 10
	P1210CHOLL-RPL	Standard hinge Opaque Hasp latch	12 x 10
	P1210CHCLL-RPL	Standard hinge Clear Hasp latch	12 x 10
	P1210CLPO-RPL	Low profile hinge Opaque Integrated latch	12 x 10
	P1210CLPC-RPL	Low profile hinge Clear Integrated latch	12 x 10
	P1210CLPOLL-RPL	Low profile hinge Opaque Hasp latch	12 x 10
	P1210CLPCLL-RPL	Low profile hinge Clear Hasp latch	12 x 10



IMPACT ACCESSORIES

IMPACT® SERIES ACCESSORIES (CONT.)

	Part Number	Description	Size (inches)
Pole Mounting Kits			
	PMKG-25-IMP	For 2" pole - 5" Enclosure	N/A
	PMKG-26-IMP	For 2" pole - 6" Enclosure	N/A
	PMKG-28-IMP	For 2" pole - 8" Enclosure	N/A
	PMKG-210-IMP	For 2" pole - 10" Enclosure	N/A
	PMKG-35-IMP	For 3" pole - 5" Enclosure	N/A
	PMKG-36-IMP	For 3" pole - 6" Enclosure	N/A
	PMKG-38-IMP	For 3" pole - 8" Enclosure	N/A
	PMKG-310-IMP	For 3" pole - 10" Enclosure	N/A
	PMKG-45-IMP	For 4" pole - 5" Enclosure	N/A
	PMKG-46-IMP	For 4" pole - 6" Enclosure	N/A
	PMKG-48-IMP	For 4" pole - 8" Enclosure	N/A
	PMKG-410-IMP	For 4" pole - 10" Enclosure	N/A
	PMKG-125-IMP	For 10" to 12" pole - 5" Enclosure	N/A
	PMKG-126-IMP	For 10" to 12" pole - 6" Enclosure	N/A
	PMKG-128-IMP	For 10" to 12" pole - 8" Enclosure	N/A
	PMKG-1210-IMP	For 10" to 12" pole - 10" Enclosure	N/A
	CAMKG-610-IMP	6" Cross Arm Pole Mount Kit for P9082	N/A
	PMKG-2346-IMP	2"-6" Universal Pole Mount Kit for all Impact Enclosures.	N/A
	PMKG-12-IMP	12" Pole Universal Pole Mount Kit for all Impact Enclosures.	N/A
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
	DIN10-IMP	DIN Rail Kit 10" (2 rails, 4 tapping screws)	8.75 x 1.39
	NMLL-SL	Non-Metallic Latch Kit - (except P9082) includes 1 latch	N/A
	SSLL-KIT	Stainless Steel Locking Latch Kit - (except P9082) includes 1 latch	N/A
	SP-8	Screw Pack - 10 pcs - For Impact® line P4043-P8063 bosses	N/A
	SP-10I	Screw Pack - 10 pcs - For Impact® P9082-P12104 bosses	N/A

