



INTEGRA

ENCLOSURES

POLYCARBONATE & NON-METALLIC ENCLOSURES

JOIN THE
REVOLUTION
LEADING
THE WAY FOR OVER
10 YEARS



PRODUCT CATALOG

PREMIUM LINE

IMPACT LINE

CUSTOM PRODUCTS

INTEGRA GIVES YOU AN EDGE IN PROTECTION



INTEGRA
ENCLOSURES

POLYCARBONATE FEATURES & BENEFITS

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



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

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

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

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

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



POLYCARBONATE, THE BETTER TECHNOLOGY.



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

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



POLYCARBONATE APPLICATIONS

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

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

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THE UNSURPASSED ADVANTAGES OF POLYCARBONATE ENCLOSURES



UV Protection

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

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

Outdoor UV exposure ratings for both the Premium and Impact lines are F1. See Engineering Properties on page 25 for more details.



Impact Resistance

The engineered thermoplastic enclosure has dramatically

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



Ease Of Modification

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

THE INTEGRA STORY



INTEGRA
ENCLOSURES

Why Integra

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

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



Manufactured, Assembled and stocked in Mentor, OH, USA

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

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

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



THE MOST WELL THOUGHT OUT ENCLOSURE AVAILABLE

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

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

FACTORY MODIFICATIONS.

OUR PRODUCT, THE WAY YOU LIKE IT.



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

Integra website.

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

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



STANDARD PRODUCTS



MODIFIED PRODUCTS



SPECIAL PRODUCTS

Minimum quantity may apply



CUSTOM PRODUCTS













Minimum quantity may apply



INTEGRA
ENCLOSURES



POLYCARBONATE & FIBERGLASS, WHICH IS BETTER?

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

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

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



INTEGRA STANDARD PRODUCTS OFFERING

PREMIUM LINE

- Integra's traditional high impact polycarbonate enclosure offering including eleven sizes from 6x6x4 through 18x16x10
- Light grey in color with high gloss finish
- Available in four configurations including screw cover, hinged w/two screws, hinged w/four screws and hinged with locking latch
- All sizes and configurations are available in clear or opaque lid
- All sizes and configurations include enclosure foot mount or flange mount system
- Features Integra's unique T-Rail mounting system (brackets are option) for face plates, swing panels, layering back panels and/or infinitely variable back panel height
- Brass inserts for securing mounting feet or flange, optional back panel and lid
- UL/C-UL-50 listed Nema 2,3,3R,3S, 4, 4X, 5,12,13 and "ST" series and "HT-P" series are Nema 6/6P, marine use rated

IMPACT LINE

- Integra's more recent high impact polycarbonate enclosure offering including four sizes
- Light grey in color with high gloss finish
- Available in two hinge styles standard or low profile (6043 and 9082 standard only)
- Available in two latch styles, integrated or stainless steel locking latch (6043 and 9082 integrated only)
- Available sizes and styles available in clear or opaque lid (6043 opaque only)
- Integrated mounting flanges
- Advanced interior mounting system for circuit boards, face plates, swing panels, etc. (except 6043)
- Self-tapping screws and molded-in bosses to secure optional back panel (except 6043)
- UL/C-UL-50 listed Nema 2,3,3R,3S, 4, 4X,5,6/6P,12,13 rated (locking latch not 6/6P rated)

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



PREMIUM LINE OVERVIEW

■ 900 inlb Impact Resistance

Polycarbonate is known for it's high impact resistance and that is why we chose to use it as the material for our Premium Line Enclosures

■ Huge Operating Temperature Range

Polycarbonate is stable and holds it's tensile strength better than other non metallic materials over a temperature range from -40 deg F to 265 deg F.

■ Crystal Clear Covers

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

■ EZ Hinge

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

■ Unique T-Rail Panel Suspension System

The optional brackets that attach to the T-Rails allow our customers to mount an individual mounting panel at any height in the enclosure or to even have multiple back panels at different heights. Who says you can't put more into an Integra enclosure?

■ Molded in Mounting Bosses

All of the Premium line enclosures have extra mounting bosses molded into the rear wall to permit #10 self tapping screws to secure din rail, circuit board, or any other device or component into the enclosure.

■ Stainless Steel Latch Securely Attached

The "HL" Premium enclosures include stainless steel latches that are bolted in place for a more secure system than pop rivets or slide on latches

■ Modifications

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

■ Customization

Custom colors, custom back panels, silk screening, sub assembly of your product, or any other tailoring of our product to your need is our job. (Minimums may apply)

■ Packaging

Standard packaging is one unit per carton, packed to ensure safe delivery to your location. Or, if you have any special requirements for shipping, call us and we can work to meet your requirements.



Clear Cover



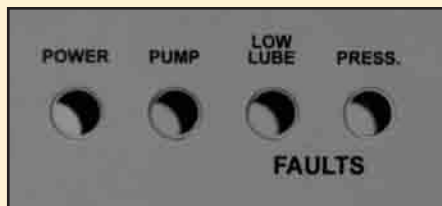
EZ Hinge



Swing Out Panel



DIN Rails



Customization



Panel Suspension





IMPACT LINE OVERVIEW

■ 900 inlb Impact Resistance

Polycarbonate is known for its high impact resistance and that is why we chose to use it as the material for our Impact Line Enclosures

■ Huge Operating Temperature Range

Polycarbonate is stable and holds its tensile strength better than other non metallic materials over a temperature range from -40 deg F to 265 deg F.

■ Crystal Clear Covers

Clear covers are a superior alternative to mechanically affixed window kits. (No clear cover for P6043)

■ EZ Hinge or Low Profile Hinge

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

■ Integrated Flanges

All Impact series enclosures eliminate the need to affix the mounting feet or flange to the enclosure. The mounting flanges are simply molded in to the enclosure.

■ Integrated Latch

The integrated latch provides for a very clean look and easy opening of the enclosure. This latch is available on all Impact enclosures, but a stainless steel latch is also available on most sizes. (Not available on P6043 and 9x8x2)

■ Advanced Face Plate System

Two brackets, four screws and a face plate and that is all that is needed to quickly and cleanly install the face plate system. (6x6x3 and 8x6x3 only)

■ Advanced Swing Panel System

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

■ Molded in Mounting Bosses

All of the Impact line enclosures have extra mounting bosses molded into the rear wall to permit #8 (for 6x6x3 and 8x6x3) and #10 (for 9x8x2) self tapping screws to secure din rail, circuit board, or any other device or component into the enclosure.

■ Stainless Steel Latch Securely Attached

The "LL" suffixed Impact enclosures include stainless steel latches that are bolted in place for a more secure system than pop rivets or slide on latches

■ Modifications

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

■ Customization

Custom colors, custom back panels, silk screening, sub-assembly of your product, or any other tailoring of our product to your need is our job. (Minimums may apply)

■ Packaging

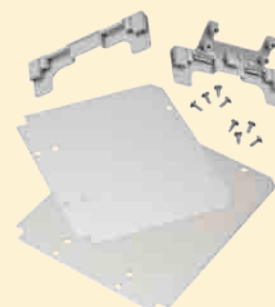
Standard packaging is one unit per carton, packed to ensure safe delivery to your location. If you have any special requirements for shipping, call us and we can work to meet your requirements.



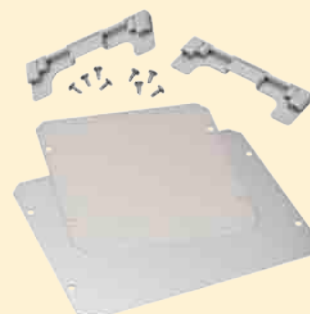
EZ or Low Profile Hinges



Clear Cover. Stainless Steel & Integrated Locking Latch



Also available, swing Out Panel & Face Plate Kits





PREMIUM POLYCARBONATE ENCLOSURE

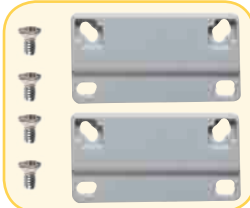
Features and Benefits

- 16 Standard configurations including hinged or non-hinged lids in 2-screw, 4-screw, or stainless steel metal latched lids.
- Standard color – light gray with a gloss finish.
- Best material – bases, opaque covers and clear covers are all made of high-impact, UV resistant polycarbonate.
- Easy ordering – one part number includes base, lid, mounting feet or flanges and all lid fastening hardware (mounting panels sold separately).
- Flexible interior mounting – features the unique and patented Integra adjustable depth “T-Rail” back panel mounting system (back panel and adjustable brackets sold separately).
- Features multiple bosses for easy installation of devices and DIN rails.
- UL-50 / c-UL Listed (files # E229365, # E207562)

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



Comes with feet or flanges.



Atex pending, contact factory for details

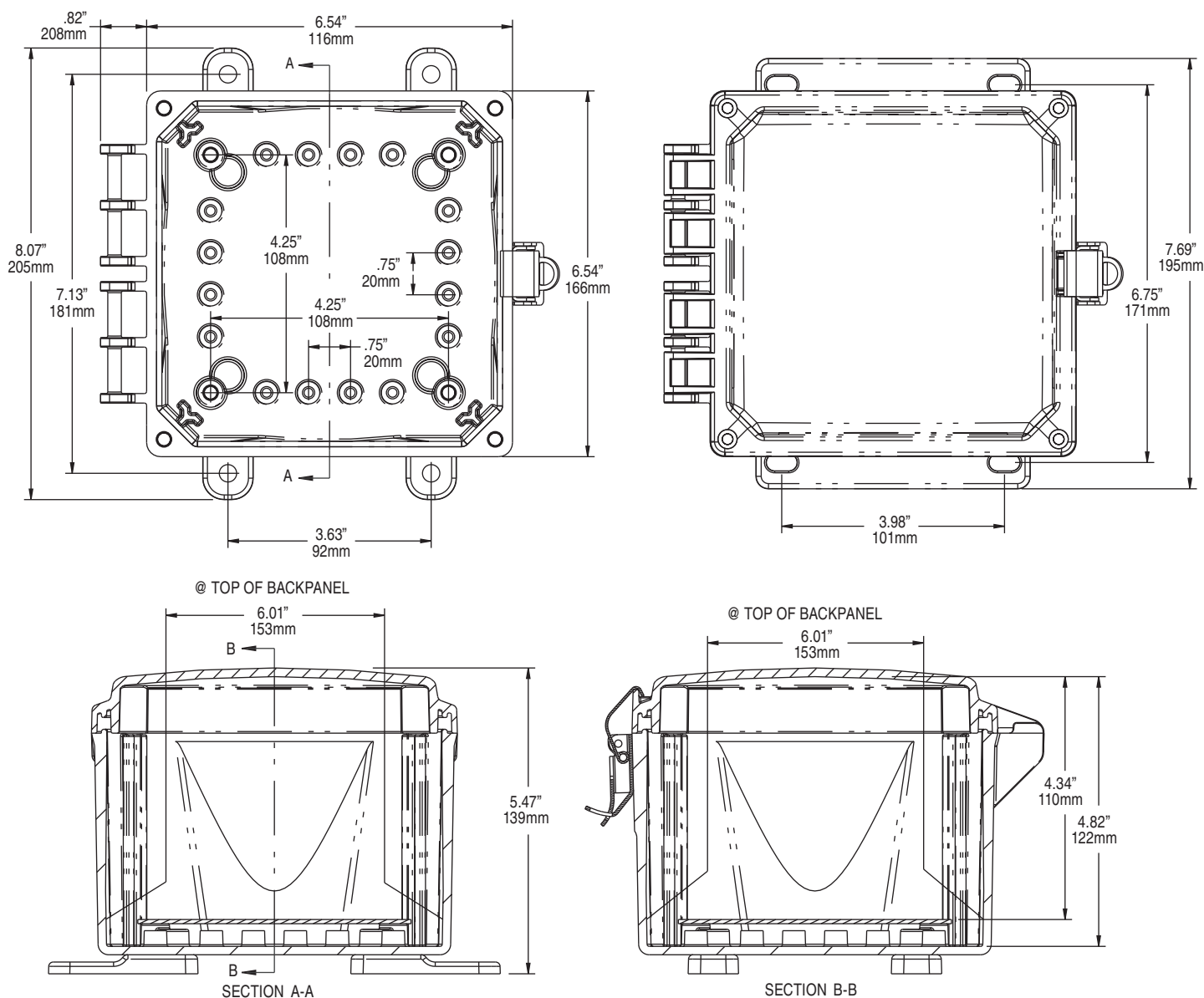
Mechanical and Thermal	Test Spec.	Unit	Premium Line
Instrumented Dart Impact @ 73° F		in/lb.	565
Falling Ball Impact @ 73° F	UL-746	in/lb.	900
Deflection Temperature @ 264 psi	ASTM D648	Deg. F	270
Modulus of Elasticity	ASTM D790	ksi	340
Temperature Range		Deg. F	-40 to 265
Flammable / UV Ratings	Test Spec.	Unit	Premium Line
Flame Rating - UL	UL 94	-	V2
Outdoor UV Exposure	UL	-	F1

6064 P/N	4X IP66	6P IP68	Hinged Cover	Screw Cover	Opaque Cover	Clear Cover	Mounting Feet	Mounting Flange	Stainless Steel Locking Latch	T-Rail System
H6064S	✓	✓		✓	✓		✓			✓
H6064SC	✓	✓		✓		✓	✓			✓
H6064SF	✓	✓		✓	✓			✓		✓
H6064SCF	✓	✓		✓		✓		✓		✓
H6064H	✓		✓	✓	✓		✓			✓
H6064HC	✓		✓	✓		✓	✓			✓
H6064HF	✓		✓	✓	✓			✓		✓
H6064HCF	✓		✓	✓		✓		✓		✓
H6064HLL	✓		✓		✓		✓		✓	✓
H6064HCLL	✓		✓			✓	✓		✓	✓
H6064HFLL	✓		✓		✓			✓	✓	✓
H6064HCFL	✓		✓			✓		✓	✓	✓
H6064H-6P	✓	✓	✓	✓	✓		✓			✓
H6064HC-6P	✓	✓	✓	✓		✓	✓			✓
H6064HF-6P	✓	✓	✓	✓	✓			✓		✓
H6064HCF-6P	✓	✓	✓	✓		✓		✓		✓

TORQUE SPECIFICATIONS - Mounting Brackets - 1/4"-20 x 0.25 SS, countersunk phillips drive screws (torque limit = 20 in. lbs.) | Covers / Doors - Torque for corner screws is 5 in. lbs.



6X6X4 PREMIUM LINE



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

Accessories for 6x6x4 (For complete accessories, see page 39-42)



Back Panels

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



Swing Out Panels

ABP-66SP/SOPK - Complete panel kit
ABP-66SP - Aluminum swing out panels only
SOPK - Hardware only



Back Panel Adjustment Kit

BPAKG - Grey
BPAKB - Black



Air Vents

VENT 1 - Aluminum louvered
VENT 2 - Outdoor labyrinth



Lock

CAT 60
CAT 90



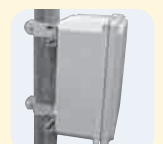
Mounting Screws

SP-10 - Self-tapping screws for bosses



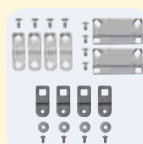
Din Rail

DIN 6 - 2 rails, 4 screws



Pole Mounting Kit

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



Mounting Feet & Flange Kits

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

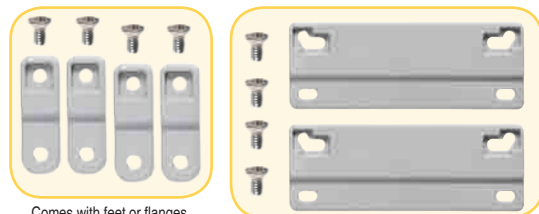


PREMIUM POLYCARBONATE ENCLOSURE

Features and Benefits

- 16 Standard configurations including hinged or non-hinged lids in 2-screw, 4-screw, or stainless steel metal latched lids.
- Standard color – light gray with a gloss finish.
- Best material – bases, opaque covers and clear covers are all made of high-impact, UV resistant polycarbonate.
- Easy ordering – one part number includes base, lid, mounting feet or flanges and all lid fastening hardware (mounting panels sold separately).
- Flexible interior mounting – features the unique and patented Integra adjustable depth “T-Rail” back panel mounting system (back panel and adjustable brackets sold separately).
- Features multiple bosses for easy installation of devices and DIN rails.
- UL-50 / c-UL Listed (files # E229365, # E207562)

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Mechanical and Thermal	Test Spec.	Unit	Premium Line
Instrumented Dart Impact @ 73° F		in/lb.	565
Falling Ball Impact @ 73° F	UL-746	in/lb.	900
Deflection Temperature @ 264 psi	ASTM D648	Deg. F	270
Modulus of Elasticity	ASTM D790	ksi	340
Temperature Range		Deg. F	-40 to 265
Flammable / UV Ratings	Test Spec.	Unit	Premium Line
Flame Rating - UL	UL 94	-	V2
Outdoor UV Exposure	UL	-	F1



