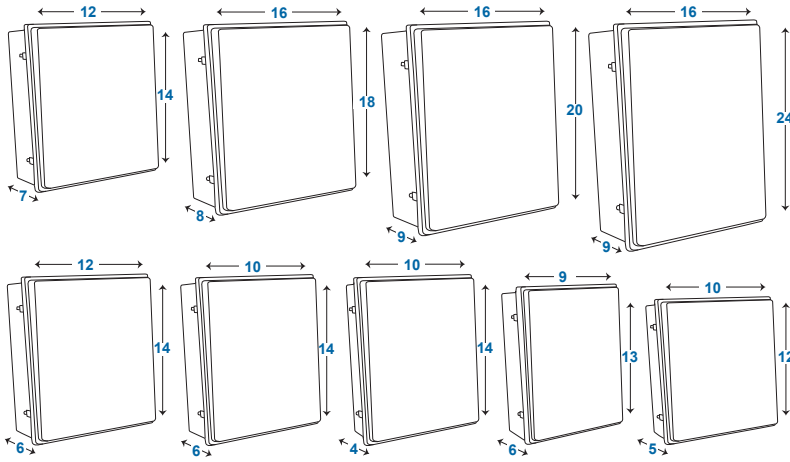


Weatherproof Industrial Enclosures



L-com's NEMA enclosure and weatherproof enclosure products feature ABS, Fiberglass and Steel NEMA rated designs and are available with a wide range of sizes and options including: heat, cooling, AC or DC power, and Power over Ethernet (PoE) interfaces.

Dimensions	ABS	Fiberglass	Steel
12"H x 10"W x 5"D		✓	
13"H x 9"W x 6"D	✓		
14"H x 10"W x 4"D	✓		
14"H x 10"W x 6"D	✓		
14"H x 12"W x 6"D		✓	✓
14"H x 12"W x 7"D		✓	
18"H x 16"W x 8"D		✓	
20"H x 16"W x 9"D		✓	
24"H x 16"W x 9"D		✓	

Additional Enclosure Options

No Suffix	Unmodified Enclosure Only
-KIT	Unmodified Enclosure w/Blank Aluminum Mounting Plate
-KIT01	Unmodified Enclosure w/Non-Metallic "Starboard" Mounting Plate
-KIT02	Unmodified Enclosure w/Blank Aluminum Mounting Plate and Installed Front Swing Plate
-01	Modified Enclosure with Blank Modified Plate
-02	Modified Enclosure Only
-03V	Modified Vented Enclosure Only

Default Temperature Setting

	ON	OFF
UL Solid State Fan Controller Temp Range	93°F / 34°C	84°F / 29°C
UL Model Solid State Heater Controller Temp Range	16°F / -9°C	25°F / -4°C
PoE & Non-UL Fan Only Solid State Fan Controller Temp Range	90°F / 32°C	81°F / 27°C
Power Saver Model Fan# 2 Solid State Fan Controller Temp Range	100°F / 38°C	91°F / 33°C
Heater Only Solid State Heater Controller Temp Range	15°F / -10°C	24°F / -5°C
Mechanical Fan Thermostat Controller Temp Range	120°F / 49°C	90°F / 32°C
Mechanical Heater Thermostat Controller Temp Range	40°F / 4°C	60°F / -15°C

NEMA/IEC NEMA, (National Electrical Manufacturers Association) and the IEC (International Electrotechnical Commission) are two standards groups, which have devised two different rating systems for enclosures, which define the enclosures resistance to dust, moisture, water immersion and ice. The IEC's rating is referred to as the IP or Ingress Protection rating. The table below outlines NEMA and IEC IP enclosure ratings. This chart only works in one direction From NEMA to IEC An IP rating only considers protection against ingress of solid foreign objects and ingress of water.