GENESIS ACCESSORIES



GENESIS SERIES ACCESSORIES

	Part Number	Description	Size (inches)
Back Panels (Four mounting screws included)			
	ABP-2016	Aluminum back panel for 20x16 Enclosure	18.88 x 14.88
	ABP-2016-XL	Aluminum back panel for 20x16 Enclosure	19.40 x 15.40
	ABP-2016-XXL	Aluminum back panel for 20x16 Enclosure	21.09 x 17.09
	ABP-2424	Aluminum back panel for 24x24 Enclosure	21 x 21
	ABP-2424-XL	Aluminum back panel for 24x24 Enclosure	22.13 x 22.13
	ABP-2424-XXL	Aluminum back panel for 24x24 Enclosure	23.25 x 23.25
	SBP-2016	Steel back panel for 20x16 Enclosure	18.88 x 14.88
	SBP-2016-XL	Steel back panel for 20x16 Enclosure	19.40 x 15.40
	SBP-2016-XXL	Steel back panel for 20x16 Enclosure	21.09 x 17.09
	SBP-2424	Steel back panel for 24x24 Enclosure	21 x 21
	SBP-2424-XL	Steel back panel for 24x24 Enclosure	22.13 x 22.13
	SBP-2424-XXL	Steel back panel for 24x24 Enclosure	23.25 x 23.25
	PVCBP-2016	PVC back panel for 20x16 Enclosure	18.88 x 14.88
	PVCBP-2424	PVC back panel for 24x24 Enclosure	21 x 21
Side Panels			
	ASP-2016	Aluminum side panel for 20x16 Enclosure	6.25 x 15
	ASP-2424	Aluminum side panel for 24x24 Enclosure	7.88 x 21.75
	SSP-2016	Steel side panel for 20x16 Enclosure	6.25 x 15
	SSP-2424	Steel side panel for 24x24 Enclosure	7.88 x 21.75
Swing Panel Kits & Parts (Includes Panel and Hardware)			
	ABP-2016-GSOPK	Aluminum Swing Panel Kit for 20x16 Enclosure	N/A
	ABP-2424-GSOPK	Aluminum Swing Panel Kit for 24x24 Enclosure	N/A
	SBP-2016-GSOPK	Steel Swing Panel Kit for 20x16 Enclosure	N/A
	SBP-2424-GSOPK	Steel Swing Panel Kit for 24x24 Enclosure	N/A
	GSOPK20	20" Aluminum Hinge for Swing Panel for 20x16 Enclosure	N/A
	GSOPK24	24" Aluminum Hinge for Swing Panel for 24x24 Enclosure	N/A
Pole Mounting Kit			
	PMKG-216-GEN	For 2" Pole - 16" Wide Enclosure	N/A
	PMKG-224	For 2" Pole - 24" Wide Enclosure	N/A
	PMKG-316-GEN	For 3" Pole - 16" Wide Enclosure	N/A
	PMKG-324	For 3" Pole - 24" Wide Enclosure	N/A
	PMKG-416-GEN	For 4" Pole - 16" Wide Enclosure	N/A
	PMKG-424	For 4" Pole - 24" Wide Enclosure	N/A
	PMKG-1216-GEN	For 10 to 12" Pole - 16" Wide Enclosure	N/A
	PMKG-1224	For 10" to 12" Pole - 24" Wide Enclosure	N/A
	PMKG-234-16-GEN	2" , 3" or 4" Universal Pole Mount for 16" Wide Enclosures	N/A
	PMKG-234-24	2" , 3" or 4" Universal Pole Mount for 24" Wide Enclosures	N/A



GENESIS ACCESSORIES

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			
 Multi-Max Rails®	DIN16-GEN	DIN Rail Kit 16" (2 rails, 4 screws)	N/A
	DIN24	DIN Rail Kit 24" (2 rails, 4 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
 Panel Pad Kit	KIT-GPP-2016	Panel Pad Kit - (four panel brackets) for Genesis 20"x16"x08"	N/A
	KIT-GPP	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
	KIT-ACCS-G242410	Multi-Max Rails®, Stiffener Ring, Panel Pad Kit and hardware for G242410	N/A

UNIVERSAL ACCESSORIES



UNIVERSAL ACCESSORIES

Universal accessories are designed to fit a wide range of enclosure sizes across multiple product lines. For details about size and fitment of universal accessories, contact customerservice@integraenclosures.com