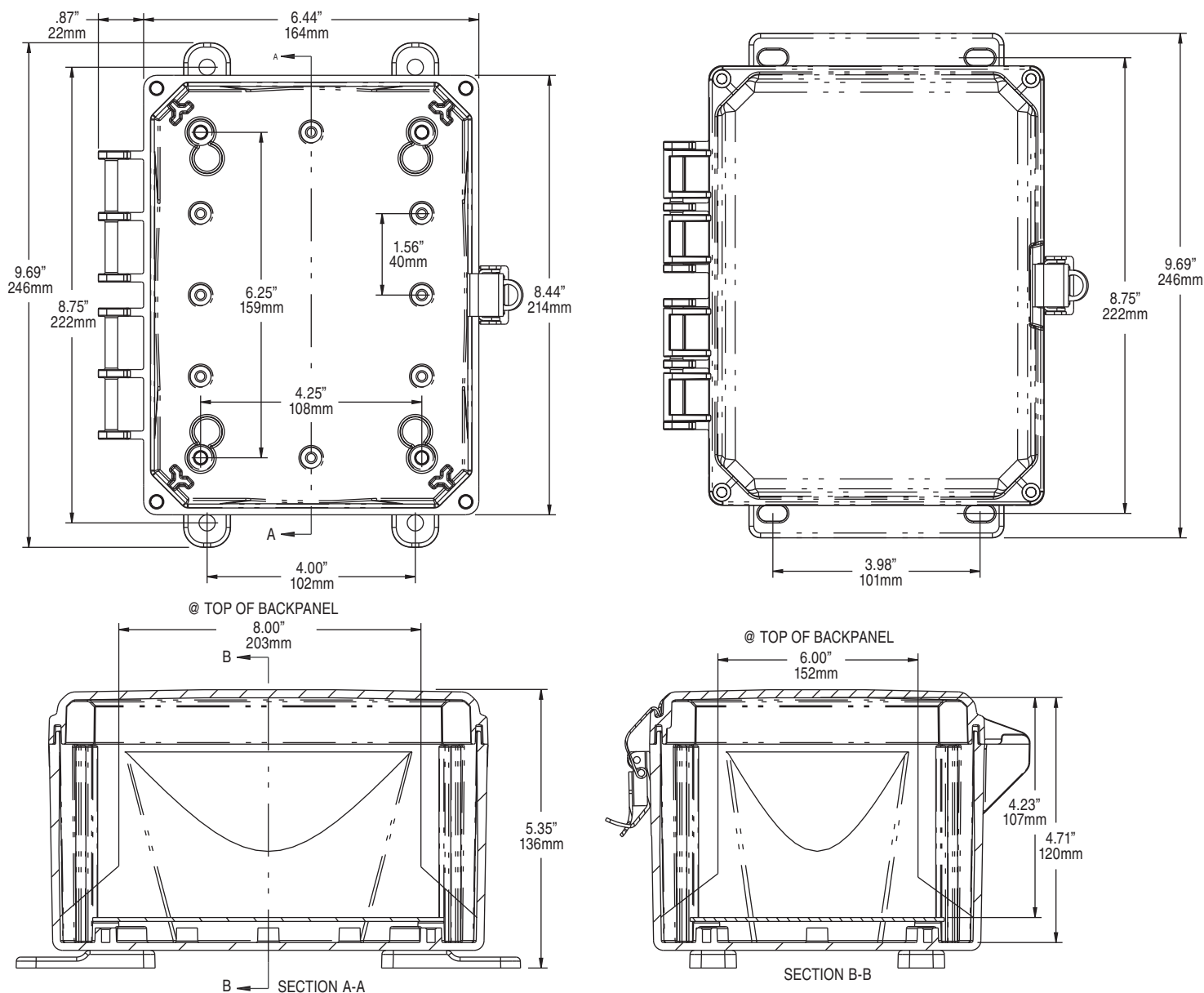
Atex pending, contact factory for details

8064 P/N	4X IP66	6P IP68	Hinged Cover	Screw Cover	Opaque Cover	Clear Cover	Mounting Feet	Mounting Flange	Stainless Steel Locking Latch	T-Rail System
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H8064SC	✓	✓		✓		✓	✓			✓
H8064SF	✓	✓		✓	✓			✓		✓
H8064SCF	✓	✓		✓		✓		✓		✓
H8064H	✓		✓	✓	✓		✓			✓
H8064HC	✓		✓	✓		✓	✓			✓
H8064HF	✓		✓	✓	✓			✓		✓
H8064HCF	✓		✓	✓		✓		✓		✓
H8064HLL	✓		✓		✓		✓		✓	✓
H8064HCLL	✓		✓			✓	✓		✓	✓
H8064HFLL	✓		✓		✓			✓	✓	✓
H8064HCFL	✓		✓			✓		✓	✓	✓
H8064H-6P	✓	✓	✓	✓	✓		✓			✓
H8064HC-6P	✓	✓	✓	✓		✓	✓			✓
H8064HF-6P	✓	✓	✓	✓	✓			✓		✓
H8064HCF-6P	✓	✓	✓	✓		✓		✓		✓

TORQUE SPECIFICATIONS - Mounting Brackets - 1/4"-20 x 0.25 SS, countersunk phillips drive screws (torque limit = 20 in. lbs.) | Covers / Doors - Torque for corner screws is 5 in. lbs.



8X6X4 PREMIUM LINE



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

Accessories for 8x6x4 (For complete accessories, see page 39-42)



Back Panels

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



Swing Out Panels

ABP-86SP/SOPK - Complete panel kit
ABP-86SP - Aluminum swing out panels only
SOPK - Hardware only



Back Panel Adjustment Kit

BPAKG - Grey
BPAKB - Black



Air Vents

VENT 1 - Aluminum louvered
VENT 2 - Outdoor labyrinth



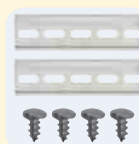
Lock

CAT 60
CAT 90



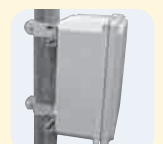
Mounting Screws

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



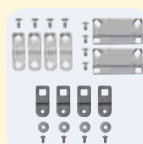
Din Rail

DIN 6 - 2 rails, 4 screws



Pole Mounting Kit

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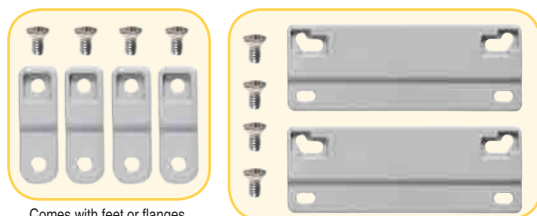


PREMIUM POLYCARBONATE ENCLOSURE

Features and Benefits

- 16 Standard configurations including hinged or non-hinged lids in 2-screw, 4-screw, or stainless steel metal latched lids.
- Standard color – light gray with a gloss finish.
- Best material – bases, opaque covers and clear covers are all made of high-impact, UV resistant polycarbonate.
- Easy ordering – one part number includes base, lid, mounting feet or flanges and all lid fastening hardware (mounting panels sold separately).
- Flexible interior mounting – features the unique and patented Integra adjustable depth “T-Rail” back panel mounting system (back panel and adjustable brackets sold separately).
- Features multiple bosses for easy installation of devices and DIN rails.
- UL-50 / c-UL Listed (files # E229365, # E207562)

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



Atex pending, contact factory for details

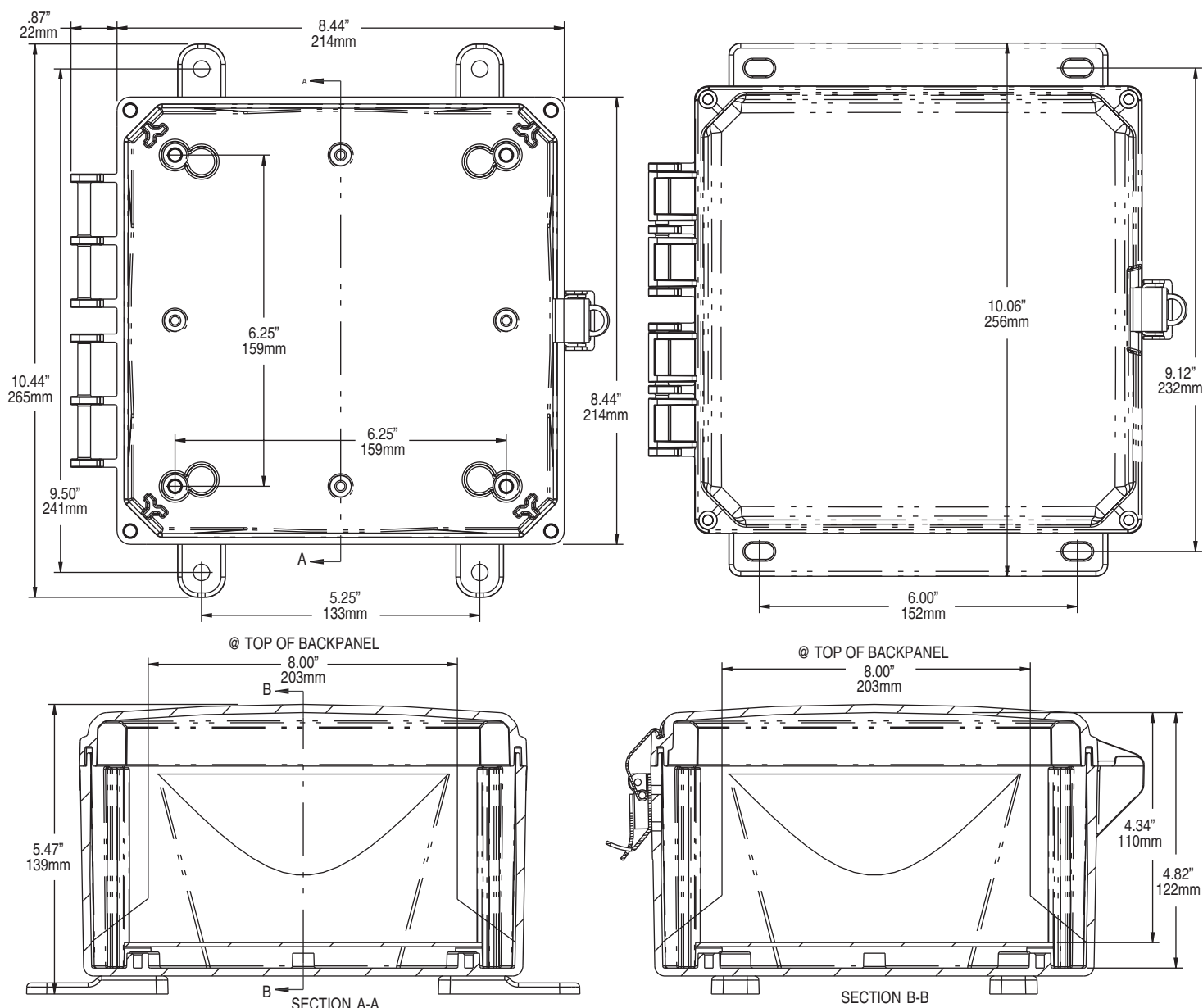
Mechanical and Thermal	Test Spec.	Unit	Premium Line
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Falling Ball Impact @ 73° F	UL-746	in/lb.	900
Deflection Temperature @ 264 psi	ASTM D648	Deg. F	270
Modulus of Elasticity	ASTM D790	ksi	340
Temperature Range		Deg. F	-40 to 265
Flammable / UV Ratings	Test Spec.	Unit	Premium Line
Flame Rating - UL	UL 94	-	V2
Outdoor UV Exposure	UL	-	F1

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

TORQUE SPECIFICATIONS - Mounting Brackets - 1/4"-20 x 0.25 SS, countersunk phillips drive screws (torque limit = 20 in. lbs.) | Covers / Doors - Torque for corner screws is 5 in. lbs.



8X8X4 PREMIUM LINE



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Accessories for 8x8x4 (For complete accessories, see page 39-42)



Back Panels

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



Swing Out Panels

ABP-88SP/SOPK - Complete panel kit
ABP-88SP - Aluminum swing out panels only
SOPK - Hardware only



Back Panel Adjustment Kit

BPAKG - Grey
BPAKB - Black



Air Vents

VENT 1 - Aluminum louvered
VENT 2 - Outdoor labyrinth



Lock

CAT 60
CAT 90



Mounting Screws

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



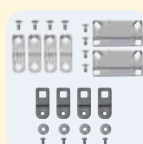
Din Rail

DIN 8 - 2 rails, 4 screws



Pole Mounting Kit

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



Mounting Feet & Flange Kits

MFKG - Premium line feet
MFKSS - Stainless steel feet
MFLK6 - 8" Flange kit



PREMIUM POLYCARBONATE ENCLOSURE

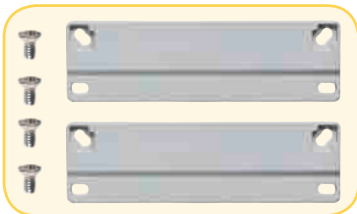
Features and Benefits

- 16 Standard configurations including hinged or non-hinged lids in 2-screw, 4-screw, or stainless steel metal latched lids.
- Standard color – light gray with a gloss finish.
- Best material – bases, opaque covers and clear covers are all made of high-impact, UV resistant polycarbonate.
- Easy ordering – one part number includes base, lid, mounting feet or flanges and all lid fastening hardware (mounting panels sold separately).
- Flexible interior mounting – features the unique and patented Integra adjustable depth “T-Rail” back panel mounting system (back panel and adjustable brackets sold separately).
- Features multiple bosses for easy installation of devices and DIN rails.
- UL-50 / c-UL Listed (files # E229365, # E207562)

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



Comes with feet or flanges.



Atex pending, contact factory for details

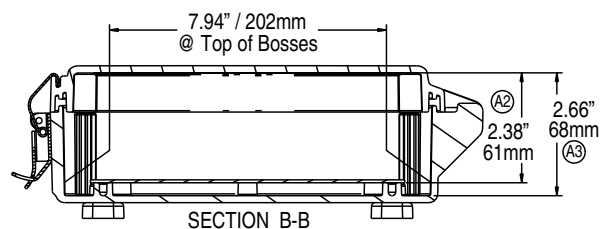
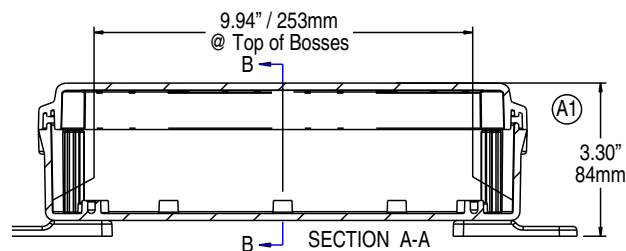
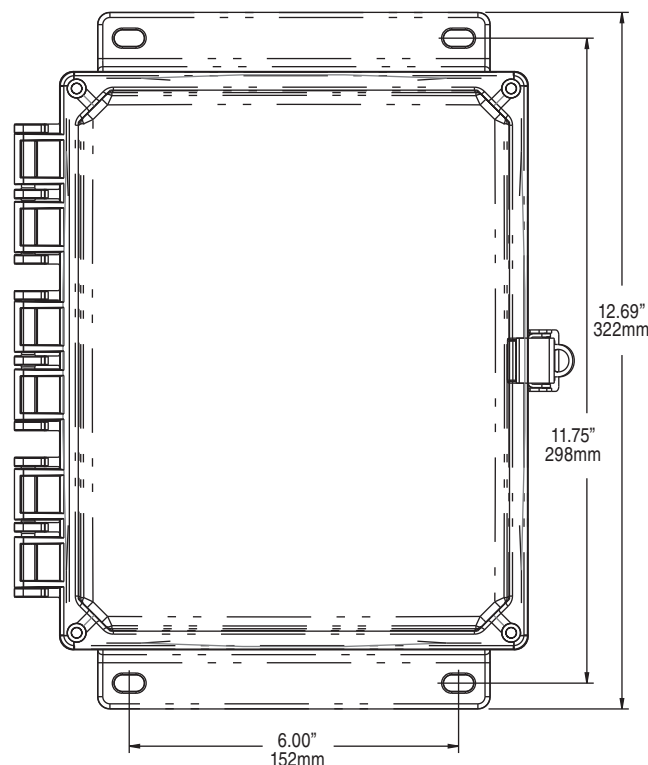
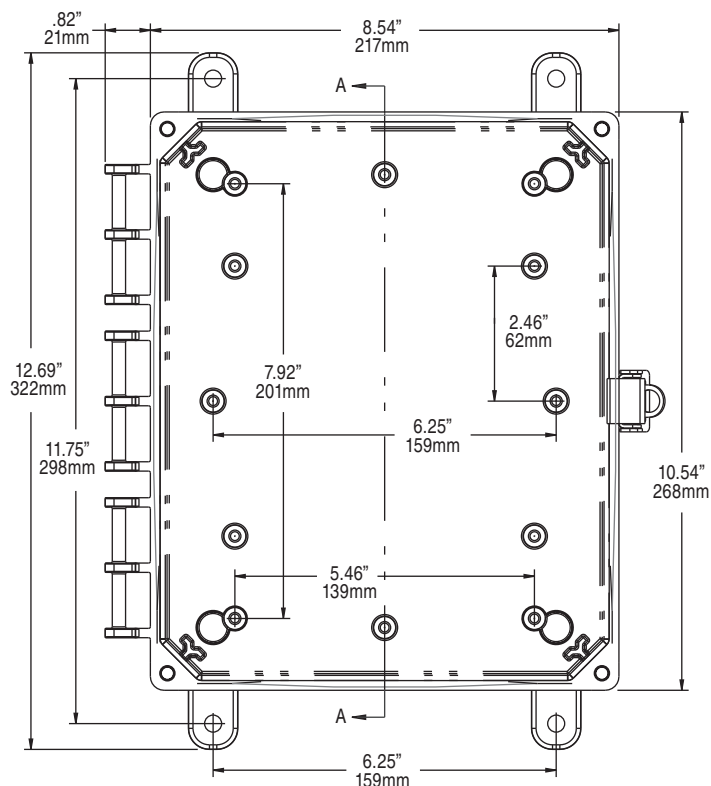
Mechanical and Thermal	Test Spec.	Unit	Premium Line
Instrumented Dart Impact @ 73° F		in/lb.	565
Falling Ball Impact @ 73° F	UL-746	in/lb.	900
Deflection Temperature @ 264 psi	ASTM D648	Deg. F	270
Modulus of Elasticity	ASTM D790	ksi	340
Temperature Range		Deg. F	-40 to 265
Flammable / UV Ratings	Test Spec.	Unit	Premium Line
Flame Rating - UL	UL 94	-	V2
Outdoor UV Exposure	UL	-	F1

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

TORQUE SPECIFICATIONS - Mounting Brackets - 1/4"-20 x 0.25 SS, countersunk phillips drive screws (torque limit = 20 in. lbs.) | Covers / Doors - Torque for corner screws is 5 in. lbs.



