

Polycarbonate Type 4X/6P Enclosures

Developed for demanding industrial applications requiring a high degree of protection and extreme durability.



Polycarbonate Type 4X/6P Enclosures



MORE THAN A BOX – ALL THE BENEFITS IN ONE ENCLOSURE



JIC-sized non-metallic enclosure
design with robust feel and look



Light and tough
excellent impact and fire resistance



Multiple modification possibilities

- Holes & cutouts
- Threads & countersinking
- Silk-screening
- Additional options upon request

INDUSTRY STANDARDS

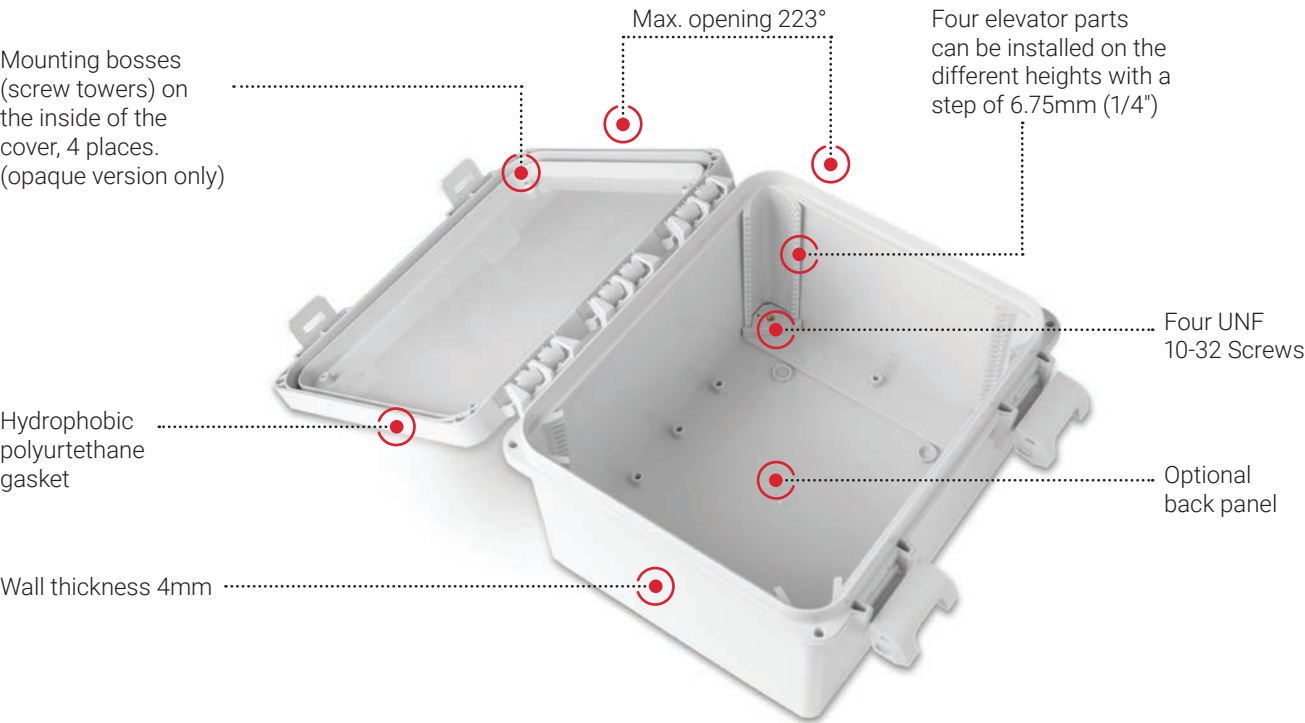
- UL 508A Listed; Type 4X, 12, 13, 6P; File No. E61997
- cUL Listed per CSA C22.2 No 94; Type 4X, 12, 13, 6P; File No. E61997
- Enclosure flammability evaluated per UL 508A
- Window flammability evaluated per UL 508A
- NEMA/EEMAC Type 4X, 12, 13, 6P
- IEC 60529, IP66 / IP68 / IP69

KEY DETAILS

nVent HOFFMAN Polycarbonate Type 4X/6P enclosures are rugged industrial polycarbonate enclosures with unique and innovative features, such as an integral nonmetallic latch and a corner elevator mounting system for adjustable hinged front kits and back panels.



