NEW!

AttaBox

Heartland SL™ Low-Profile Polycarbonate Enclosures

ALL THE MOUNTING SPACE, WITHOUT THE ADDED DEPTH!

Get the most out of your installation space with AttaBox Heartland SL! Tough, industrial strength enclosures designed for OEMs and installers with low-profile installation requirements. Ideal for use on building exteriors and in tight spaces, they protect equipment and optimize depth while maintaining a traditional footprint!

MARKETS AND INDUSTRIES:

→ Ideal for non-hazardous industrial and commercial applications where space is a premium.

→ Low-profile enclosure optimizes the installation and protection of network components (routers and switches) in harsh conditions.

→ Well-suited for electrical control, wireless communications, measurement, monitoring, and security applications with minimal-depth equipment.
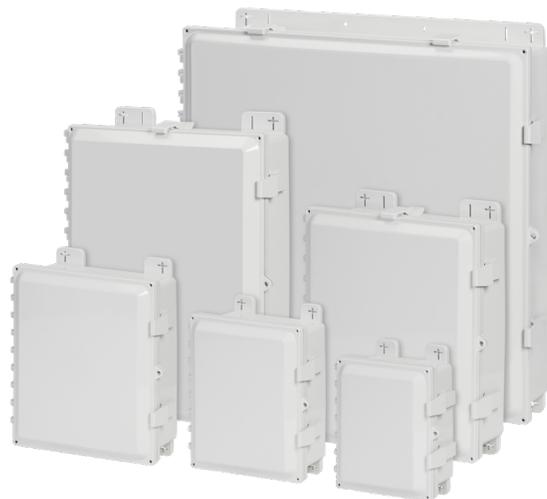
INNOVATION

Innovative, low-profile design, industry standard height/width

Robust, smooth side walls

Aesthetic, low-profile design

Installation flexibility, added DIN rail embosses, multiple mounting hole positions

VALUE

Saves space, eliminates unneeded depth, reduces material cost

Long dependable product life, maxmimum fitting mounting space

Offers a clean look for brand promotion in areas of high visibility

Reduces need for costly on-site modification, back panel material cost

Heartland SL™ Low-Profile Enclosures

are ideally suited for:

RUGGED APPLICATIONS REQUIRING ENCLOSURE STRENGTH

Over 40% stronger than the competition*, AttaBox's thick, robust side walls eliminate flexing. Heavy-duty and durable, they are produced from a polycarbonate material formulation which provides high-impact resistance and dimensional stability. Our enclosures are popular and reliable in industrial and manufacturing applications within continuously demanding environments.

Results of independent testing conducted with off-the-shelf competitive polycarbonate enclosures

APPLICATIONS WITH LIKELY NEED FOR IMPACT RESISTANCE

Metal enclosures are vulnerable to denting upon impact, which, along with aesthetic concerns, can compromise the integrity of the seal that protects everything housed within the enclosure. Although AttaBox polycarbonate has a lighter weight than other materials, it boasts a higher impact resistance.

APPLICATIONS REQUIRING CORROSION RESISTANCE

AttaBox polycarbonate enclosures are available with full non-metallic or stainless steel cover latches and full non-metallic hinges that don't penetrate the enclosure and meet NEMA Type 4X requirements, which specifies an increased level of protection from corrosion. Because of this, we meet the demands of diverse industries from oil and gas to carwashes to marine environments.

APPLICATIONS WHERE EASE OF MODIFICATIONS IS IMPORTANT

AttaBox polycarbonate enclosures are easy to modify using standard tools for cutting holes, windows, vents, and drains. They cut cleanly without dust and resist delamination. Our ModRight program offers value-add factory design, engineering, and modification to help customers solve demanding product application challenges.