10X8X2 PREMIUM LINE



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Accessories for 10x8x2 (For complete accessories, see page 39-42)



Back Panels

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



Swing Out Panels

ABP-108SP/SOPK - Complete panel kit
ABP-108SP - Aluminum swing out panels only
SOPK - Hardware only



Back Panel Adjustment Kit

BPAKG - Grey
BPAKB - Black



Air Vents

VENT 1 - Aluminum louvered
VENT 2 - Outdoor labyrinth



Lock

CAT 60
CAT 90



Mounting Screws

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



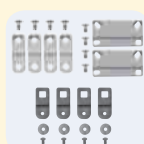
Din Rail

DIN 8 - 2 rails, 4 screws



Pole Mounting Kit

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



Mounting Feet & Flange Kits

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



PREMIUM POLYCARBONATE ENCLOSURE

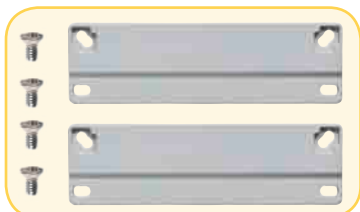
Features and Benefits

- 16 Standard configurations including hinged or non-hinged lids in 2-screw, 4-screw, or stainless steel metal latched lids.
- Standard color – light gray with a gloss finish.
- Best material – bases, opaque covers and clear covers are all made of high-impact, UV resistant polycarbonate.
- Easy ordering – one part number includes base, lid, mounting feet or flanges and all lid fastening hardware (mounting panels sold separately).
- Flexible interior mounting – features the unique and patented Integra adjustable depth “T-Rail” back panel mounting system (back panel and adjustable brackets sold separately).
- Features multiple bosses for easy installation of devices and DIN rails.
- UL-50 / c-UL Listed (files # E229365, # E207562)

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Comes with feet or flanges.



Atex pending, contact factory for details

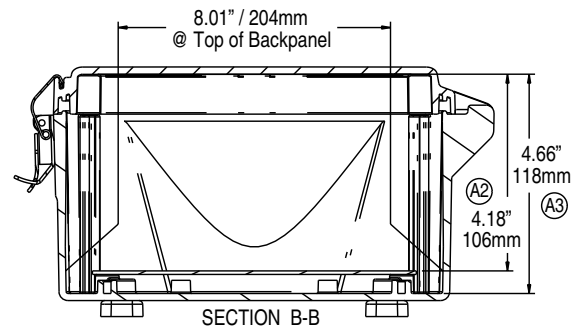
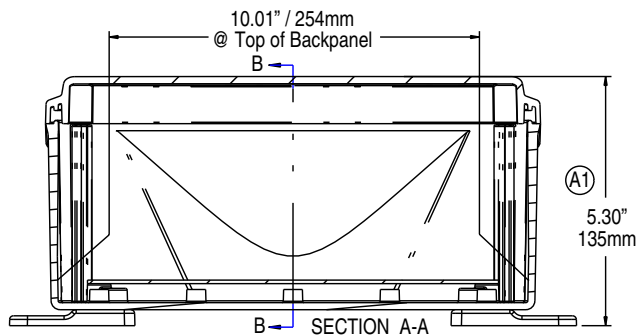
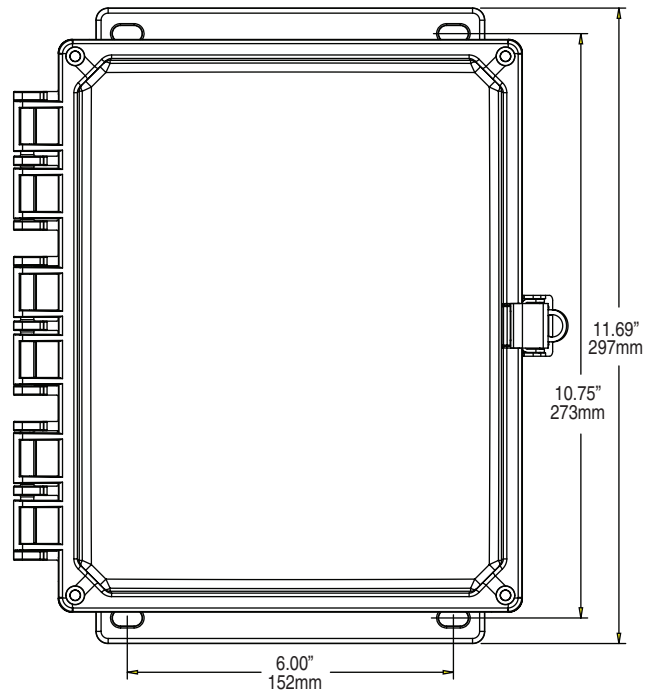
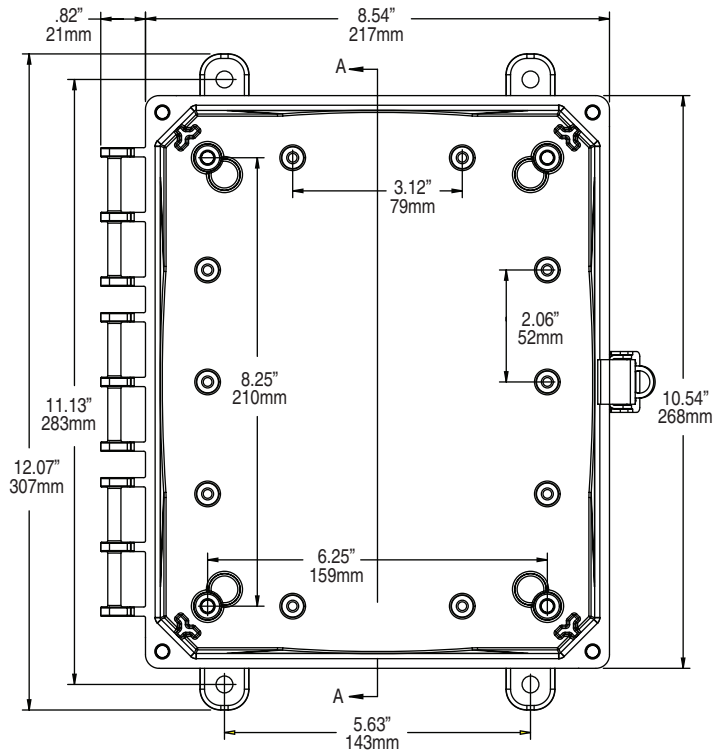
Mechanical and Thermal	Test Spec.	Unit	Premium Line
Instrumented Dart Impact @ 73° F		in/lb.	565
Falling Ball Impact @ 73° F	UL-746	in/lb.	900
Deflection Temperature @ 264 psi	ASTM D648	Deg. F	270
Modulus of Elasticity	ASTM D790	ksi	340
Temperature Range		Deg. F	-40 to 265
Flammable / UV Ratings	Test Spec.	Unit	Premium Line
Flame Rating - UL	UL 94	-	V2
Outdoor UV Exposure	UL	-	F1

10084 P/N	4X IP66	6P IP68	Hinged Cover	Screw Cover	Opaque Cover	Clear Cover	Mounting Feet	Mounting Flange	Stainless Steel Locking Latch	T-Rail System
H10084S	✓	✓		✓	✓		✓			✓
H10084SC	✓	✓		✓		✓	✓			✓
H10084SF	✓	✓		✓	✓			✓		✓
H10084SCF	✓	✓		✓		✓		✓		✓
H10084H	✓		✓	✓	✓		✓			✓
H10084HC	✓		✓	✓		✓	✓			✓
H10084HF	✓		✓	✓	✓			✓		✓
H10084HCF	✓		✓	✓		✓		✓		✓
H10084HLL	✓		✓		✓		✓		✓	✓
H10084HCLL	✓		✓			✓	✓		✓	✓
H10084HFLL	✓		✓		✓			✓	✓	✓
H10084HCFLL	✓		✓			✓		✓	✓	✓
H10084H-6P	✓	✓	✓	✓	✓		✓			✓
H10084HC-6P	✓	✓	✓	✓		✓	✓			✓
H10084HF-6P	✓	✓	✓	✓	✓			✓		✓
H10084HCF-6P	✓	✓	✓	✓		✓		✓		✓

TORQUE SPECIFICATIONS - Mounting Brackets - 1/4"-20 x 0.25 SS, countersunk phillips drive screws (torque limit = 20 in. lbs.) | Covers / Doors - Torque for corner screws is 5 in. lbs.



10X8X4 PREMIUM LINE



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Accessories for 10x8x4 (For complete accessories, see page 39-42)



Back Panels

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



Swing Out Panels

ABP-108SP/SOPK - Complete panel kit
ABP-108SP - Aluminum swing out panels only
SOPK - Hardware only



Back Panel Adjustment Kit

BPAKG - Grey
BPAKB - Black



Air Vents

VENT 1 - Aluminum louvered
VENT 2 - Outdoor labyrinth



Lock

CAT 60
CAT 90



Mounting Screws

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



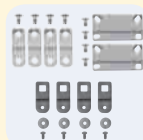
Din Rail

DIN 8 - 2 rails, 4 screws



Pole Mounting Kit

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



Mounting Feet & Flange Kits

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



PREMIUM POLYCARBONATE ENCLOSURE

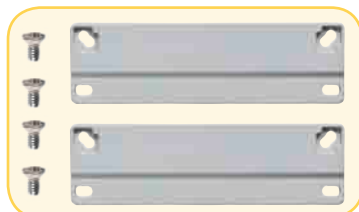
Features and Benefits

- 16 Standard configurations including hinged or non-hinged lids in 2-screw, 4-screw, or stainless steel metal latched lids.
- Standard color – light gray with a gloss finish.
- Best material – bases, opaque covers and clear covers are all made of high-impact, UV resistant polycarbonate.
- Easy ordering – one part number includes base, lid, mounting feet or flanges and all lid fastening hardware (mounting panels sold separately).
- Flexible interior mounting – features the unique and patented Integra adjustable depth “T-Rail” back panel mounting system (back panel and adjustable brackets sold separately).
- Features multiple bosses for easy installation of devices and DIN rails.
- UL-50 / c-UL Listed (files # E229365, # E207562)

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Comes with feet or flanges.



Atex pending, contact factory for details

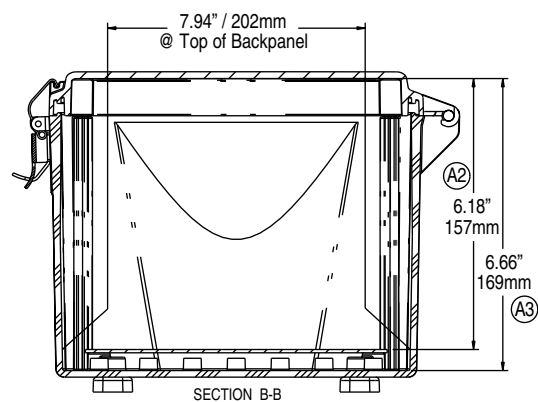
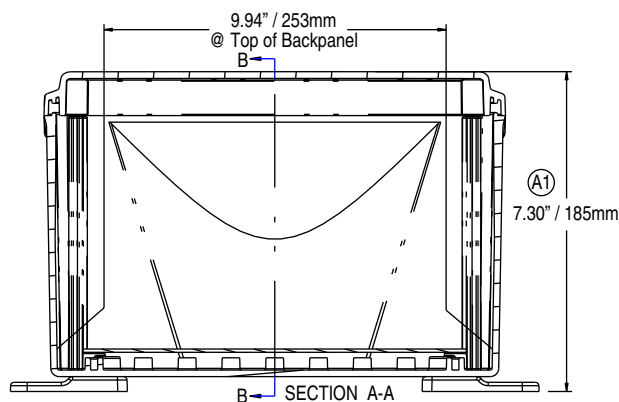
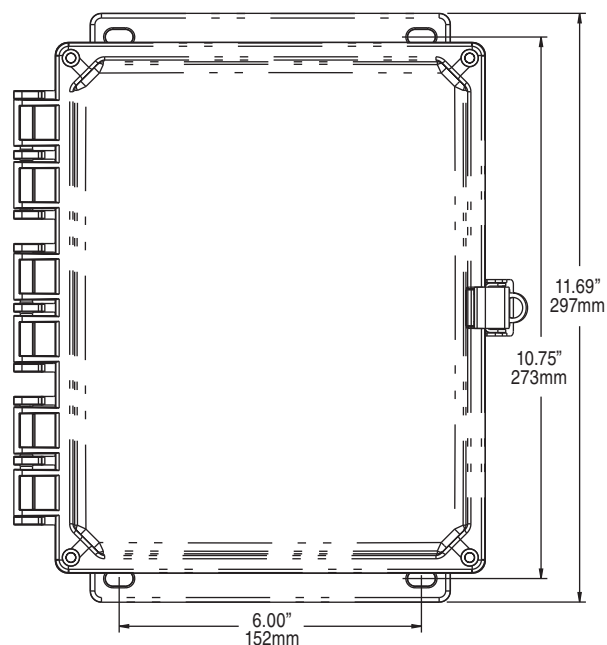
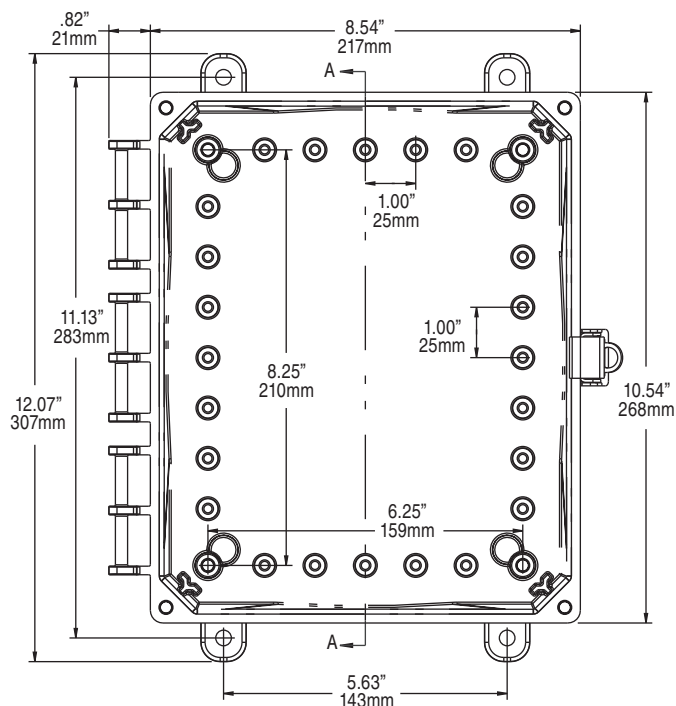
Mechanical and Thermal	Test Spec.	Unit	Premium Line
Instrumented Dart Impact @ 73° F		in/lb.	565
Falling Ball Impact @ 73° F	UL-746	in/lb.	900
Deflection Temperature @ 264 psi	ASTM D648	Deg. F	270
Modulus of Elasticity	ASTM D790	ksi	340
Temperature Range		Deg. F	-40 to 265
Flammable / UV Ratings	Test Spec.	Unit	Premium Line
Flame Rating - UL	UL 94	-	V2
Outdoor UV Exposure	UL	-	F1

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

TORQUE SPECIFICATIONS - Mounting Brackets - 1/4"-20 x 0.25 SS, countersunk phillips drive screws (torque limit = 20 in. lbs.) | Covers / Doors - Torque for corner screws is 5 in. lbs.