	Part Number	Description	Size (inches)
Universal Pole Mounting Kits			
	UPMK-26-6	Universal Pole Mount Kit - 2" - 6" Pole, 6" Rail	N/A
	UPMK-26-8	Universal Pole Mount Kit - 2" - 6" Pole, 8" Rail	N/A
	UPMK-26-10	Universal Pole Mount Kit - 2" - 6" Pole, 10" Rail	N/A
	UPMK-26-12	Universal Pole Mount Kit - 2" - 6" Pole, 12" Rail	N/A
	UPMK-26-14	Universal Pole Mount Kit - 2" - 6" Pole, 14" Rail	N/A
	UPMK-26-16	Universal Pole Mount Kit - 2" - 6" Pole, 16" Rail	N/A
	UPMK-26-24	Universal Pole Mount Kit - 2" - 6" Pole, 24" Rail	N/A
	UPMK-712-6	Universal Pole Mount Kit - 7" - 12" Pole, 6" Rail	N/A
	UPMK-712-8	Universal Pole Mount Kit - 7" - 12" Pole, 8" Rail	N/A
	UPMK-712-10	Universal Pole Mount Kit - 7" - 12" Pole, 10" Rail	N/A
	UPMK-712-12	Universal Pole Mount Kit - 7" - 12" Pole, 12" Rail	N/A
	UPMK-712-14	Universal Pole Mount Kit - 7" - 12" Pole, 14" Rail	N/A
	UPMK-712-16	Universal Pole Mount Kit - 7" - 12" Pole, 16" Rail	N/A
	UPMK-712-24	Universal Pole Mount Kit - 7" - 12" Pole, 24" Rail	N/A
Ventilation Accessories			
	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
	FS-KIT-1	Fan Shroud Kit - one piece	N/A
	FS-KIT-2	Fan Shroud Kit - two piece	N/A
	Vent 2	Outdoor Labyrinth Vent	N/A
	Vent 3	3" Aluminum Louvered Vent	N/A
	FSFK1-G	Fan Shroud Vent Filter Kit - 1 piece (includes Gasket and Screws)	N/A
	FSFK2-G	Fan Shroud Vent Filter Kit - 2 piece (Includes Gasket and Screws)	N/A
Literature Trays			
	9920237-LT	Small Integra Branded Literature Tray - Black	N/A
	9920237-BLANK-LT	Small Literature Tray - Black	N/A
	9920236-LT	Large Integra Branded Literature Tray - Black	N/A
	9920236-BLANK-LT	Large Literature Tray - Black	N/A



UNIVERSAL ACCESSORIES

UNIVERSAL ACCESSORIES (CONT.)

	Part Number	Description	Size (inches)
Cord Grips			
	CG-LTF7	For 7 mm thru-hole, IP68 Rated, Polyamide Material	N/A
	CG-LTF9	For 9 mm thru-hole, IP68 Rated, Polyamide Material	N/A
	CG-LTF11	For 11 mm thru-hole, IP68 Rated, Polyamide Material	N/A
	CG-LTF13.5	For 13.5 mm thru-hole, IP68 Rated, Polyamide Material	N/A
	CG-LTF16	For 16 mm thru-hole, IP68 Rated, Polyamide Material	N/A
	CG-LTF21	For 21 mm thru-hole, IP68 Rated, Polyamide Material	N/A
	CG-LTF29	For 29 mm thru-hole, IP68 Rated, Polyamide Material	N/A
	CG-NPT-038	For 0.375" thru-hole, IP68 Rated, Polyamide Material	N/A
	CG-NPT-050	For 0.50" thru-hole, IP68 Rated, Polyamide Material	N/A
	CG-NPT-075	For 0.75" thru-hole, IP68 Rated, Polyamide Material	N/A
	CG-NPT-100	For 1.00" thru-hole, IP68 Rated, Polyamide Material	N/A
Hole Plugs			
	HOLE PLUG-050	For 0.50" Mounting Hole Diameter, IP68 Rated, Nylon Material	N/A
	HOLE PLUG-063	For 0.625" Mounting Hole Diameter, IP68 Rated, Nylon Material	N/A
	HOLE PLUG-075	For 0.75" Mounting Hole Diameter, IP68 Rated, Nylon Material	N/A
	HOLE PLUG-088	For 0.875" Mounting Hole Diameter, IP68 Rated, Nylon Material	N/A
	HOLE PLUG-100	For 1.00" Mounting Hole Diameter, IP68 Rated, Nylon Material	N/A
Gore Vents			
	VENT-POLY-GRY	PolyVent High Airflow Kit - Includes backing nut - Gray	N/A
	VENT-POLY-BLK	PolyVent High Airflow Kit - Includes backing nut - Black	N/A

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 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 fan 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, and PVC.