NEMA enclosure type no.	Enclosure Construction Definitions	IEC enclosure class
1	For indoor use to provide a degree of protection to personnel against access to hazardous parts and to provide a degree of protection of the equipment inside the enclosure against ingress of solid foreign objects (falling dirt).	IP20
2	Use indoors, provides a degree of protection to personnel against access to hazardous parts; to provide a degree of protection of the equipment inside the enclosure against ingress of solid foreign objects (falling dirt); and to provide a degree of protection with respect to harmful effects on the equipment due to the ingress of water (dripping and light splashing).	IP22
3-3S-3X-3SX	Use for either indoors or outdoors to provide a degree of protection to personnel against access to hazardous parts; to provide a degree of protection of the equipment inside the enclosure against ingress of solid foreign objects (falling dirt and windblown dust); to provide a degree of protection with respect to harmful effects on the equipment due to the ingress of water (rain, sleet, snow); and for which the external mechanism(s) remain operable when ice laden / provides an additional level of protection against corrosion and that will be undamaged by the external formation of ice on the enclosure.	IP55
3R-RX	For either indoor or outdoor use to provide a degree of protection to personnel against access to hazardous parts; to provide a degree of protection of the equipment inside the enclosure against ingress of solid foreign objects (falling dirt); to provide a degree of protection with respect to harmful effects on the equipment due to the ingress of water (rain, sleet, snow); and that will be undamaged by the external formation of ice on the enclosure / that provides an additional level of protection against corrosion and that will be undamaged by the external formation of ice on the enclosure.	IP24
4-4X	Constructed for both indoor or outdoor use to provide a degree of protection to personnel against access to hazardous parts; to provide a degree of protection of the equipment inside the enclosure against ingress of solid foreign objects (falling dirt and windblown dust); to provide a degree of protection with respect to harmful effects on the equipment due to the ingress of water (rain, sleet, snow, splashing water, and hose directed water); and that will be undamaged by the external formation of ice on the enclosure / and that will be undamaged by the external formation of ice on the enclosure.	IP66
5	Indoor use to provide a degree of protection to personnel against access to hazardous parts; to provide a degree of protection of the equipment inside the enclosure against ingress of solid foreign objects (falling dirt and settling airborne dust, lint, fibers, and flyings); and to provide a degree of protection with respect to harmful effects on the equipment due to the ingress of water (dripping and light splashing).	IP53
6	Enclosures constructed for either indoor or outdoor use to provide a degree of protection to personnel against access to hazardous parts; to provide a degree of protection of the equipment inside the enclosure against ingress of solid foreign objects (falling dirt); to provide a degree of protection with respect to harmful effects on the equipment due to the ingress of water (hose directed water and the entry of water during occasional temporary submersion at a limited depth); and that will be undamaged by the external formation of ice on the enclosure.	IP67
6P	Constructed for both indoor or outdoor use to provide a degree of protection to personnel against access to hazardous parts; to provide a degree of protection of the equipment inside the enclosure against ingress of solid foreign objects (falling dirt); to provide a degree of protection with respect to harmful effects on the equipment due to the ingress of water (hose directed water and the entry of water during prolonged submersion at a limited depth); that provides an additional level of protection against corrosion and that will be undamaged by the external formation of ice on the enclosure.	IP68
12	Enclosures constructed (without knockouts) for indoor use to provide a degree of protection to personnel against access to hazardous parts; to provide a degree of protection of the equipment inside the enclosure against ingress of solid foreign objects (falling dirt and circulating dust, lint, fibers, and flyings); and to provide a degree of protection with respect to harmful effects on the equipment due to the ingress of water (dripping and light splashing).	IP54
12K	Use indoors (with knockouts) to provide a degree of protection to personnel against access to hazardous parts; to provide a degree of protection of the equipment inside the enclosure against ingress of solid foreign objects (falling dirt and circulating dust, lint, fibers, and flyings); and to provide a degree of protection with respect to harmful effects on the equipment due to the ingress of water (dripping and light splashing).	IP54
13	For indoor use to provide a degree of protection to personnel against access to hazardous parts; to provide a degree of protection of the equipment inside the enclosure against ingress of solid foreign objects (falling dirt and circulating dust, lint, fibers, and flyings); to provide a degree of protection with respect to harmful effects on the equipment due to the ingress of water (dripping and light splashing); and to provide a degree of protection against the spraying, splashing, and seepage of oil and non-corrosive coolants.	IP54