10X8X6 PREMIUM LINE



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

Accessories for 10x8x6 (For complete accessories, see page 39-42)



Back Panels

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



Swing Out Panels

ABP-108SP/SOPK - Complete panel kit
ABP-108SP - Aluminum swing out panels only
SOPK - Hardware only



Back Panel Adjustment Kit

BPAKG - Grey
BPAKB - Black



Air Vents

VENT 1 - Aluminum louvered
VENT 2 - Outdoor labyrinth



Lock

CAT 60
CAT 90



Mounting Screws

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



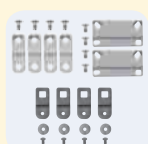
Din Rail

DIN 8 - 2 rails, 4 screws



Pole Mounting Kit

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



Mounting Feet & Flange Kits

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

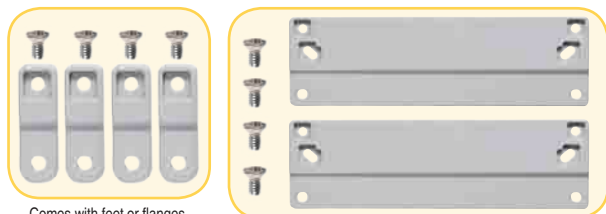


PREMIUM POLYCARBONATE ENCLOSURE

Features and Benefits

- 16 Standard configurations including hinged or non-hinged lids in 2-screw, 4-screw, or stainless steel metal latched lids.
- Standard color – light gray with a gloss finish.
- Best material – bases, opaque covers and clear covers are all made of high-impact, UV resistant polycarbonate.
- Easy ordering – one part number includes base, lid, mounting feet or flanges and all lid fastening hardware (mounting panels sold separately).
- Flexible interior mounting – features the unique and patented Integra adjustable depth “T-Rail” back panel mounting system (back panel and adjustable brackets sold separately).
- Features multiple bosses for easy installation of devices and DIN rails.
- UL-50 / c-UL Listed (files # E229365, # E207562)

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Comes with feet or flanges.



Atex pending, contact factory for details

Mechanical and Thermal	Test Spec.	Unit	Premium Line
Instrumented Dart Impact @ 73° F		in/lb.	565
Falling Ball Impact @ 73° F	UL-746	in/lb.	900
Deflection Temperature @ 264 psi	ASTM D648	Deg. F	270
Modulus of Elasticity	ASTM D790	ksi	340
Temperature Range		Deg. F	-40 to 265
Flammable / UV Ratings	Test Spec.	Unit	Premium Line
Flame Rating - UL	UL 94	-	V2
Outdoor UV Exposure	UL	-	F1

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

TORQUE SPECIFICATIONS - Mounting Brackets - 1/4"-20 x 0.25 SS, countersunk phillips drive screws (torque limit = 20 in. lbs.) | **Covers / Doors** - Torque for corner screws is 5 in. lbs.

12X10X6 PREMIUM LINE



PREMIUM POLYCARBONATE ENCLOSURE

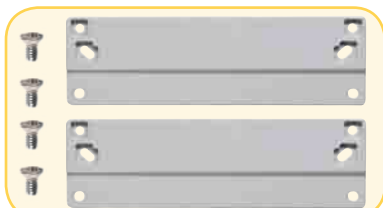
Features and Benefits

- 16 Standard configurations including hinged or non-hinged lids in 2-screw, 4-screw, or stainless steel metal latched lids.
- Standard color – light gray with a gloss finish.
- Best material – bases, opaque covers and clear covers are all made of high-impact, UV resistant polycarbonate.
- Easy ordering – one part number includes base, lid, mounting feet or flanges and all lid fastening hardware (mounting panels sold separately).
- Flexible interior mounting – features the unique and patented Integra adjustable depth “T-Rail” back panel mounting system (back panel and adjustable brackets sold separately).
- Features multiple bosses for easy installation of devices and DIN rails.
- UL-50 / c-UL Listed (files # E229365, # E207562)

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Comes with feet or flanges.



Atex pending, contact factory for details

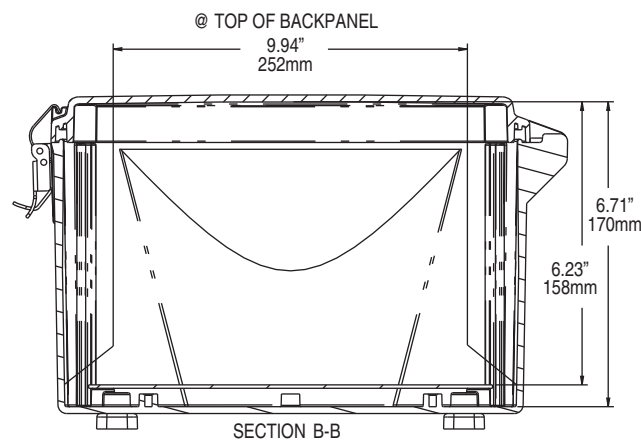
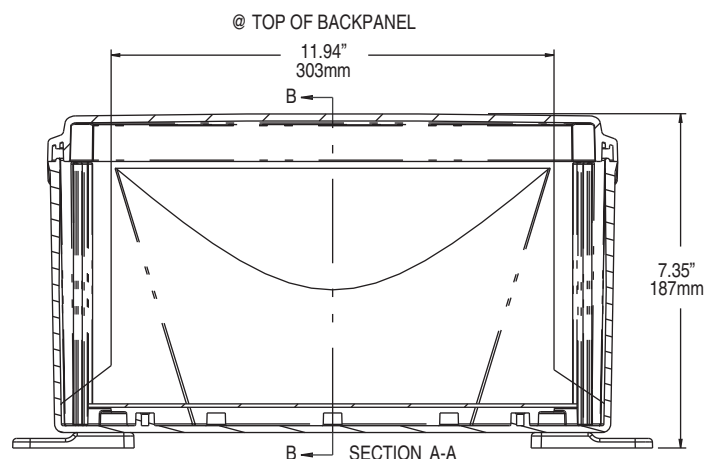
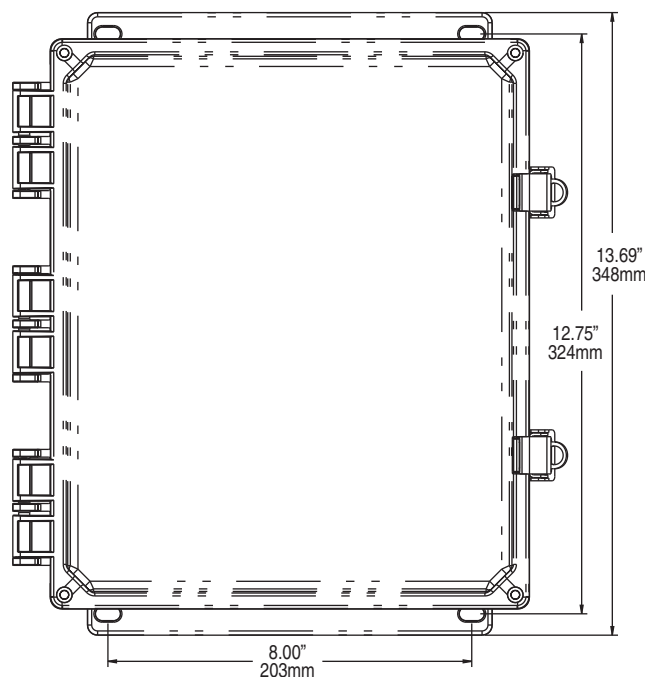
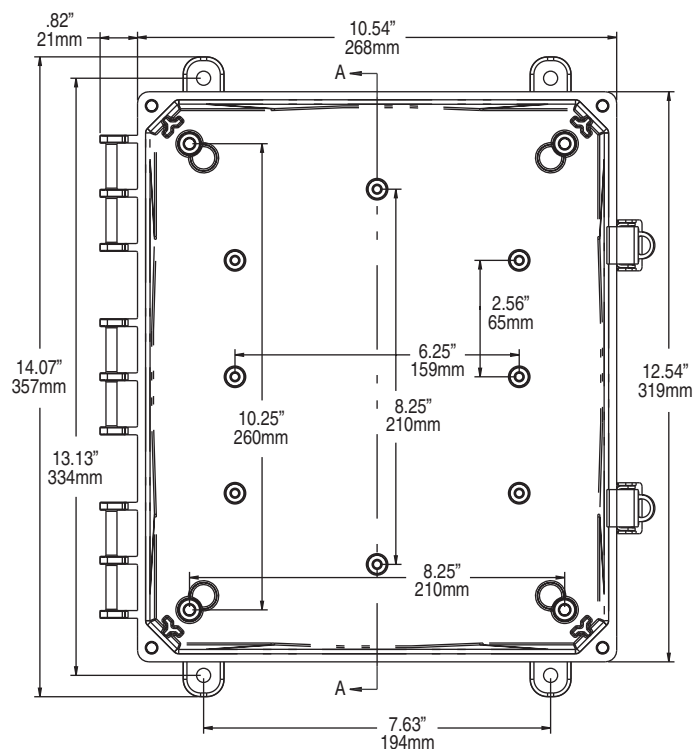
Mechanical and Thermal	Test Spec.	Unit	Premium Line
Instrumented Dart Impact @ 73° F		in/lb.	565
Falling Ball Impact @ 73° F	UL-746	in/lb.	900
Deflection Temperature @ 264 psi	ASTM D648	Deg. F	270
Modulus of Elasticity	ASTM D790	ksi	340
Temperature Range		Deg. F	-40 to 265
Flammable / UV Ratings	Test Spec.	Unit	Premium Line
Flame Rating - UL	UL 94	-	V2
Outdoor UV Exposure	UL	-	F1

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

TORQUE SPECIFICATIONS - Mounting Brackets - 1/4"-20 x 0.25 SS, countersunk phillips drive screws (torque limit = 20 in. lbs.) | Covers / Doors - Torque for corner screws is 5 in. lbs.



12X10X6 PREMIUM LINE



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Accessories for 12x10x6 (For complete accessories, see page 39-42)



Back Panels

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



Swing Out Panels

ABP-1210SP/SOPK - Complete panel kit
ABP-1210SP - Aluminum swing out panels only
SOPK - Hardware only



Back Panel Adjustment Kit

BPAKG - Grey
BPAKB - Black



Air Vents

VENT 1 - Aluminum louvered
VENT 2 - Outdoor labyrinth



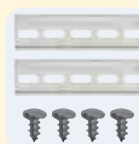
Lock

CAT 60
CAT 90



Mounting Screws

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



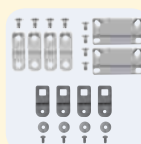
Din Rail

DIN 10 - 2 rails, 4 screws



Pole Mounting Kit

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



Mounting Feet & Flange Kits

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

14X12X6 PREMIUM LINE



PREMIUM POLYCARBONATE ENCLOSURE

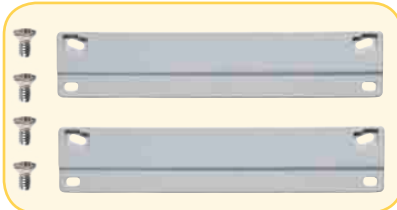
Features and Benefits

- 16 Standard configurations including hinged or non-hinged lids in 2-screw, 4-screw, or stainless steel metal latched lids.
- Standard color – light gray with a gloss finish.
- Best material – bases, opaque covers and clear covers are all made of high-impact, UV resistant polycarbonate.
- Easy ordering – one part number includes base, lid, mounting feet or flanges and all lid fastening hardware (mounting panels sold separately).
- Flexible interior mounting – features the unique and patented Integra adjustable depth “T-Rail” back panel mounting system (back panel and adjustable brackets sold separately).
- Features multiple bosses for easy installation of devices and DIN rails.
- UL-50 / c-UL Listed (files # E229365, # E207562)

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



Comes with feet or flanges.



Atex pending, contact factory for details

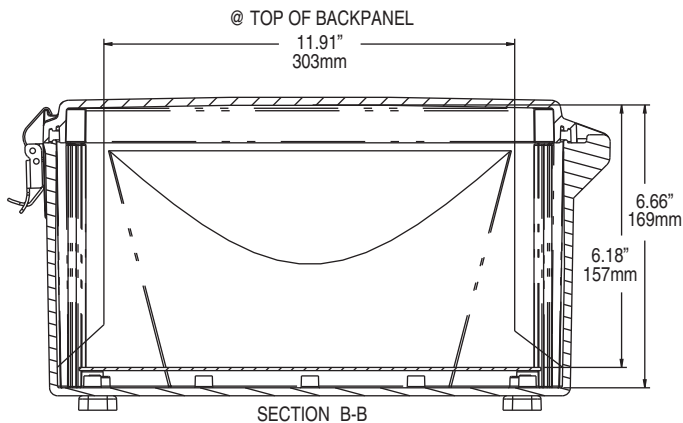
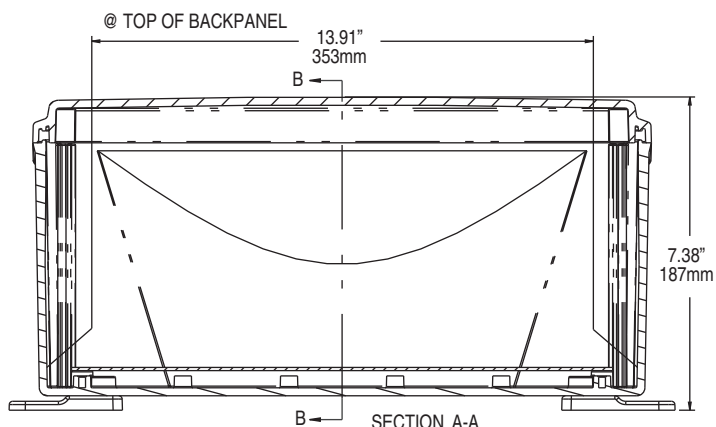
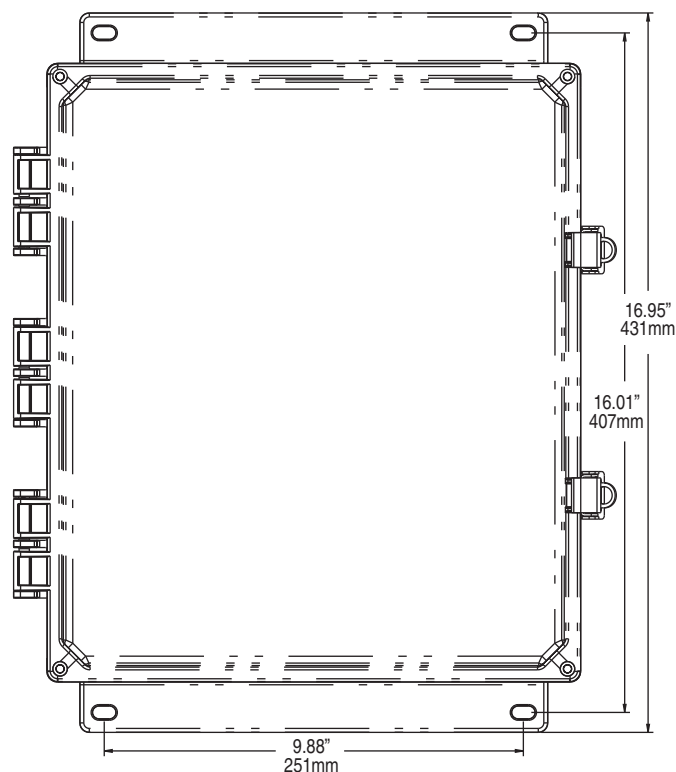
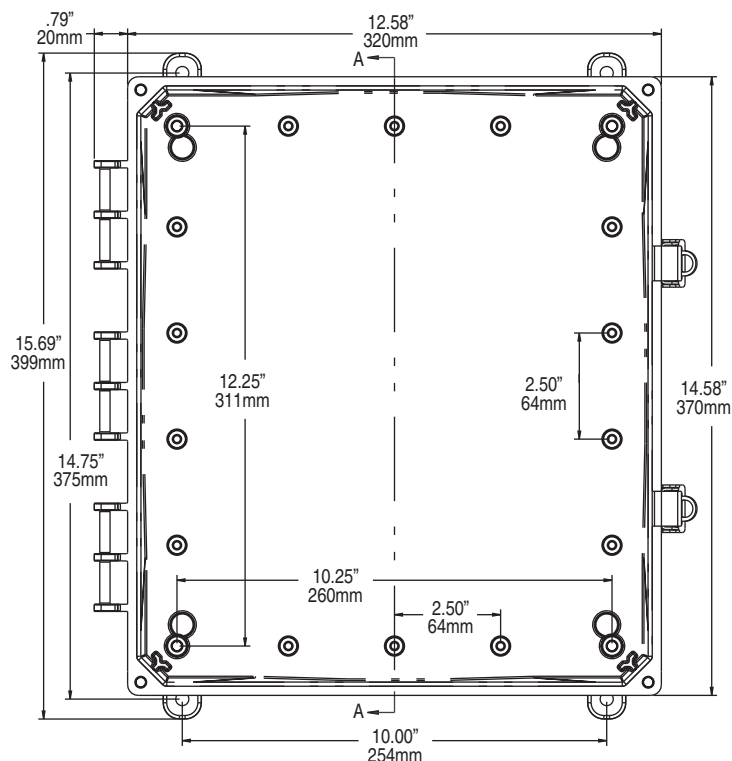
Mechanical and Thermal	Test Spec.	Unit	Premium Line
Instrumented Dart Impact @ 73° F		in/lb.	565
Falling Ball Impact @ 73° F	UL-746	in/lb.	900
Deflection Temperature @ 264 psi	ASTM D648	Deg. F	270
Modulus of Elasticity	ASTM D790	ksi	340
Temperature Range		Deg. F	-40 to 265
Flammable / UV Ratings	Test Spec.	Unit	Premium Line
Flame Rating - UL	UL 94	-	V2
Outdoor UV Exposure	UL	-	F1

141206 P/N	4X IP66	6P IP68	Hinged Cover	Screw Cover	Opaque Cover	Clear Cover	Mounting Feet	Mounting Flange	Stainless Steel Locking Latch	T-Rail System
H141206S	✓	✓		✓	✓		✓			✓
H141206SC	✓	✓		✓		✓	✓			✓
H141206SF	✓	✓		✓	✓			✓		✓
H141206SCF	✓	✓		✓		✓		✓		✓
H141206H	✓		✓	✓	✓		✓			✓
H141206HC	✓		✓	✓		✓	✓			✓
H141206HF	✓		✓	✓	✓			✓		✓
H141206HCF	✓		✓	✓		✓		✓		✓
H141206HLL	✓		✓		✓		✓		✓	✓
H141206HCLL	✓		✓			✓	✓		✓	✓
H141206HFLL	✓		✓		✓			✓	✓	✓
H141206HCFLL	✓		✓			✓		✓	✓	✓
H141206H-6P	✓	✓	✓	✓	✓		✓			✓
H141206HC-6P	✓	✓	✓	✓		✓	✓			✓
H141206HF-6P	✓	✓	✓	✓	✓			✓		✓
H141206HCF-6P	✓	✓	✓	✓		✓		✓		✓

TORQUE SPECIFICATIONS - Mounting Brackets - 1/4"-20 x 0.25 SS, countersunk phillips drive screws (torque limit = 20 in. lbs.) | Covers / Doors - Torque for corner screws is 5 in. lbs.