8) Q: If I use DIN-rail mounted components, will I need a back panel?

A: Probably not. All Integra enclosures feature molded-in mounting bosses 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: Exact Torque Specs can be found on each product page. In general,

Mounting Feet/Flange - 32 in-lbs.

Back Panel - Premium Series 10-15 in-lbs. - Impact Series 8-10 in-lbs. - Genesis Series 10-32 in-lbs.

Enclosure Cover - 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 Integra's standard configuration for stainless steel enclosures?

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 slotted quarter-turn latch, removable 316 stainless steel pin hinge (Pinge™), panel standoffs and grounding studs.

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

A: Yes, all Integra stainless steel enclosures are NEMA 4X rated. Aluminum and carbon steel enclosures require powder coating to be NEMA 4X rated.

3) Q: What finishes are available for metal enclosures?

A: Stainless steel enclosures are finished with #4 grade finish. Aluminum enclosures have a mill finish unless powder coated. Powder coating is available in a wide range of RAL numbers. 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 done in house, and include but are not limited to: custom sizing, custom machining, custom back panels, multiple mounting options, latching options and hinging options. Call us to discuss your unique requirements.

6) Q: Are back panels available from Integra?

A: Yes, we offer back panels in stainless steel, painted carbon steel, aluminum, and galvanized steel. We also offer custom machining on all 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 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.



STAINLESS STEEL FAQ's

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 material being used. Depending on the size of your enclosure, the gauge varies. If you require a specific material thickness, please inform us at the beginning of the quoting process.

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 metal enclosures up to 90 inches 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 with your specifications and our engineering team will create a drawing for you to approve prior to production.

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
Perchloroethylene	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



NEMA ENCLOSURE RATINGS																
		INDOOR USE					OUTDOOR USE									
		Type 1	Type 2	Type 5	TypeS 12/12K	Type 13	Type 3	Type 3S	Type 3X	Type 3SX	Type 3R	Type 3RX	Type 4	Type 4X	Type 6	Type 6P
SOLIDS	INCIDENTAL CONTACT	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●
	FALLING DIRT	●	●		●	●	●	●	●	●	●	●	●	●	●	●
	CIRCULATING DUST				●	●						●	●	●	●	
	SETTLING AIRBORNE DUST			●	●	●						●	●	●	●	
	WINDBLOWN DUST						●	●	●	●			●	●	●	●
LIQUIDS	LIGHT SPLASH		●	●	●	●	●	●	●	●	●	●	●	●	●	●
	HOSEDOWN & SPLASH											●	●	●	●	
	TEMPORARY SUBMERSION													●	●	
	PROLONGED SUBMERSION														●	
	RAIN, SNOW & SLEET						●	●	●	●	●	●	●	●	●	
	ICE LADEN							●		●						
CHEMICALS	OIL & COOLANT SEEPAGE				●	●										
	OIL & COOLANT SPLASH					●										
	CORROSION								●	●		●		●		●
Comparable IP Rating		IP 20	IP 22	IP 53	IP54		IP 55			IP 24		IP 66		IP 67	IP 68	

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. Below is a brief description of the environmental protections of each rating.

- TYPE 1 -** Intended for indoor use primarily to provide a degree of protection against limited amounts of falling 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 3SX -** Intended for use primarily to provide a degree of protection against corrosion 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 6/6P -** 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. Integra 6P enclosures are tested for up to 6ft of water for up to 24 hours.
- 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.