Design for Durability



INTEGRAL NON-METALLIC LATCH

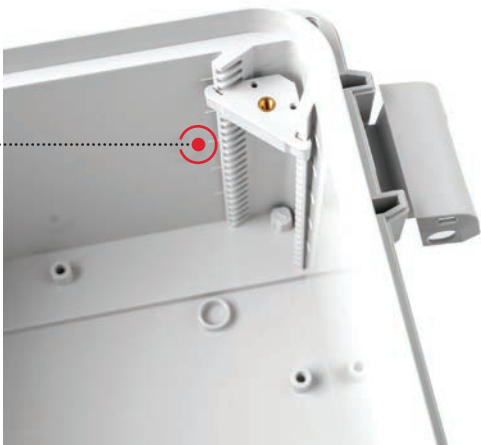
A robust padlockable non-metallic latch with only one moving part, providing superior protection.



CORNER ELEVATOR SYSTEM

The exclusive corner elevator system uses a slotted shelf technology that provides solid hinged front surfaces that are easy to install, align and keep level. This system also allows for a back panel to be raised off the back of the enclosure.

Note: The markings help you to install all of the elevator parts at the same height.



Standard Features

SIX SIZES (INCHES)

- 8 x 6 x 4
- 10 x 8 x 6
- 12 x 10 x 6
- 14 x 12 x 6
- 16 x 14 x 8
- 18 x 16 x 10

TWO COVER STYLES

- Opaque (UPCG)
- Transparent (UPCT)

TWO MOUNTING OPTIONS

- Flange (F)
- Adjustable feet

OTHER FEATURES

- DIN rail mounting bosses in the back of the enclosure
- Mounting bosses inside the opaque covers to mount back panels or printed circuit boards

AVAILABLE CUSTOMIZATION

- Holes & cutouts
- Threads & countersinking
- Silk-screening
- Additional options upon request

TECHNICAL INFORMATION

- Certified according to standards: EN62208, UL508A
- Degree of protection:
 - IP66/IP68/IP69 (submersion 2 m/24 h)
- Impact resistance:
 - IK10 -35°C... +40°C (-31°F ... 104°F)
- Environmental type (UL):
 - 4X, 12, 13, 6P
- Flammability rating:
 - UL 746C five inch flame test
- Operating temperature -40°C (-40°F)...+80°C (176°F)
- Short term temperature range -40°C (-40°F) ...+120°C (246°F)

FOUR LATCH CONFIGURATIONS



Hinged, Nonmetal Snap Latch (HNL)



Hinged, Metal Snap Latch (HML)



Hinged 2-Screws, Padlock Clamp (HS)



Lift-Off 4-Screws (No Suffix)

Accessories

MANY ACCESSORY OPTIONS

- Back Panels:
 - Galvanized steel
 - White painted steel
 - Aluminium
- Hinged Front Panel Kits
- Full Cover Front Panel (Deadfront)
- Hardware Kits
- Pole Mount Kits
- Mounting Flanges



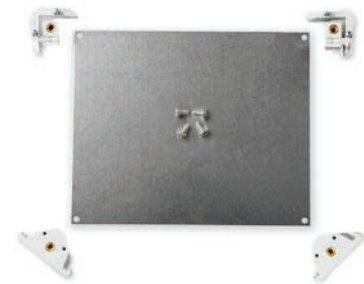
Mounting Flange Kit



Back Panel



Full Cover Front Panel



Hinged Front Panel Kit



Mounting Foot Kit



Corner Elevator Kit

Building a more SUSTAINABLE and ELECTRIFIED world



At nVent, we believe safer systems ensure a more secure world. We connect and protect with inventive electrical solutions. nVent HOFFMAN enclosures boost system resiliency by protecting critical components to extend system lifespan, reducing overall cost and waste.



Energy Efficiency

Our solutions improve energy efficiency for our customers



Lifespan and Serviceability

Our solutions extend the lifespan of our customers' systems, reducing waste and lowering cost



Resiliency and Protection

Our solutions add resiliency to critical systems by helping keep them safe from natural and manmade disruptions



Safety

Our solutions improve end-user safety and help our customers enhance the safety of their operations



Customer Productivity

Our solutions reduce labor cost in design and installation, improve utilization and reduce total cost of ownership



Eco-Friendly

We support customers sustainability goals by developing environmentally friendly products and solutions



Our powerful portfolio of nVent brands:

CADDY ERICO HOFFMAN ILSCO SCHROFF TRACHTE