14X12X6 PREMIUM LINE



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Accessories for 14x12x6 (For complete accessories, see page 39-42)



Back Panels

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



Swing Out Panels

ABP-1412SP/SOPK - Complete panel kit
ABP-1412SP - Aluminum swing out panels only
SOPK - Hardware only



Back Panel Adjustment Kit

BPAKG - Grey
BPAKB - Black



Air Vents

VENT 1 - Aluminum louvered
VENT 2 - Outdoor labyrinth



Lock

CAT 60
CAT 90



Mounting Screws

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



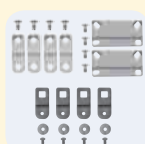
Din Rail

DIN 12 - 2 rails, 4 screws



Pole Mounting Kit

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



Mounting Feet & Flange Kits

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

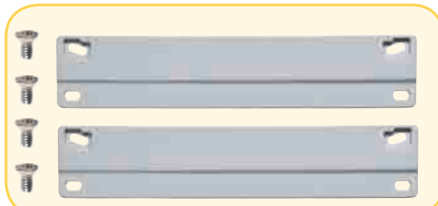


* This size also available in low profile hinge.

* 16x14x12 Expansion box not shown. Call Integra for more details.



Comes with feet or flanges.



Atex pending, contact factory for details

PREMIUM POLYCARBONATE ENCLOSURE

Features and Benefits

- 16 Standard configurations including hinged or non-hinged lids in 2-screw, 4-screw, or stainless steel metal latched lids.
- Standard color – light gray with a gloss finish.
- Best material – bases, opaque covers and clear covers are all made of high-impact, UV resistant polycarbonate.
- Easy ordering – one part number includes base, lid, mounting feet or flanges and all lid fastening hardware (mounting panels sold separately).
- Flexible interior mounting – features the unique and patented Integra adjustable depth “T-Rail” back panel mounting system (back panel and adjustable brackets sold separately).
- Features multiple bosses for easy installation of devices and DIN rails.
- UL-50 / c-UL Listed (files # E229365, # E207562)

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

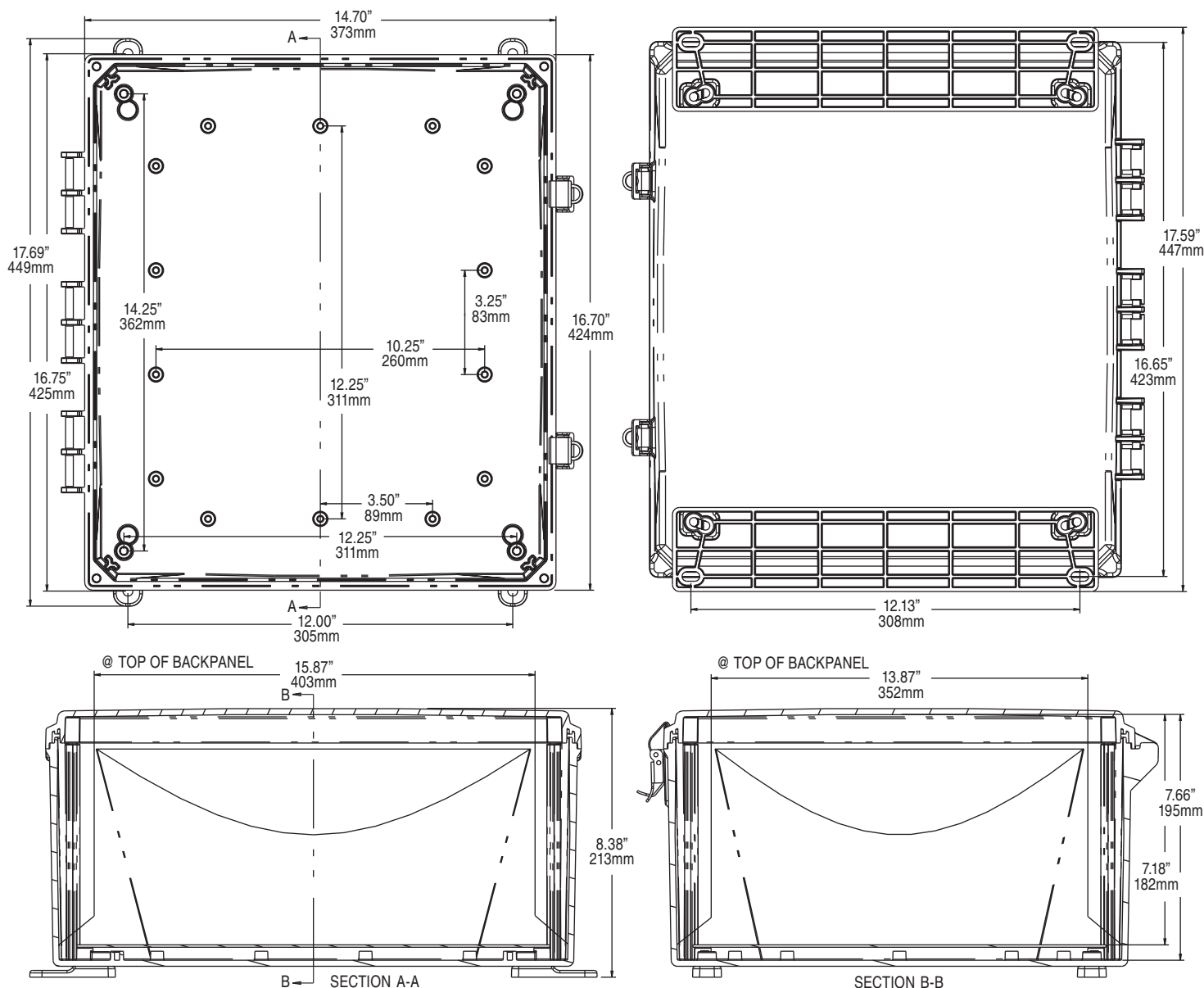
Mechanical and Thermal	Test Spec.	Unit	Premium Line
Instrumented Dart Impact @ 73° F		in/lb.	565
Falling Ball Impact @ 73° F	UL-746	in/lb.	900
Deflection Temperature @ 264 psi	ASTM D648	Deg. F	270
Modulus of Elasticity	ASTM D790	ksi	340
Temperature Range		Deg. F	-40 to 265
Flammable / UV Ratings	Test Spec.	Unit	Premium Line
Flame Rating - UL	UL 94	-	V2
Outdoor UV Exposure	UL	-	F1

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

TORQUE SPECIFICATIONS - Mounting Brackets - 1/4"-20 x 0.25 SS, countersunk phillips drive screws (torque limit = 20 in. lbs.) | Covers / Doors - Torque for corner screws is 5 in. lbs.



16X14X7 PREMIUM LINE



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Accessories for 16x14x7 (For complete accessories, see page 39-42)



Back Panels

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



Swing Out Panels

ABP-1614SP/SOPK - Complete panel kit
ABP-1614SP - Aluminum swing out panels only
SOPK - Hardware only



Back Panel Adjustment Kit

BPAKG - Grey
BPAKB - Black



Air Vents

VENT 1 - Aluminum louvered
VENT 2 - Outdoor labyrinth



Lock

CAT 60
CAT 90



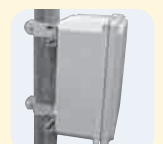
Mounting Screws

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



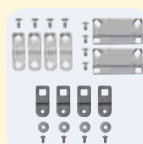
Din Rail

DIN 14 - 2 rails, 4 screws



Pole Mounting Kit

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



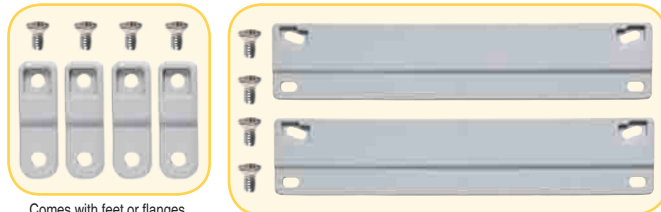
Mounting Feet & Flange Kits

MFKG - Premium line feet
MFKSS - Stainless steel feet
MFLK14 - 14" Flange kit

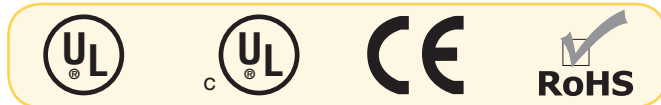
18X16X10 PREMIUM LINE



* This size also available in low profile hinge. Call Integra for more details.



Comes with feet or flanges.



Atex pending, contact factory for details

PREMIUM POLYCARBONATE ENCLOSURE

Features and Benefits

- 16 Standard configurations including hinged or non-hinged lids in 2-screw, 4-screw, or stainless steel metal latched lids.
- Standard color – light gray with a gloss finish.
- Best material – bases, opaque covers and clear covers are all made of high-impact, UV resistant polycarbonate.
- Easy ordering – one part number includes base, lid, mounting feet or flanges and all lid fastening hardware (mounting panels sold separately).
- Flexible interior mounting – features the unique and patented Integra adjustable depth “T-Rail” back panel mounting system (back panel and adjustable brackets sold separately).
- Features multiple bosses for easy installation of devices and DIN rails.
- UL-50 / c-UL Listed (files # E229365, # E207562)

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

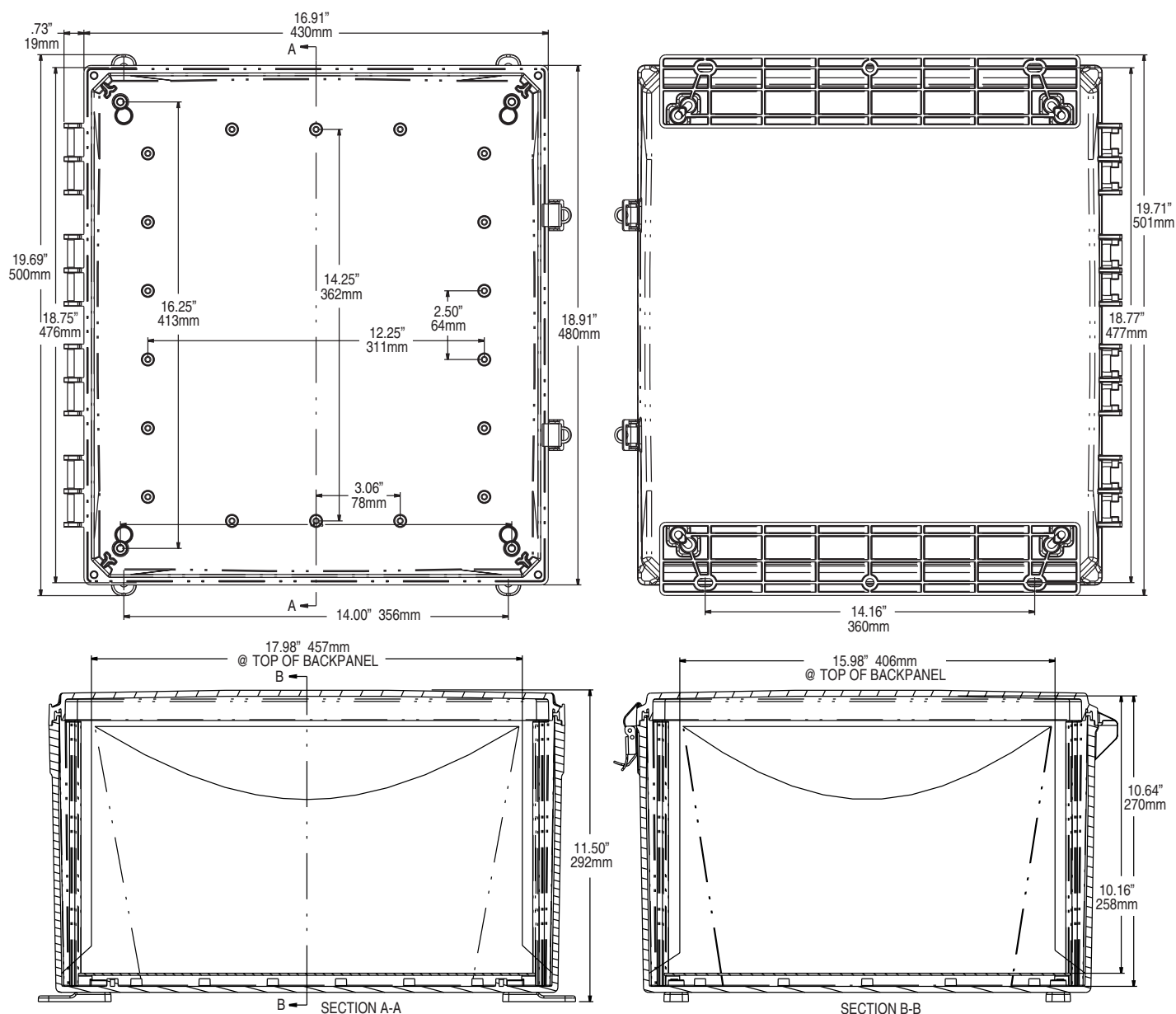
Mechanical and Thermal	Test Spec.	Unit	Premium Line
Instrumented Dart Impact @ 73° F		in/lb.	565
Falling Ball Impact @ 73° F	UL-746	in/lb.	900
Deflection Temperature @ 264 psi	ASTM D648	Deg. F	270
Modulus of Elasticity	ASTM D790	ksi	340
Temperature Range		Deg. F	-40 to 265
Flammable / UV Ratings	Test Spec.	Unit	Premium Line
Flame Rating - UL	UL 94	-	V2
Outdoor UV Exposure	UL	-	F1

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

TORQUE SPECIFICATIONS - Mounting Brackets - 1/4"-20 x 0.25 SS, countersunk phillips drive screws (torque limit = 20 in. lbs.) | Covers / Doors - Torque for corner screws is 5 in. lbs.