TERMS & CONDITIONS

The Terms and Conditions contained herein are the exclusive terms and conditions for the sale of Products (the "Products") from MUM Industries, Inc., doing business as The EMF Company®, Integra Enclosures®, and Strongbox® (collectively "MUM") to you, its Customer. Customer agrees that the terms and conditions stated herein and, to the extent not stated herein but contained on any MUM invoice, constitute the final, complete, exclusive expression of the agreement between MUM and Customer. In the event that any Customer form, purchase order, or any other document submitted by Customer contains terms and conditions in addition to or different from the terms and conditions herein or from any MUM invoice, Customer agrees, by so submitting its purchase order or order form, by receiving an order acknowledgment or by accepting Products produced by MUM, that such new or additional terms are rejected and that the language of the MUM terms and conditions control. Any and all new or additional terms contained on any Customer document (whether provided to MUM prior or subsequent to the delivery of these Terms and Conditions) are hereby expressly and completely rejected. Acceptance of Customer's order for Products from MUM is expressly limited to these terms and conditions.

1. Orders become effective only when accepted and approved by MUM. MUM'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 MUM to the Customer, and MUM agrees to furnish the Products 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 MUM and shall not be binding on MUM and shall not be considered applicable to the sale or shipment of the Products 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 MUM's credit department. Invoices shall be rendered when the Products are shipped. Terms of payment are net 30 days unless otherwise agreed by MUM. Any sums not paid within the specified net terms are subject to a service charge of 1.5% per month. No discount will be allowed to any Customer having an overdue balance. Any discounts previously granted to any Customer who fails to pay any MUM invoice when due will be immediately forfeited and lost. Any discount forfeited or lost due to untimely payment of any invoice will be billed to Customer, which shall be immediately due and payable. Customer will pay all costs, collection agency commissions, expenses and all reasonable attorney fees incurred in the collection of any past-due sums. By submitting an order or taking receipt of MUM Products, Customer consents to the exclusive jurisdiction of the state and federal courts located in the State of Ohio. Customer shall be deemed to have accepted the Products shipped by MUM within ten (10) days after delivery to Customer. After acceptance, Customer shall not be entitled to reject the Products that are not in accordance with these terms and conditions. MUM reserves the right to refrain from performing any work on any of Customer's orders should any of Customer's account(s) or jobs with MUM be or become past due. Payments shall be made to MUM Industries, P. O. Box 1870, Mentor, OH 44061-1870, or at such other address listed on the MUM invoice.
 4. Products are sold FOB MUM's facility and title shall pass upon delivery to the carrier. MUM is not responsible for any loss or damage incurred in transit and any claim must be made by the Customer. MUM shall assist in the filing of any claim, at Customer's request.
 5. Customer must inspect all shipments within 48 hours of receipt. Damage caused by or during transport or delivery must be reported to the freight carrier listed on the bill of lading. Discrepancies in Product quantities must be reported to MUM office within 72 hours from receipt.
 6. Shipment dates are given based on current inventories and production plans. However, MUM shall not be responsible for any partial or total failure to deliver or for any delay incurred or caused by accidents, delays in transportation, fires, explosions, floods, earthquakes, or other acts of nature, riots, strikes, or other causes beyond MUM's reasonable control.
 7. Orders for non-standard Products, such as modified Products or Products produced to Customer's specifications, are not cancelable and not returnable without Integra's prior consent. Should cancellation consent be given, MUM reserves the right to recover all direct costs incurred as a result of such cancellation. Further, no returns are accepted on electrical components or assemblies containing electrical components such as transition boxes, meter and power pedestals.