APPLICATIONS USING WIRELESS TECHNOLOGY

AttaBox polycarbonate enclosures are ideal for protecting wireless technology because they allow wireless and radio frequency signals to pass unobstructed through the enclosure. This allows you to have the antennas inside of the enclosure. Additionally, there is the option to block EMI/RFI frequencies if needed, giving you more flexibility than metal enclosures.
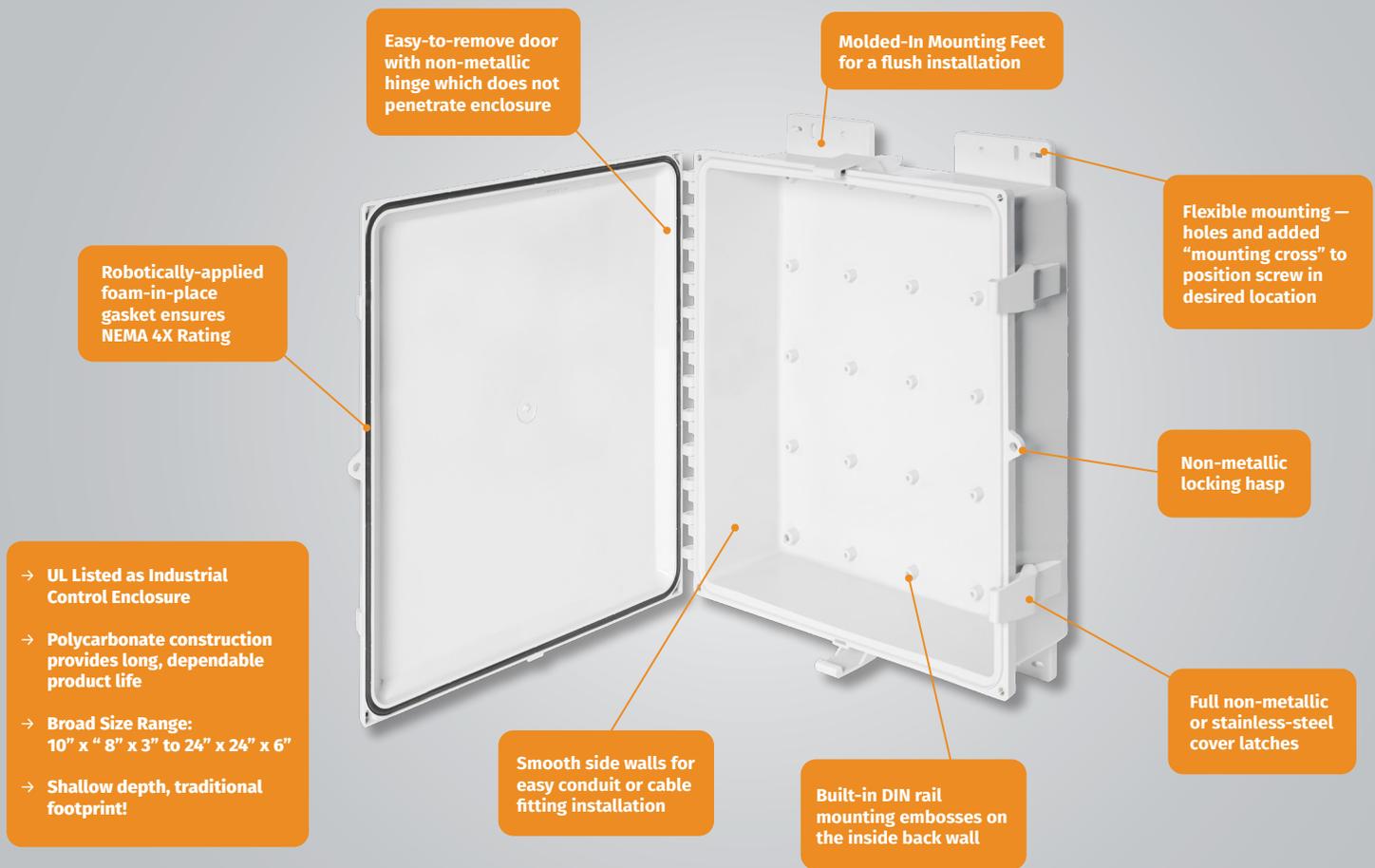
APPLICATIONS WHERE INSTALLATION AND LABOR ARE CHALLENGES

Polycarbonate, compared with metal enclosures, is lightweight, making it easier and quicker to install; thereby being of value in overall cost reduction.

APPLICATIONS WHERE UV RESISTANCE IS IMPORTANT

Because of natural resistance to UV degradation, polycarbonate enclosures can weather the passage of time even in harsh exterior applications. AttaBox polycarbonate enclosures carry an f1 rating for outdoor use per UL 746C.

Callouts (product diagram)

Easy-to-remove door with non-metallic hinge which does not penetrate enclosure

Molded-In Mounting Feet for a flush installation

Robotically-applied foam-in-place gasket ensures NEMA 4X Rating

Flexible mounting — holes and added "mounting cross" to position screw in desired location

Non-metallic locking hasp

→ UL Listed as Industrial Control Enclosure

→ Polycarbonate construction provides long, dependable product life

→ Broad Size Range: 10" x " 8" x 3" to 24" x 24" x 6"

→ Shallow depth, traditional footprint!

Smooth side walls for easy conduit or cable fitting installation

Built-in DIN rail mounting embosses on the inside back wall

Full non-metallic or stainless-steel cover latches

INNOVATIVE FEATURES:

→ Available in 7 sizes from 10" x 8" x 3" to 24" x 24" x 6"

→ One enclosure, one solution - can be configured as hinged/screw cover or hinged/latched cover

→ Lightweight, high-Impact rated, UV resistant polycarbonate material construction

→ Nonmetallic hinge does not penetrate inside enclosure

→ Thick, robust side wall construction eliminates side wall flexing

→ Built-in DIN Rail mounting embosses in the back of the enclosure

→ ABS Back panel option to optimize wireless signal transmission

→ Shallow design is ideal for low profile applications and equipment

→ Latch options – fully non-metallic or stainless steel

→ Clear or Opaque cover options

→ Stainless Steel hardware included

→ Larger sizes are compatible with AttaBox SolarShield HMI Cover

Back panels available in ABS material to optimize wireless signal transmission

Optional ABS back panel

RATINGS AND LISTINGS:

→ Operating Temperature Rating: -40°F to +248°F (-40°C to +120°C)

→ UL's best rating, Outdoor Exposure, an "f1" per UL 746C (resin has passed tests for UV exposure and water immersion)

→ cULus listed per file #E319779 Type 1, 3R, 4, 4X, 6P*, 12

→ UL50, UL50e, UL508A

→ IEC 60529: UL Listed per file #E362920 IP66, IP68*

→ Certifications and Compliance: cULus, CE, REACH, and RoHS

Restrictions apply. Consult factory for more information.

MATERIALS:

→ **Enclosure:** Polycarbonate with UV inhibitors

→ **Latches:** available in either Polycarbonate or Stainless Steel
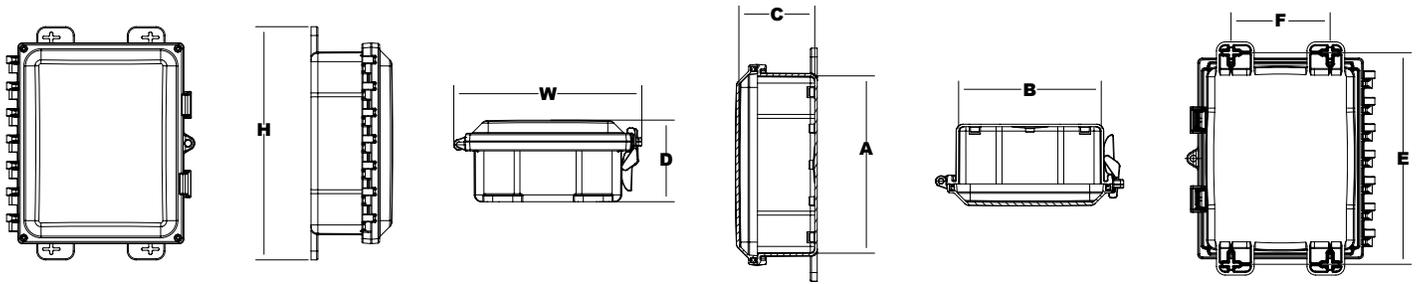
→ **Hardware:** Stainless Steel

CATALOG NUMBERS AND DIMENSIONS:

All dimensions listed in inches.

Heartland SL Low-Profile Polycarbonate Enclosures

ENCLOSURE SIZE	OPAQUE COVER CATALOG #	CLEAR COVER CATALOG #	OPAQUE COVER WITH STAINLESS STEEL LATCHES CATALOG #	CLEAR COVER WITH STAINLESS STEEL LATCHES CATALOG #	BACK PANEL CATALOG #
10 x 8 x 3	AH1083	AH1083C	AH1083SS	AH1083CSS	BP108*
12 x 10 x 4	AH12104	AH12104C	AH12104SS	AH12104CSS	BP1210*
14 x 12 x 4	AH14124	AH14124C	AH14124SS	AH14124CSS	BP1412*
16 x 14 x 4	AH16144	AH16144C	AH16144SS	AH16144CSS	BP1614*
18 x 16 x 4	AH18164	AH18164C	AH18164SS	AH18164CSS	BP1816*
20 x 16 x 4	AH20164	AH20164C	AH20164SS	AH20164CSS	BP2016*
24 x 24 x 6	AH24246	AH24246C	AH24246SS	AH24246CSS	BP2424*

Add suffix for material desired: A = aluminum, CS = carbon steel, ABS = ABS material

In-Depth Dimensions

ENCLOSURE SIZE	OVERALL H x W x D	INSIDE A x B x C	MOUNTING FEET E X F
10 x 8 x 3	13.25 x 10.68 x 4.64	10.07 x 8.10 x 4.31	12.03 x 5.63
12 x 10 x 4	15.25 x 12.68 x 5.38	12.09 x 10.09 x 5.05	14.03 x 7.63
14 x 12 x 4	16.88 x 14.68 x 5.39	14.09 x 12.06 x 5.20	16.03 x 9.63
16 x 14 x 4	19.25 x 16.68 x 5.35	16.15 x 14.15 x 5.07	18.03 x 11.63 / 18.03 x 8*
18 x 16 x 4	21.75 x 18.68 x 5.41	18.15 x 16.15 x 5.08	20.50 x 13.50 / 20.50 x 7.84*
20 x 16 x 4	23.25 x 18.68 x 5.47	20.09 x 16.12 x 5.14	22.03 x 13.63 / 22.03 x 10*
24 x 24 x 6	26.73 x 26.68 x 7.41	24.13 x 24.14 x 7.08	25.73 x 18

Second set of dimensions indicates inside mounting position