18X16X10 PREMIUM LINE



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Accessories for 18x16x10 (For complete accessories, see page 39-42)



Back Panels

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



Swing Out Panels

ABP-1816SP/SOPK - Complete panel kit
ABP-1816SP - Aluminum swing out panels only
SOPK - Hardware only



Back Panel Adjustment Kit

BPAKG - Grey
BPAKB - Black



Air Vents

VENT 1 - Aluminum louvered
VENT 2 - Outdoor labyrinth



Lock

CAT 60
CAT 90



Mounting Screws

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



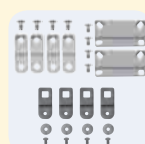
Din Rail

DIN 16 - 2 rails, 4 screws



Pole Mounting Kit

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



Mounting Feet & Flange Kits

MFKG - Premium line feet
MFKSS - Stainless steel feet
MFLK16 - 16" Flange kit



IMPACT

Features and Benefits

- Up to eight standard configurations available with Integra's standard EZ hinge or our new Low Profile hinge and either Integra's patented integrated latch or a stainless steel latch.
- Standard Color – light gray with a high gloss finish
- Best material – bases, opaque covers and clear covers are all made of high-impact, UV resistant polycarbonate
- Easy ordering – One part number equals one completely assembled enclosure
- Super easy use – mounting flanges integral, so no extra hardware needed
- Flexible interior Mounting – bosses on rear wall and lid of opaque enclosure provide multiple mounting options for din rail, back panels, or other components
- Advanced face plate mounting system – Brand new completely unique and easy
- Advanced swing panel mounting system – Brand new completely unique and easy
- Secure – Choose your level of protection: pad lockable, tamper screw or tamper tag capable
- Frequency Friendly – Available with absolutely no metals of any kind on the enclosure which is extremely favorable for sending and receiving wireless signals

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

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



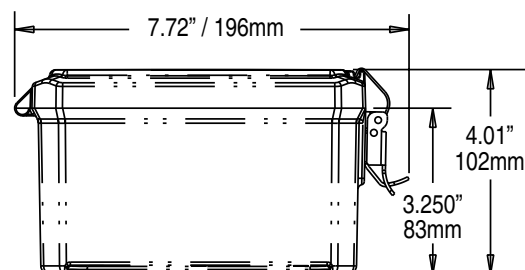
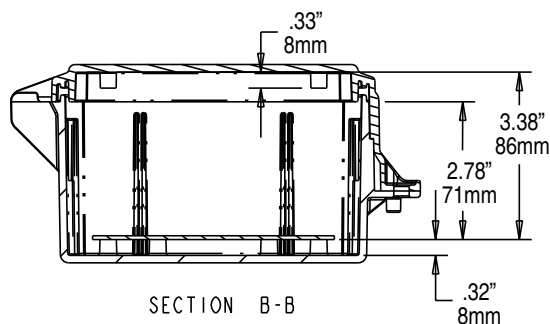
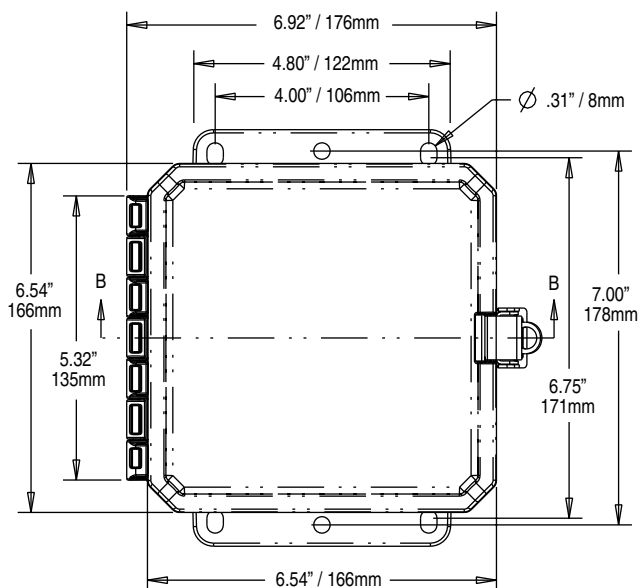
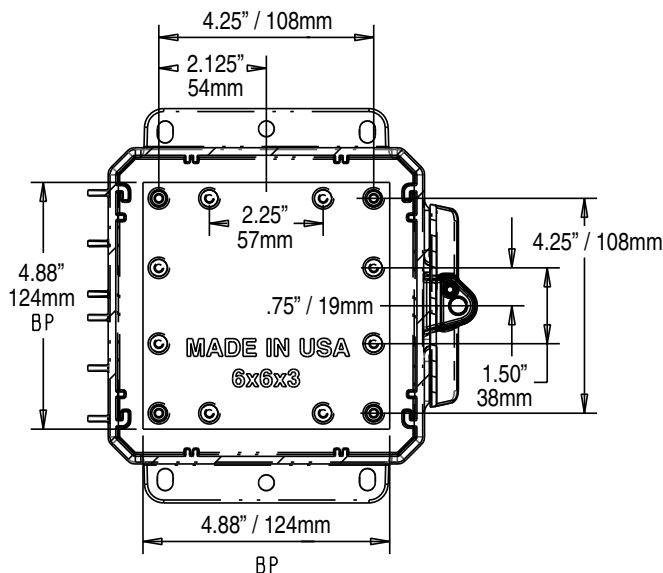
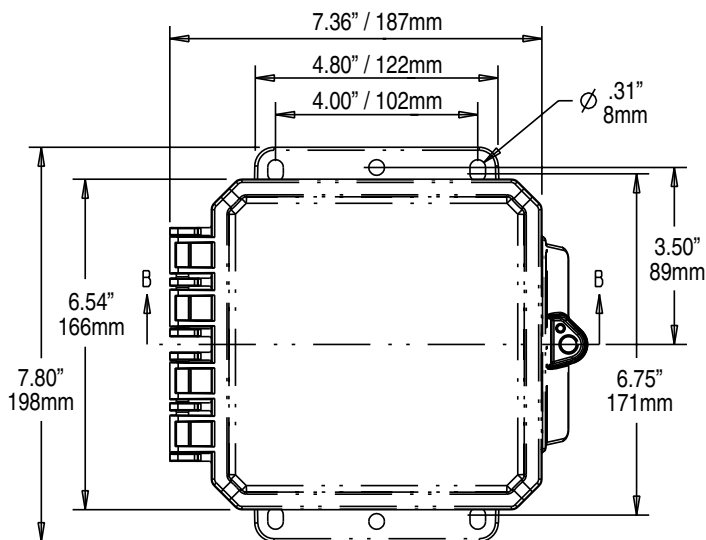
Atex pending contact factory for details

P6063	4X IP66	6P IP68	Clear Cover	Opaque Cover	Integrated Mounting Flange	Standard Hinge	Low Profile Hinge	Integrated Locking Latch	Stainless Steel Locking Latch	PCB Mounting System	Face Plate Mtg System*
P6063	✓	✓		✓	✓	✓		✓		✓	✓
P6063C	✓	✓	✓		✓	✓		✓		✓	✓
P6063LL	✓			✓	✓	✓			✓	✓	✓
P6063CLL	✓		✓		✓	✓			✓	✓	✓
P6063LP	✓	✓		✓	✓		✓	✓		✓	✓
P6063LPC	✓	✓	✓		✓		✓	✓		✓	✓
P6063LP LL	✓			✓	✓		✓		✓	✓	✓
P6063LPCLL	✓		✓		✓		✓		✓	✓	✓

* Sold separately



6X6X3 IMPACT LINE



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

Accessories for 6x6x3 Impact (For complete accessories, see page 43-44)



Back Panels

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



Swing Out System (see pg. 45)

ASWPK66-IMP Aluminum swing panel and SOPK-IMP mounting kit
ASWP66-IMP - Aluminum swing panel only
SOPK-IMP - 2 Ridgid brackets, 1 pivot bracket & 8 self-tapping screws



Face Plate System (see pg. 45)

FPK66-IMP - Aluminum face plate and SOPK-IMP mounting kit
AFP66-IMP - Aluminum face panel only
SOPK-IMP - 2 Ridgid brackets, 1 pivot bracket & 8 self-tapping screws



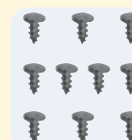
Air Vents

VENT 1 - Aluminum louvered
VENT 2 - Outdoor labyrinth



Lock

CAT 60
CAT 90



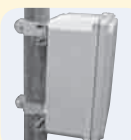
Mounting Screws

SP-8 - 10 Pieces self-tapping screws for bosses



Din Rail

DIN 6-IMP - 2 rails, 4 screws



Pole Mounting Kit

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



Cord Grips

IP66/NEMA 4X/6P rated
See page 44 for more details.



IMPACT

Features and Benefits

- Up to eight standard configurations available with Integra's standard EZ hinge or our new Low Profile hinge and either Integra's patented integrated latch or a stainless steel latch.
- Standard Color – light gray with a high gloss finish
- Best material – bases, opaque covers and clear covers are all made of high-impact, UV resistant polycarbonate
- Easy ordering – One part number equals one completely assembled enclosure
- Super easy use – mounting flanges integral, so no extra hardware needed
- Flexible interior Mounting – bosses on rear wall and lid of opaque enclosure provide multiple mounting options for din rail, back panels, or other components
- Advanced face plate mounting system – Brand new completely unique and easy
- Advanced swing panel mounting system – Brand new completely unique and easy
- Secure – Choose your level of protection: pad lockable, tamper screw or tamper tag capable
- Frequency Friendly – Available with absolutely no metals of any kind on the enclosure which is extremely favorable for sending and receiving wireless signals

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



Atex pending contact factory for details

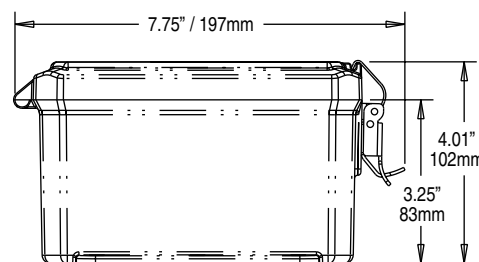
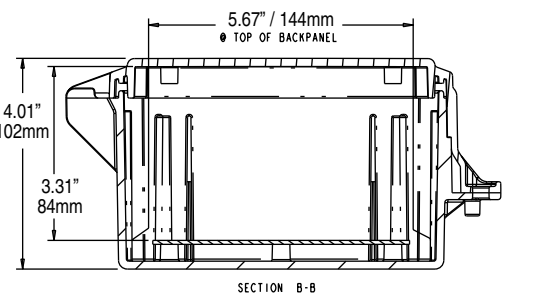
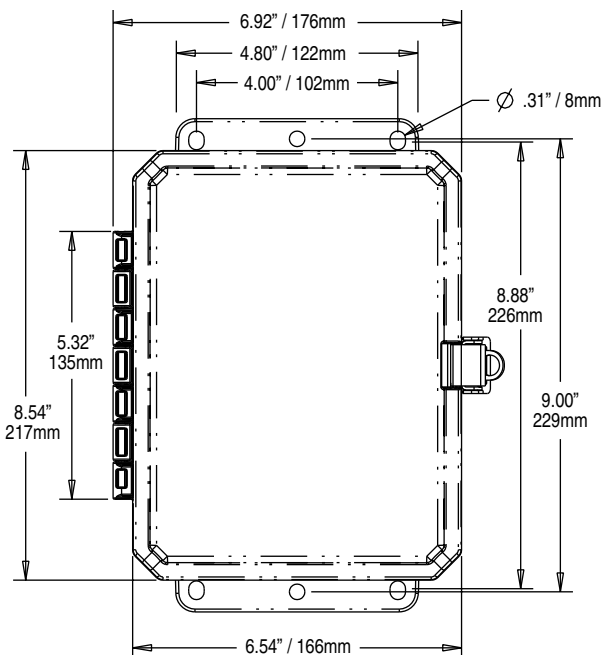
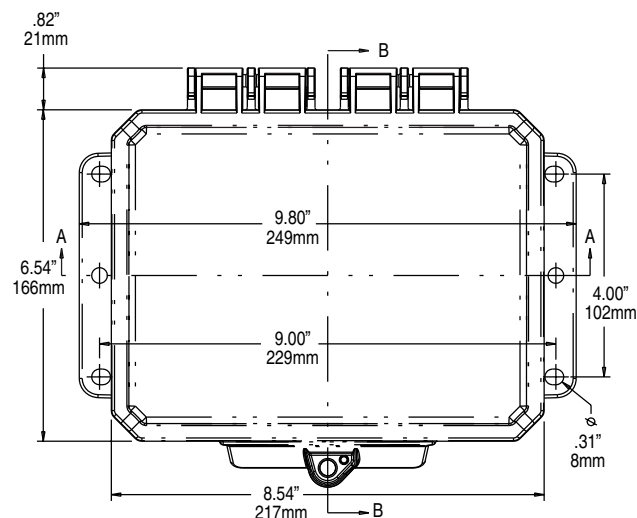
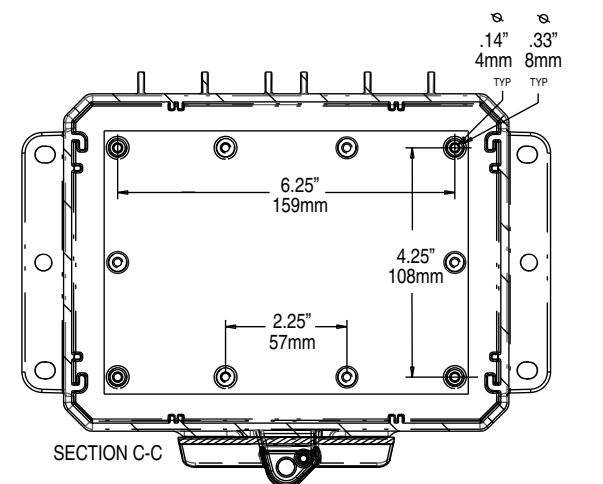
Mechanical and Thermal	Test Spec.	Unit	Impact Line
Instrumented Dart Impact @ 73° F		in/lb.	565
Falling Ball Impact @ 73° F	UL-746	in/lb.	900
Deflection Temperature @ 264 psi	ASTM D648	Deg. F	270
Modulus of Elasticity	ASTM D790	ksi	340
Temperature Range		Deg. F	-40 to 265
Flammable / UV Ratings	Test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

P8063	4X IP66	6P IP68	Clear Cover	Opaque Cover	Integrated Mounting Flange	Standard Hinge	Low Profile Hinge	Integrated Locking Latch	Stainless Steel Locking Latch	PCB Mounting System	Face Plate Mtg System*
P8063	✓	✓		✓	✓	✓		✓		✓	✓
P8063C	✓	✓	✓		✓	✓		✓		✓	✓
P8063LL	✓			✓	✓	✓			✓	✓	✓
P8063CLL	✓		✓		✓	✓			✓	✓	✓
P8063LP	✓	✓		✓	✓		✓	✓		✓	✓
P8063LPC	✓	✓	✓		✓		✓	✓		✓	✓
P8063LP LL	✓			✓	✓		✓		✓	✓	✓
P8063LPCLL	✓		✓		✓		✓		✓	✓	✓

* Sold separately



8X6X3 IMPACT LINE



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Accessories for 8x6x3 Impact (For complete accessories, see page 43-44)



Back Panels

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



Swing Out System (see pg. 45)

ASWPK86-IMP Aluminum swing panel and SOPK-IMP mounting kit
ASWP86-IMP - Aluminum swing panel only
SOPK-IMP - 2 Ridgit brackets, 1 pivot bracket & 8 self-tapping screws



Face Plate System (see pg. 45)

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



Air Vents

VENT 1 - Aluminum louvered
VENT 2 - Outdoor labyrinth



Lock

CAT 60
CAT 90



Mounting Screws

SP-8 - 10 Pieces self-tapping screws for bosses



Din Rail

DIN 6-IMP - 2 rails, 4 screws



Pole Mounting Kit

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



Cord Grips

IP66/NEMA 4X/6P rated
See page 44 for more details.