 8. Eligible Products may be returned at Customer's request only upon the approval of MUM. Products must be in re-sellable condition and in their original packaging. No cash refunds will be provided for returned Products. MUM will issue a credit memorandum for any authorized Products return. Said credit memorandum will have no cash value and shall expire one (1) year after issuance. Authorized Returns not accompanied by a new order of greater or equal value shall be subject to a restocking fee of 25% of the original sale price. Products authorized for return must be protected thoroughly, and, if applicable, multiple Product units or items must be separated with cardboard and Product units must be upright and secured on pallets. Products must be returned to the MUM facility, along with a copy of the return authorization, within 30 days of issuance of the return authorization. Returned Products must be free of damage and must be in a condition for immediate resale in a "new" condition. Final credit will be given upon return to factory and inspection. Returned Products that are damaged will not be accepted by MUM for credit and will be returned to Customer at Customer's shipping and freight cost.
 7. MUM warrants to Customer that the Products manufactured by MUM and sold to Customer will be free from defects in material and workmanship for the following periods of time: Polycarbonate - One (1) year; Stainless Steel - Ten (10) years; Mild Steel - One (1) year; Cold Rolled Steel - One (1) year; and Aluminum - Five (5) years. These dates are from the date of shipment from the MUM facility. This warranty is subject to receipt of written notification by Customer to MUM within the warranty period. Any determination as to whether Products are defective shall be in MUM's sole and exclusive discretion. Any warranty claim is further subject to Customer's return of defective Products to a destination specified by MUM. Under no circumstances will credit be allowed for unauthorized return of any Products. MUM cannot and does not assume liability for defective Product components, or damage caused by defective Product components, not manufactured or supplied by it, even though such components be incorporated into or used in conjunction with MUM Products. MUM reserves the right to redesign, alter, or modify its Products without notice and without incurring any liability from Customer or any claim that such change makes any parts, components, or Products obsolete.
- NO EMPLOYEE, REPRESENTATIVE OR DISTRIBUTOR IS AUTHORIZED TO CHANGE THE FOREGOING WARRANTIES IN ANY WAY OR GRANT ANY OTHER WARRANTY ON BEHALF OF MUM. THE FOREGOING WARRANTIES ARE IN LIEU OF ALL OTHER WARRANTIES (INCLUDING WARRANTY OF MERCHANTABILITY AND FITNESS FOR PARTICULAR PURPOSE) AND NO REPRESENTATIONS, GUARANTEES, OR WARRANTIES, EXPRESS OR IMPLIED, ARE MADE BY MUM IN CONNECTION WITH MANUFACTURE OR SALE OF ITS PRODUCTS. THE LIABILITY OF MUM, WHETHER IN CONTRACT, TORT, UNDER ANY WARRANTY, OR OTHERWISE, SHALL NOT EXTEND BEYOND ITS OBLIGATION TO REPAIR OR REPLACE, AT ITS OPTION, ANY PRODUCT OR PART FOUND BY MUM TO BE DEFECTIVE IN MATERIAL OR WORKMANSHIP. MUM SHALL NOT BE LIABLE FOR THE COST OF REMOVAL OR INSTALLATION AND/OR SHALL NOT BE RESPONSIBLE FOR ANY DIRECT, INDIRECT, SPECIAL, OR CONSEQUENTIAL DAMAGES OF ANY NATURE.
- Whether based on any Warranty claim or otherwise, MUM will not, in ANY event, be liable for any loss of profit, interruption of business, or any other special, consequential, or incidental damages suffered or sustained by Customer. MUM's total maximum liability to Customer in respect of the manufacture and sale of Products is limited to the Warranty stated herein, and if any claim by Customer is based on a theory other than the Warranties, then the damages are limited to the total monies received by MUM from the Customer for the particular Products described in Customer's order. The total maximum liability for scheduled orders that are drawn down against each month will be the monthly total of the affected order or the total value of the items affected, whichever is the lesser.
8. Any assistance, suggestions, or technical advice given to the Customer by MUM or any agent thereof concerning dimensions, specifications, handling, installation, testing, storage, use, or placement in service of any Products is an accommodation for which MUM shall have no liability unless such liability expressly assumed by MUM in writing and signed by an officer of MUM.
 9. No employee, agent, or representative of MUM has the authority or power to add, waive, or amend these terms and conditions unless first authorized in writing by an officer of MUM. Any transaction with Customer shall be construed under the laws of the State of Ohio. Waiver of MUM of any breach shall not thereafter be deemed a waiver of a subsequent breach of the same of any other provision hereof.



INTEGRA
ENCLOSURES

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