ECO FRIENDLY

MADE IN THE USA

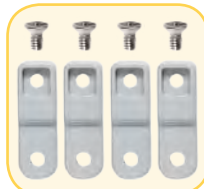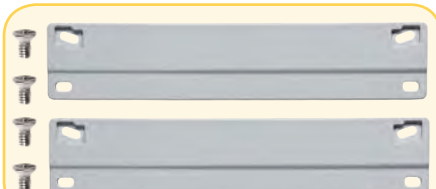** This size also available in low profile hinge. Call Integra for more details.*

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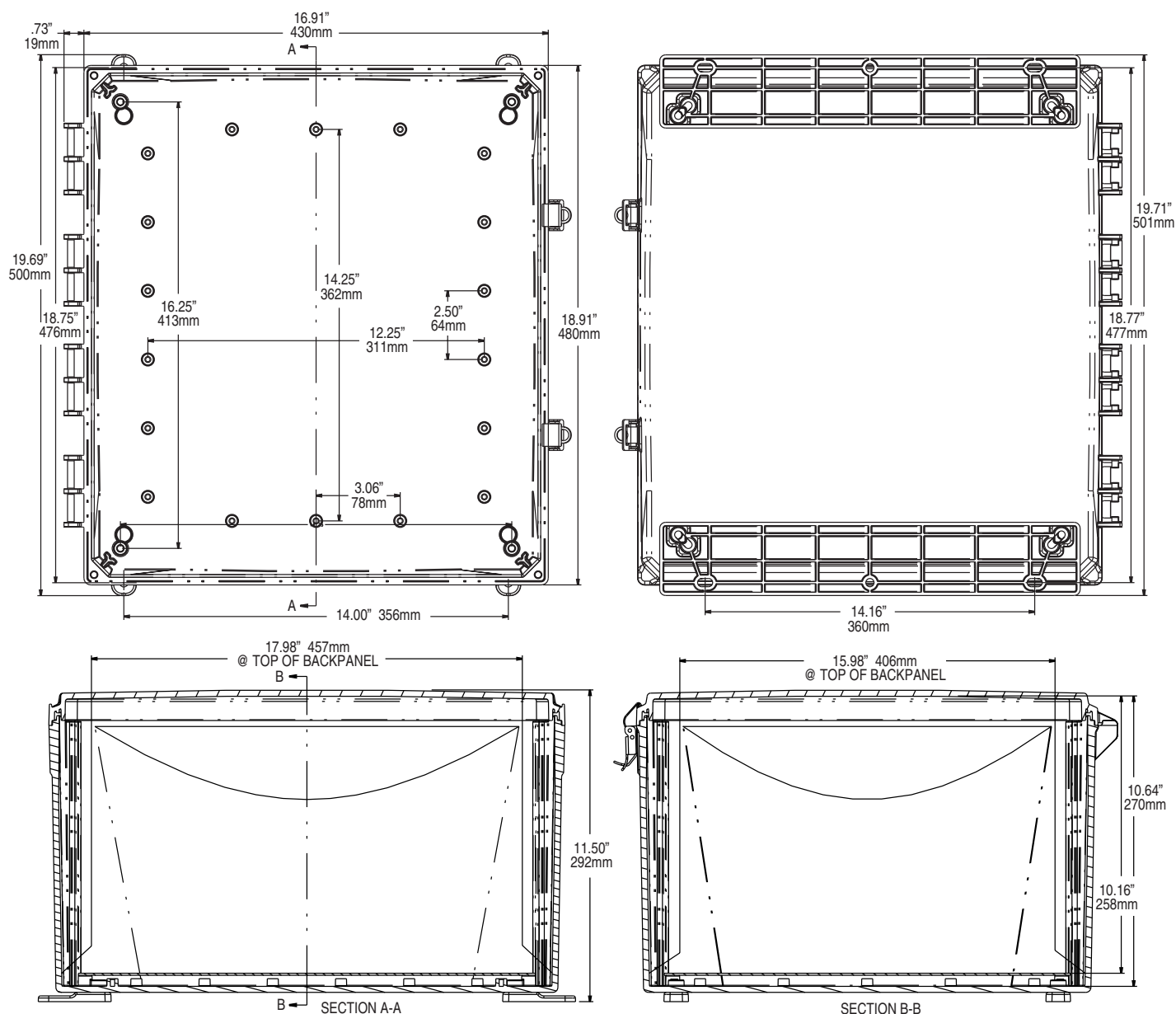
Mechanical and Thermal	Test Spec.	Unit	Premium Line
Instrumented Dart Impact @ 73° F		in/lb.	565
Falling Ball Impact @ 73° F	UL-746	in/lb.	900
Deflection Temperature @ 264 psi	ASTM D648	Deg. F	270
Modulus of Elasticity	ASTM D790	ksi	340
Temperature Range		Deg. F	-40 to 265
Flammable / UV Ratings	Test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

181610 P/N	4X IP66	6P IP68	Hinged Cover	Screw Cover	Opaque Cover	Clear Cover	Mounting Feet	Mounting Flange	Stainless Steel Locking Latch	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 10 in. lbs.

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Courtesy of Steven Engineering, Inc. - 230 Ryan Way, South San Francisco, CA 94080-5370
Main Office: (650) 588-9200 - Outside Local Area: (800) 258-9200 - www.stevenengineering.com

Dimensions

- .73" / 19mm
- 16.91" / 430mm
- 19.69" / 500mm
- 18.75" / 476mm
- 16.25" / 413mm
- 14.25" / 362mm
- 12.25" / 311mm
- 2.50" / 64mm
- 18.91" / 480mm
- 3.06" / 78mm
- 14.00" 356mm
- 19.71" / 501mm
- 18.77" / 477mm
- 14.16" / 360mm
- 17.98" 457mm @ TOP OF BACKPANEL
- 11.50" / 292mm
- 15.98" 406mm @ TOP OF BACKPANEL
- 10.64" / 270mm
- 10.16" / 258mm

SECTION A-A

SECTION B-B

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.

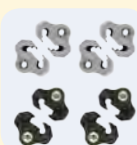## Accessories for 18x16x10 (For complete accessories, see page 49-52)

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 / Fan Shrouds
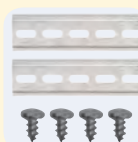VENT 1 - Aluminum louvered
VENT 2 - Outdoor labyrinth
FS KIT – 1
FS KIT – 2

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

TF: 800.398.3122 ■ T: 440.269.4966 ■ F: 440.269.4977 ■ www.integraenclosures.com
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