IMPACT

Features and Benefits

- Available in two configurations, either clear or opaque lids with Integra's standard EZ Hinge and Integra's patented Integra latch
- Standard Color – light gray with a high gloss finish.
- Best material – bases, opaque covers and clear covers are all made of high-impact, UV resistant polycarbonate
- Easy ordering – One part number equals one completely assembled enclosure
- Super easy use – mounting flanges integral, so no extra hardware needed
- Flexible interior Mounting – bosses on rear wall provide multiple mounting options for din rail, back panels, or other components
- Secure – Choose your level of protection: pad lockable or tamper tag capable
- Frequency Friendly – Available with absolutely no metals of any kind on the enclosure which is extremely favorable for sending and receiving signals

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

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



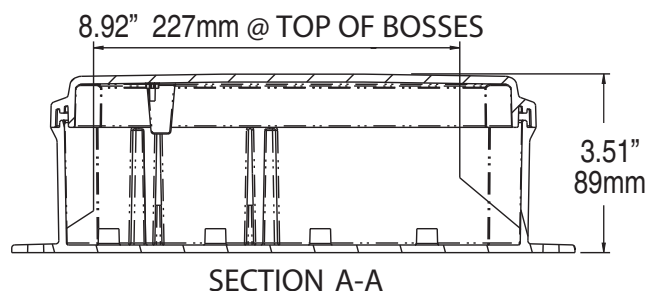
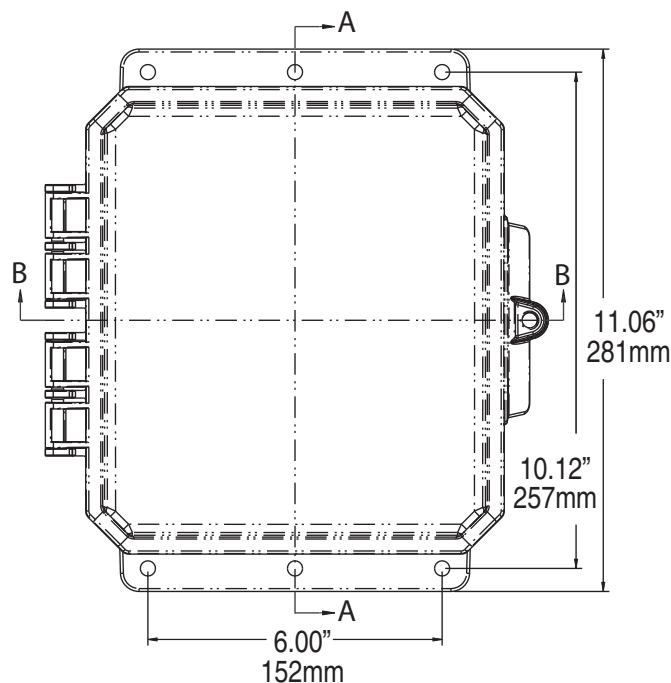
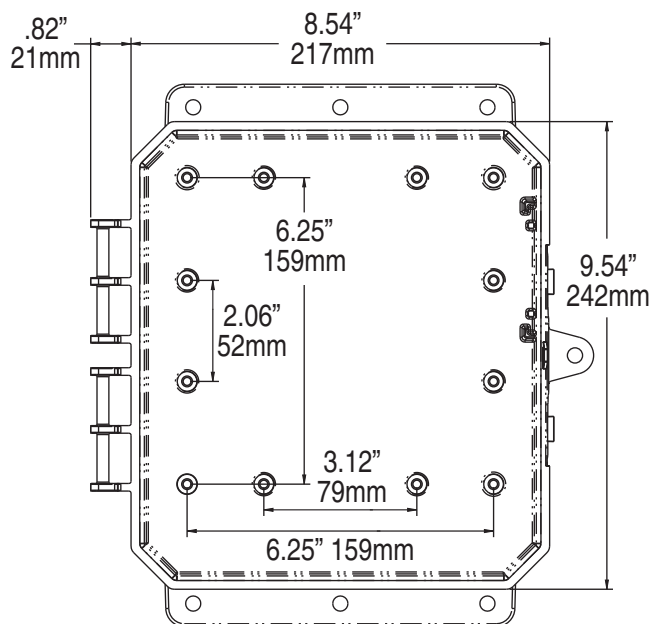
Atex pending, contact factory for details

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

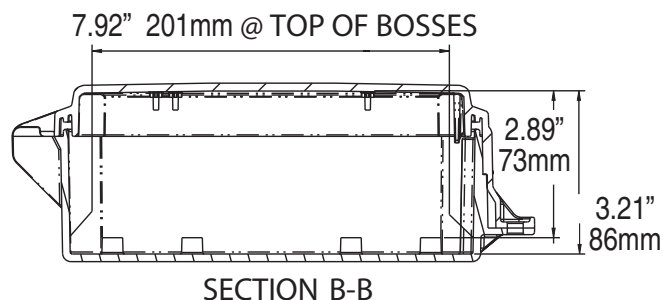
* Sold separately



9X8X2 IMPACT LINE



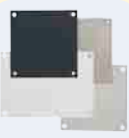
SECTION A-A



SECTION B-B

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Accessories for 9x8x2 Impact (For complete accessories, see page 43-44)



Back Panels

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



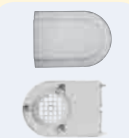
Din Rail

DIN 8 - 2 rails, 4 screws



Mounting Screws

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



Air Vents

Vent 1 - 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



Switch Plate

SP-21-SP

ENGINEERING PROPERTIES

Mechanical and Thermal	Test Spec.	Unit	Premium Line	Impact Line	PPO	ABS
Instrumented Dart Impact @ 73° F		in/lb.	565	565	97.20	n/a
Falling Ball/Impact @ 73° F	UL-746	in/lb.	900	900	300	250
Deflection Temperature @ 264 psi	ASTM D648	Deg. F	270	270	180	192
Modulus of Elasticity	ASTM D790	ksi	340	340	300	330
Temperature Range		Deg. F	-40 to 265	-40 to 265	-40 to 185	0 to 125
Flammable / UV Ratings	Test Spec.	Unit	Premium Line	Impact Line	JIC Line	Telecom Line
Flame Rating – UL	UL 94		V2	5VA	V-0	HB
Outdoor UV Exposure	UL		F1	F1	F1	F2
Electrical	Test Spec.	Unit	Premium Line	Impact Line	JIC Line	Telecom Line
Volume Resistivity	ASTM D257	ohm-cm	1.00E+17	1.00E+17	1.00E+17	1.00E+16
Dielectric Strength	ASTM D149	V/ML	380 in Air	380 in Oil	305 in Oil	350-450
Dielectric Constant	ASTM D150		3.170@60Hz	3.170@60Hz	2.20@1MHz	n/a

TAKE A CLOSER LOOK AT THE VERSATILITY OF INTEGRA.



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

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

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

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



PREMIUM LINE ACCESSORIES

	Part Number	Description	Size	Ct. Qty.
	MFKG	Mounting Feet Kit-Premium Line	n/a	1 EA
	MFKSS	Mounting Feet Kit-Stainless Steel	n/a	1 EA
	MFLK6	Mounting Flange Kit 6"	n/a	1 EA
	MFLK8	Mounting Flange Kit 8"	n/a	1 EA
	MFLK10	Mounting Flange Kit 10"	n/a	1 EA
	MFLK12	Mounting Flange Kit 12"	n/a	1 EA
	MFLK14	Mounting Flange Kit 14"	n/a	1 EA
	MFLK16	Mounting Flange Kit 16"	n/a	1 EA
	ABP66	Aluminum Panel for 6"x6" Enclosure	4.88"x4.88"	1 EA
	ABP86	Aluminum Panel for 8"x6" Enclosure	6.75"x4.88"	1 EA
	ABP88	Aluminum Panel for 8"x8" Enclosure	6.75"x6.75"	1 EA
	ABP108	Aluminum Panel for 10"x8"X4" or 6" Enclosure	8.75"x6.88"	1 EA
	ABP1082	Aluminum Panel for 10"x8"X2" Enclosure	8.75"x6.88"	1 EA
	ABP1210	Aluminum Panel for 12"x10" Enclosure	10.75"x8.88"	1 EA
	ABP1412	Aluminum Panel for 14"x12" Enclosure	12.75"x10.88"	1 EA
	ABP1614	Aluminum Panel for 16"x14" Enclosure	14.75"x12.88"	1 EA
	ABP1816	Aluminum Panel for 18"x16" Enclosure	16.75"x14.88"	1 EA
	SBP66	Steel Panel for 6"x6" Enclosure	4.88"x4.88"	1 EA
	SBP86	Steel Panel for 8"x6" Enclosure	6.75"x4.88"	1 EA
	SBP88	Steel Panel for 8"x8" Enclosure	6.75"x6.75"	1 EA
	SBP108	Steel Panel for 10"x8" Enclosure	8.75"x6.88"	1 EA
	SBP1210	Steel Panel for 12"x10" Enclosure	10.75"x8.88"	1 EA
	SBP1412	Steel Panel for 14"x12" Enclosure	12.75"x10.88"	1 EA
	SBP1614	Steel Panel for 16"x14" Enclosure	14.75"x12.88"	1 EA
	SBP1816	Steel Panel for 18"x16" Enclosure	16.75"x14.88"	1 EA
	PVCBP66	PVC Panel for 6"x6" Enclosure	4.88"x4.88"	1 EA
	PVCBP86	PVC Panel for 8"x6" Enclosure	6.75"x4.88"	1 EA
	PVCBP88	PVC Panel for 8"x8" Enclosure	6.75"x6.75"	1 EA
	PVCBP108	PVC Panel for 10"x8"X4" or 6" Enclosure	8.75"x6.88"	1 EA
	PVCBP1082	PVC Panel for 10"x8"X2" Enclosure	8.75"x6.88"	1 EA
	PVCBP1210	PVC Panel for 12"x10" Enclosure	10.75"x8.88"	1 EA
	PVCBP1412	PVC Panel for 14"x12" Enclosure	12.75"x10.88"	1 EA
	PVCBP1614	PVC Panel for 16"x14" Enclosure	14.75"x12.88"	1 EA
	PVCBP1816	PVC Panel for 18"x16" Enclosure	16.75"x14.88"	1 EA







PREMIUM LINE ACCESSORIES (CONT.)

Part Number		Description	Size	Ct. Qty.
Clear Replacement Covers - Includes Gasket, Cover Screws, and Hole Plugs				
	X66CSC-RPL	Clear Replacement Screw Cover w/Gasket	6"x6"	1 EA
	X66CHC-RPL	Clear Replacement Hinge Cover w/Gasket	6"x6"	1 EA
	X86CSC-RPL	Clear Replacement Screw Cover w/Gasket	8"x6"	1 EA
	X86CHC-RPL	Clear Replacement Hinge Cover w/Gasket	8"x6"	1 EA
	X88CSC-RPL	Clear Replacement Screw Cover w/Gasket	8"x8"	1 EA
	X88CHC-RPL	Clear Replacement Hinge Cover w/Gasket	8"x8"	1 EA
	X1008CSC-RPL	Clear Replacement Screw Cover w/Gasket	10"x8"	1 EA
	X1008CHC-RPL	Clear Replacement Hinge Cover w/Gasket	10"x8"	1 EA
	X1210CSC-RPL	Clear Replacement Screw Cover w/Gasket	12"x10"	1 EA
	X1210CHC-RPL	Clear Replacement Hinge Cover w/Gasket	12"x10"	1 EA
	X1412CSC-RPL	Clear Replacement Screw Cover w/Gasket	14"x12"	1 EA
	X1412CHC-RPL	Clear Replacement Hinge Cover w/Gasket	14"x12"	1 EA
	X1614CSC-RPL	Clear Replacement Screw Cover w/Gasket	16"x14"	1 EA
	X1614CHC-RPL	Clear Replacement Hinge Cover w/Gasket	16"x14"	1 EA
	X1816CHC-RPL	Clear Replacement Hinge Cover w/Gasket	18"x16"	1 EA
Premium Line Replacement Covers - Includes Gasket, Screws, and Hole Plugs				
	H66CSO-RPL	Replacement Screw Cover w/Gasket	6"x6"	1 EA
	H66CHO-RPL	Replacement Hinge Cover w/Gasket	6"x6"	1 EA
	H86CSO-RPL	Replacement Screw Cover w/Gasket	8"x6"	1 EA
	H86CHO-RPL	Replacement Hinge Cover w/Gasket	8"x6"	1 EA
	H88CSO-RPL	Replacement Screw Cover w/Gasket	8"x8"	1 EA
	H88CHO-RPL	Replacement Hinge Cover w/Gasket	8"x8"	1 EA
	H1008CSO-RPL	Replacement Screw Cover w/Gasket	10"x8"	1 EA
	H1008CHO-RPL	Replacement Hinge Cover w/Gasket	10"x8"	1 EA
	H1210CSO-RPL	Replacement Screw Cover w/Gasket	12"x10"	1 EA
	H1210CHO-RPL	Replacement Hinge Cover w/Gasket	12"x10"	1 EA
	H1412CSO-RPL	Replacement Screw Cover w/Gasket	14"x12"	1 EA
	H1412CHO-RPL	Replacement Hinge Cover w/Gasket	14"x12"	1 EA
	H1614CSO-RPL	Replacement Screw Cover w/Gasket	16"x14"	1 EA
	H1614CHO-RPL	Replacement Hinge Cover w/Gasket	16"x14"	1 EA
	H1816CSO-RPL	Replacement Screw Cover w/Gasket	18"x16"	1 EA
	H1816CHO-RPL	Replacement Hinge Cover w/Gasket	18"x16"	1 EA



PREMIUM LINE ACCESSORIES (CONT.)

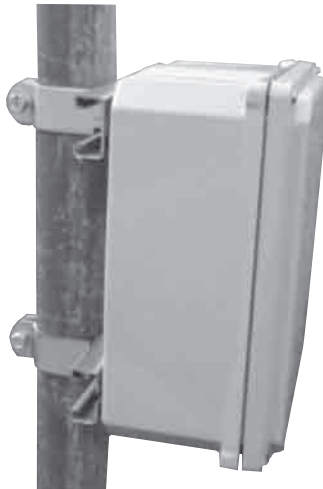
Part Number	Description	Ct. Qty.
Swing Panel Kit Hardware Only		
	This kit includes the two swing arm assemblies, two closure pads, and all hardware needed to assemble the system into any Integra Enclosure.	
	SOPK	Swing Panel Kit 1 EA
Aluminum Subpanels Pre-Drilled For SOPK (Four mounting screws included)		
	ABP-66SP	Panel for 6x6 Swing Kit 1 EA
	ABP-86SP	Panel for 8x6 Swing Kit 1 EA
	ABP-88SP	Panel for 8x8 Swing Kit 1 EA
	ABP-108SP	Panel for 10x8 Swing Kit 1 EA
	ABP-1210SP	Panel for 12x10 Swing Kit 1 EA
	ABP-1412SP	Panel for 14x12 Swing Kit 1 EA
	ABP-1614SP	Panel for 16x14 Swing Kit 1 EA
Complete Kits Including One Panel and All Hardware Needed to Install Swing Door		
	ABP-66SP/SOPK	Swing Panel Kit for 6x6 1 EA
	ABP-86SP/SOPK	Swing Panel Kit for 8x6 1 EA
	ABP-88SP/SOPK	Swing Panel Kit for 8x8 1 EA
	ABP-108SP/SOPK	Swing Panel Kit for 10x8 1 EA
	ABP-1210SP/SOPK	Swing Panel Kit for 12x10 1 EA
	ABP-1412SP/SOPK	Swing Panel Kit for 14x12 1 EA
	ABP-1614SP/SOPK	Swing Panel Kit for 16x14 1 EA
	ABP-1816SP/SOPK	Swing Panel Kit for 18x16 1 EA
Miscellaneous Accessories		
	BPAKB	Back Panel Adjustment Kit-Black 1 EA
	BPAKG	Back Panel Adjustment Kit-Grey 1 EA
	DIN6	DIN Rail Kit 6" (2 rails, 4 screws) 1 EA
	DIN8	DIN Rail Kit 8" (2 rails, 4 screws) 1 EA
	DIN10	DIN Rail Kit 10" (2 rails, 2 screws) 1 EA
	DIN12	DIN Rail Kit 12" (2 rails, 4 screws) 1 EA
	DIN14	DIN Rail Kit 14" (2 rails, 4 screws) 1 EA
	DIN16	DIN Rail Kit 16" (2 rails, 4 screws) 1 EA
	SP-10	Screw Pack (for mounting to bosses, 10) 1 EA
	SSLL-KIT	Stainless Steel Locking Latch Kit 1 EA
	Cat 60 Lock	Cat 60 Lock 1 EA
	Cat 90 Lock	Cat 90 Lock 1 EA
	Vent 1	Aluminum Louvered 1 EA
	Vent 2	Outdoor Labyrinth 1 EA

PREMIUM LINE ACCESSORIES (CONT.)

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


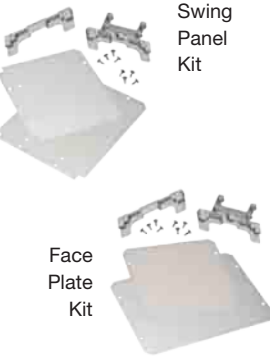



Features and Benefits

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







IMPACT SERIES ACCESSORIES

	Part Number	Description	Size	Ct. Qty.
	DIN6-IMP	DIN Rail Kit 6" (2 rails, 4 tapping screws)		1 EA
	DIN8-IMP	DIN Rail Kit 8" (2 rails, 4 tapping screws)		1 EA
	SP-21-SP-IMP	P9082 (C) Switch Plate		1 EA
	SP-8	Screw Pack (10 pcs) (For Impact line except P9082(C) bosses)		1 EA
	SP-10	Screw Pack (10 pcs) (For Impact P9082(C) bosses)		1 EA
	ASWPK66-IMP	Complete Aluminum Swing Panel Kit, includes SOPK-IMP	6"x6"	1 EA
	ASWPK86-IMP	Complete Aluminum Swing Panel Kit, includes SOPK-IMP	8"x6"	1 EA
	ASWP66-IMP	Aluminum Swing Panel for Impact 6"x6" Enclosure	4.88"x4.88"	1 EA
	ASWP86-IMP	Aluminum Swing Panel for Impact 8"x6" Enclosure	6.75"x4.88"	1 EA
	SOPK-IMP	2 Ridget Brackets, 1 Pivot Bracket & 8 Self-Tapping Screws		1 EA
	AFPK66-IMP	Complete Face Plate Kit, includes Aluminum Plate and SOPK-IMP	6"x6"	1 EA
	AFPK86-IMP	Complete Face Plate Kit, includes Aluminum Plate and SOPK-IMP	8"x6"	1 EA
	AFP66-IMP	Aluminum face plate for 6"x6" Enclosure	6"x6"	1 EA
	ABP66-IMP	Aluminum Back Panel for Impact 6"x6" Enclosure	4.88"x4.88"	1 EA
	ABP86-IMP	Aluminum Back Panel for Impact 8"x6" Enclosure	6.75"x4.88"	1 EA
	ABP98-IMP	Aluminum Back Panel for Impact 9"x8" Enclosure	6.75"x6.75"	1 EA
	SBP66-IMP	Steel Back Panel for Impact 6"x6" Enclosure	4.88"x4.88"	1 EA
	SBP86-IMP	Steel Back Panel for Impact 8"x6" Enclosure	6.75"x4.88"	1 EA
	SBP98-IMP	Steel back Panel for Impact 9"x8" Enclosure	6.75"x6.75"	1 EA
	PVCBP66-IMP	PVC Panel for Impact 6"x6" Enclosure	4.88"x4.88"	1 EA
	PVCBP86-IMP	PVC Panel for Impact 8"x6" Enclosure	6.75"x4.88"	1 EA
	PVCBP98-IMP	PVC Panel for Impact 9"x8" Enclosure	6.75"x6.75"	1 EA



IMPACT SERIES ACCESSORIES (CONT.)

	Part Number	Description	Size	Ct. Qty.
	P606-RPL	Integrated Latch Cover w/Gasket	6"x6"	1 EA
	P606LL-RPL	Locking Latch Standard Hinge Cover	6"x6"	1 EA
	P606LP-RPL	Integrated Latch Low Profile Hinge Cover	6"x6"	1 EA
	P606LP LL-RPL	Low Profile Hinge/Latch Hasp/ Cover w/Gasket	6"x6"	1 EA
	P806-RPL	Integrated Latch Cover w/Gasket	8"x6"	1 EA
	P806LL-RPL	Locking Latch Standard Hinge Cover	8"x6"	1 EA
	P806LP-RPL	Integrated Latch Low Profile Hinge Cover	8"x6"	1 EA
	P806LP LL-RPL	Low Profile Hinge/Latch Hasp/ Cover w/Gasket	8"x6"	1 EA
	P908-RPL	Integrated Locking Latch	9"x8"	1 EA
	X606C-RPL	Integrated Latch Clear Cover w/Gasket	6"x6"	1 EA
	X606CLL-RPL	Locking Latch Standard Hinge Clear Cover	6"x6"	1 EA
	X606CLP-RPL	Integrated Latch Low Profile Hinge Clear Cover	6"x6"	1 EA
	X606CLP LL-RPL	Low Profile Hinge/Latch Hasp/ Clear Cover w/Gasket	6"x6"	1 EA
	X806C-RPL	Integrated Latch Clear Cover w/Gasket	8"x6"	1 EA
	X806CLL-RPL	Locking Latch Standard Hinge Clear Cover	8"x6"	1 EA
	X806CLP-RPL	Integrated Latch Low Profile Hinge Clear Cover	8"x6"	1 EA
	X806CLP LL-RPL	Low Profile Hinge/Latch Hasp/ Clear Cover w/Gasket	8"x6"	1 EA
	X908C-RPL	Integrated Locking Latch Clear Cover	9"x8"	1 EA
Pole Mounting Kits - Impact				
	PMKG-26-IMP	For 6" Enclosure -2" pole	Features and Benefits These kits contain all galvanized steel components and zinc-plated steel fasteners, designed to securely fasten your Integra enclosure to a metal pole	1 EA
	PMKG-28-IMP	For 8" Enclosure -2" pole		1 EA
	PMKG-36-IMP	For 6" Enclosure -3" pole		1 EA
	PMKG-38-IMP	For 8" Enclosure -3" pole		1 EA
	PMKG-46-IMP	For 6" Enclosure - 4" pole		1 EA
	PMKG-48-IMP	For 8" Enclosure - 4" pole		1 EA
	PMKG-128-IMP	For 8" Enclosure - 10 to 12" pole		1 EA
	CAMKG-610-IMP	6" Cross Arm Pole Mount Kit for P9082		1 EA
Cord Grips			Hole Die.	
	CG-LTF7	PC Hub Cord Grip with Lock Nut (.177-.256)	0.500	10
	CG-LTF9	PC Hub Cord Grip with Lock Nut (.197-.315)	0.598	10
	CG-LTF11	PC Hub Cord Grip with Lock Nut (.217-.394)	0.732	10
	CG-LTF13.5	PC Hub Cord Grip with Lock Nut (.213-.472)	0.803	10
	CG-LTF16	PC Hub Cord Grip with Lock Nut (.315-.551)	0.886	5
	CG-LTF21	PC Hub Cord Grip with Lock Nut (.472-.709)	1.114	5
	CG-LTF29	PC Hub Cord Grip with Lock Nut (.669-.984)	1.456	5
	CG-NPT3/8	NPT Cord Grip with Lock Nut (.197-.315)	0.688	10
	CG-NPT1/2	NPT Cord Grip with Lock Nut (.236-.472)	0.875	10
	CG-NPT3/4	NPT Cord Grip with Lock Nut (.433-.709)	1.094	5
	CG-NPT1	NPT Cord Grip with Lock Nut (.669-.984)	1.456	5

Features and Benefits

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

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

EXCLUSIVELY AVAILABLE ON THE IMPACT 6X6X3 AND 8X6X3 ENCLOSURES

BENEFITS OF SWING PANEL AND FACE PLATE SYSTEM

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

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

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



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

IMPACT FACE PLATE KIT ASSEMBLY



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

FACE PLATE System

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

IMPACT SWING PANEL KIT ASSEMBLY



SWING PANEL System

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



ABOUT INTEGRA ENCLOSURES

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



FREQUENTLY ASKED QUESTIONS (FAQ'S)

Q: What is included with a standard Integra enclosure?

A: Each enclosure is shipped assembled with the base, cover with the gasket installed with four threaded inserts on the back of the base, four for cover attachment, and four for back panel attachment. Also included is a packet with four mounting feet and four mounting feet screws.

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

A: Yes. All Integra enclosures are NEMA 4X. As opposed to many competitors' products, Integra enclosures are 4X with latches only or with two screws (in the case of a hinged cover).

Q: What colors are available?

A: Standard colors are matte grey for the JIC Line, semi-gloss black for the Telecom Line, and gloss grey for the Premium Line. Custom molded color is available. Call for a quote.

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

A: Premium Line and JIC Line enclosures are listed as UL-50, Cabinet and Cutout Boxes. Our file number is E207562. Per UL, UL-50 is a more stringent standard than UL-508, which is widely referenced by other manufacturers. Integra is also C-UL Listed for use in Canada and we are Marine Listed for coastal or marine applications.

Q: I notice that the covers and sidewalls are not flat. Why is that, and does the shape preclude the installation of hubs and components?

A: The covers and sidewalls of all Integra enclosures are slightly convex. This was done to ensure that the covers and the base will resist warping, which is a problem that plagues non-metallic "flat" enclosures. A warped cover or base will not seal properly, and watertightness fails as a result. Another benefit of the shaping is to provide a stronger box. Therefore standard hubs and components can be installed and seated on the surfaces of the enclosure, using standard gaskets.

Q: Are modifications available?

A: Yes, modifications such as machined holes or slots are available. Integra can also provide latch installation, DIN-rail installation, or back panel installation. We can also provide EMI/RFI shielding. Please contact us with your requirements.

Q: Are back panels available from Integra?

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

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

A: Probably not. All Integra enclosures feature molded-in mounting bosses on the bottom of the enclosure at intervals of approximately 1 inch, located around the entire perimeter of the enclosure. This allows you to install DIN rails at virtually any location, avoiding the need and expense of a back panel.

Q: How does the Integra Back Panel Adjustment System work?

A: The Integra Back Panel Adjustment System consists of four mounting pads that slide on T-shaped rails molded into the four corners of the enclosure base. The mounting pads, which are provided with brass threaded inserts for panel attachment, are held in place by inserting a set screw. The set screw, which can be adjusted with the back panel in place, is inserted into a channel in the mounting pad which causes the set screw to engage with the T-rail, providing a positive attachment. The kit includes four mounting pads, eight set screws, an allen wrench, four back panel attachment screws, and an instruction sheet. (PN's BPAKG and BPAKB)



FAQ'S (CONT.)

Q: What are the advantages of the Integra product over the fiberglass product I am buying now?

A: There are several important advantages:

1. The engineered thermoplastic enclosure has dramatically better impact resistance. For example, the Premium Line enclosure has an impact resistance of over 900 lb/in, while fiberglass typically has an impact resistance of less than 220 lb/in.
2. Thermoplastic enclosures are available with a clear cover. For a fiberglass product, an expensive and potentially leaky window installation is required.
3. Thermoplastic enclosures feature a 100% non-metallic hinge design. Fiberglass products normally feature a steel hinge pin that will eventually corrode.
4. Thermoplastic enclosures tend to offer more features inside the enclosure to support component installation. For example, fiberglass products tend to have only four mounting bosses on the base of the box. Integra products feature those same four mounting bosses, plus molded-in mounting bosses surrounding the perimeter of the enclosure (see the DIN-rail comment above). Integra also offers the patented Back Panel Adjustment System, which eliminates the need for expensive stand-offs or allows the installation of multiple panels.
5. Thermoplastic enclosures are much easier and safer to machine, with none of the dust and splintering associated with fiberglass.
6. Fiberglass enclosures will “bloom” when exposed to sunlight. In fact, manufacturers of FRP enclosures recommend painting their products. This is not necessary with Integra thermoplastic enclosures.

Q: How are thermoplastics better than steel?

A: Steel is the industry standard at this point in time, but we see that changing for the following reasons.

1. Thermoplastics are non-corrosive. A steel box will eventually rust.
2. Thermoplastics are non-conductive. This eliminates a shock hazard.
3. Thermoplastics are lighter. This is important in instrumentation or robotic applications.
4. Steel boxes do not offer many mounting options. A thermoplastic, like the Integra product, offers many mounting options molded right into the box.
5. Steel enclosures require a window kit if you want a clear cover. Thermoplastics do not require a window kit.
6. If you want NEMA 4 or 4X, steel enclosures are extremely expensive. A thermoplastic enclosure can provide NEMA 4X at half the price.

Q: What if I buy an opaque cover enclosure and decide later that I really want a clear cover?

A: You can order clear covers, with gaskets installed, and easily replace it in the field.

Q: What about modifications?

A: Contact us for more information and a quote. Also, we do have our CAD drawings downloadable from our website. Use those to define the shape and location of your modifications and e-mail that to us at sales@integraenclosures.com.

Q: I notice that the enclosures are not metric. Why not, and how do you address this concern?

A: Integra provides “dual-dimension” data for our line of enclosures. Also, note that our “DIN rail friendly” design speaks directly to the need for European-designed components and the spreading use of DIN rail mounted components.

Q: Can Integra enclosure products be mounted underwater or underground?

A: Integra's screw-closed configurations, including the hinged versions as well as the non-hinged versions, are now UL-Type 6P rated when the four provided attachment screws are used.



NEMA / UL-50 TYPE RATINGS

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

Type 1 – Intended for indoor use primarily to provide a degree of protection against limited amounts of falling dirt.

Type 2 – Intended for indoor use primarily to provide a degree of protection against limited amounts of falling water and dirt.

Type 3 – Intended for outdoor use primarily to provide a degree of protection against rain, sleet, wind blown dust, and damage from external ice formation.

Type 3R – Intended for outdoor use primarily to provide a degree of protection against rain, sleet, and damage from external ice formation.

Type 3S – Intended for use primarily to provide a degree of protection against rain, sleet, windblown dust and to provide for operation of external mechanisms when ice laden.

Type 4 – Intended for indoor or outdoor use primarily to provide a degree of protection against windblown dust and rain, splashing water, hose-directed water, and damage from external ice formation.

Type 4X – Intended for indoor or outdoor use primarily to provide a degree of protection against corrosion, windblown dust and rain, splashing water, hose-directed water, and damage from external ice formation.

Type 5 – Intended for indoor use primarily to provide a degree of protection against settling airborne dust, falling dirt, and dripping non-corrosive liquids.

Type 6 – Intended for indoor or outdoor use primarily to provide a degree of protection against hose-directed water, and the entry of water during occasional temporary submersion at a limited depth and damage from external ice formation.

Type 6P – Intended for indoor or outdoor use primarily to provide a degree of protection against hose-directed water, the entry of water during prolonged submersion at a limited depth and damage from external ice formation.

Type 12/12K – Intended for indoor use primarily to provide a degree of protection against circulating dust, falling dirt, and dripping non-corrosive liquids.

Type 13 – Intended for indoor use primarily to provide a degree of protection against dust, spraying of water, oil, and noncorrosive coolants.

Marine Use – For use in or around marine and coastal environments to provide a degree of protection from corrosion, rain, dust, splashing and hose-directed water, and damage from external ice formation.



TECHNICAL INFORMATION

Chemical Resistance

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

S = Satisfactory and completely unaffected M = Moderate resistance, surface change in glass but properties remain
L = Limited resistance/some chemical attack over time. Exposure should be limited to occasional fumes or light splashing
U = Unsatisfactory. Severe attack in a short time

Chemical	(Polycarbonate) Premium Line	(ABS) Line	(Modified PPO)	Polyester Glass	Stainless Steel	Steel
Acetic Acid (10%)	S	L	S	S	U	U
Acetone	U	U	U	U	S	S
Aluminum Chloride (10%)	S	S	S	S	S	U
Aluminum Sulfate (10%)	S	S	S	S	S	U
Ammonia Gas			U	L	S	S
Ammonium Chloride	S	S	S	L	M	S
Ammonium Hydroxide (10%)	U	M	M	L	S	U
Ammonium Nitrate (10%)	U		S	L	S	S
Ammonium Phosphate (10%)	S	S	S	S	S	U
Ammonium sulfate		S	S	S	M	U
ASTM #1 Oil	M	L	S		S	S
ASTM #3 Oil	M	L	S		S	S
Axle Grease	M	L	S		S	S
Boric Acid (10%)	S	S	S	S	S	U
Calcium Chloride (10%)	S	M	S	S	L	L
Calcium Hydroxide (10%)	S		S	U	M	S
Carbolic Acid (25%) Phenol	U	U		L	M	U
Carbon Tetrachloride	U	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	S	M	U
Citric Acid (10%)	S	U	S	S	S	U
Copper Sulfate					M	U
Cutting Fluid (Norton 205)	S	L			S	S
Ethyl Alcohol	M	M	S	M	S	S
Ethylene Glycol	S	S	S	S	S	S
Ferric Chloride	S	S	S	S	U	U
Formaldehyde		S	S	S	S	S
Formic Acid	S	M	M	L	S	U



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



TERMS AND CONDITIONS OF SALE

1. Orders become effective only when accepted and approved by Integra. Integra's acceptance is expressly made conditional on the Customer's assent to the terms and conditions contained herein and to the terms and conditions of any proposal issued by Integra to the Customer, and Integra agrees to furnish the material covered by the order only upon such terms and conditions. Any of the terms or provisions of the Customer's order which are inconsistent with the terms and provisions contained herein are not agreed to by Integra and shall not be binding on Integra and shall not be considered applicable to the sale or shipment of the materials ordered.

2. There shall be a minimum order amount of \$50.00 exclusive of freight.

3. Orders, shipments, and terms of payment are subject to the approval of Integra's Credit Department. Invoices shall be rendered when the materials are shipped. Terms of payment are net 30 days unless otherwise agreed by Integra. Interest may be charged on overdue accounts at the rate of 1.5% per month. Accounts that exceed 60 days may be placed on C.O.D. status at the discretion of Integra. Accounts that exceed 120 days shall be placed for collection. Payments shall be made to Integra Enclosures, P. O. Box 1870, Mentor, Ohio 44061-1870.

4. Materials are sold FOB our plant and title shall pass upon delivery to the carrier. Integra is not responsible for any loss or damage incurred in transit and any claim must be made by the Customer. Integra shall assist in the filing of any claim, at the request of the Customer.

5. Shipment dates are given based on current inventories and production plans. However, Integra shall not be responsible for any partial or total failure to deliver or for any delay incurred caused by accidents, delays in transportation, fires, explosions, floods, earthquakes, or other acts of nature, riots, strikes, or other causes beyond Integra's reasonable control.

6. Orders for non-standard materials, such as modified product, are not cancelable and not returnable without Integra's prior consent. Should consent be given, Integra reserves the right to recover all direct costs incurred as a result of the cancellation.

7. Returns of compliant materials may be returned at the customers request only upon the approval of Integra. Materials must be in re-sellable condition and in their original packaging. Returns not accompanied by a new order of greater or equal value shall be subject to a restocking fee of 25 percent of the original sale price.

8. INTEGRA WARRANTS THAT THE MATERIALS SOLD TO THE CUSTOMER ARE FREE FROM DEFECTS IN MATERIAL AND WORKMANSHIP AT THE TIME OF SHIPMENT. THE CUSTOMER SHALL NOTIFY INTEGRA IN WRITING WITHIN 30 DAYS OF RECEIPT FOR ANY CLAIMED DEFECTS OR NON-CONFORMING MATERIALS.

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

9. Should any clause of this agreement be held unenforceable or unlawful, it is agreed that the clause in question shall be modified so as to eliminate the unenforceable element and as so modified, shall be binding on the parties. The remaining clauses and provisions shall not be affected.

10. Any assistance, suggestions, or technical advice given the Customer by Integra or any agent thereof, concerning dimensions, handling, installation, testing, storage, use or placement in service is an accommodation for which Integra shall have no liability unless expressly provided by Integra in writing and signed by an officer of the company.

11. This agreement is complete and contains the entire contract between the parties, and may not be modified except in writing by both parties. No employee, agent, or representative of Integra has the authority or power to add, waive, or amend this contract unless first authorized in writing by an officer of Integra. This agreement shall be construed under the laws of the State of Ohio. Waiver of Integra of any breach shall not thereafter be deemed a waiver of a subsequent breach of the same of any other provision hereof.



