



We connect and protect

# RuggedSpec II

Faster to the site. Stronger to protect.





# Reliable protection with faster turnaround when you need it most

From the harshest environments to the most complex configurations, custom-engineered enclosures from nVent keep equipment protected and running longer at peak performance. With fast turnaround and expedient delivery, nVent can meet the most demanding schedules.

## **Built to adapt. Built for value. Built to last.**

nVent offers the most durable and safest enclosures to date. RuggedSpec II enclosures are modular for any environment to provide the reliable security you require from power distribution and control centers to custom configurations. Constructed with enhanced strength and resiliency, nVent's rugged base and interlocking Galvannealed A60 steel interior and exterior panels withstand the harshest conditions – year after year.

Each enclosure option features a structural base constructed for mounting on pad, pier or vault foundations, eliminating

the need for costly full slabs and providing maximum design flexibility. Because the total package is factory-built, wired, and tested before shipment, minimal on-site assembly or interconnects are required – reducing weather or coordination delays. Only incoming and outgoing electrical connectors are necessary after positioning on a suitable foundation.

## **nVent manufacturing capabilities have you covered**

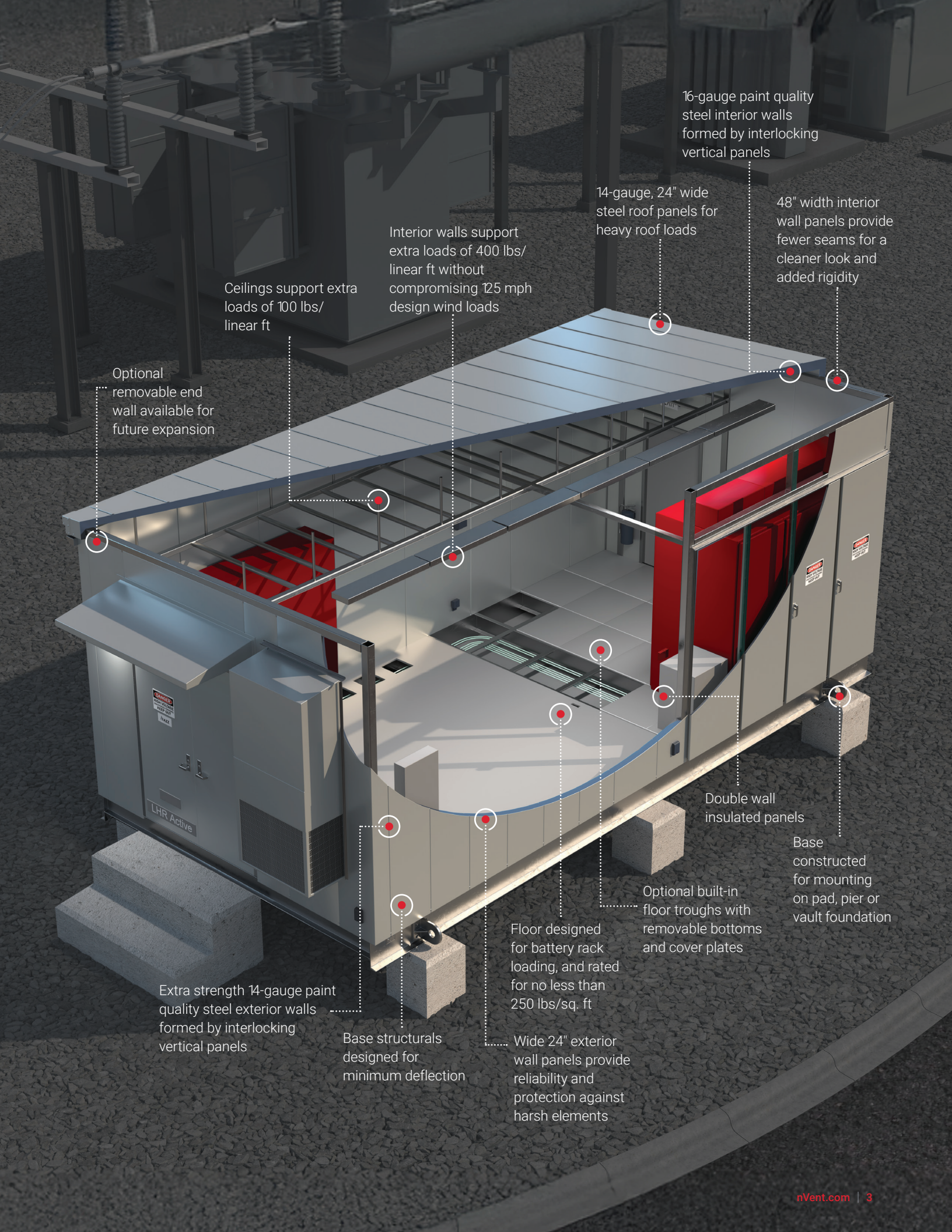
RuggedSpec II enclosures can be custom designed to house switchgear, motor control centers, motor starters, variable frequency drives, relay and control panels, and other electrical equipment. nVent's three US-based manufacturing facilities can construct enclosures up to two stories in height in an indoor, climate-controlled environment. This eliminates exposure to damaging contaminants and outdoor elements. And through streamlined manufacturing production processes, nVent has the unique ability to quote, build, and deliver faster than ever – minimizing startup delays to meet your tightest schedules.

## **Enhanced quality for better protection**

RuggedSpec II enclosures are engineered with the highest quality standards. Constructed with enhanced strength and resiliency, nVent's rugged base and higher steel construction are more rigid and durable. Interlocking Galvannealed A60 interior and exterior steel panels with fewer fasteners provide greater strength and resistance to corrosion and weather intrusion. Enclosures can be designed to meet or exceed regulatory requirements governing our customers' industries and all nationally recognized electrical and building codes.







16-gauge paint quality steel interior walls formed by interlocking vertical panels

14-gauge, 24" wide steel roof panels for heavy roof loads

48" width interior wall panels provide fewer seams for a cleaner look and added rigidity

Interior walls support extra loads of 400 lbs/linear ft without compromising 125 mph design wind loads

Ceilings support extra loads of 100 lbs/linear ft

Optional removable end wall available for future expansion

Double wall insulated panels

Base constructed for mounting on pad, pier or vault foundation

Optional built-in floor troughs with removable bottoms and cover plates

Floor designed for battery rack loading, and rated for no less than 250 lbs/sq. ft

Wide 24" exterior wall panels provide reliability and protection against harsh elements

Base structurals designed for minimum deflection

Extra strength 14-gauge paint quality steel exterior walls formed by interlocking vertical panels



**nVent offers the most durable and safest enclosures for any application, from power distribution and control centers to custom configurations.**



### **Standard RuggedSpec II Features**

- Pre-engineered designs meet or exceed latest standards of IBC, IEC, or ComCheck as required by local jurisdictions
- Modular construction with custom interior widths, lengths, and heights to conform to equipment dimensions and exterior dimensions and modules which facilitate trailer transportation
- Common components designed from stock inventory (including base structures, floor plates, wall panels, and roofs) provide significant cost savings
- Factory-built advantage mitigates schedule delays due to weather and other factors related to on-site construction
- Optional ballistic, fire, explosion, and electro-magnetic resistant designs with ArmArrest technology

### **Support from Design to Delivery**

- Dedicated expertise and support throughout every phase of the project, from site visits and design specifications to construction and on-site installation
- Ability to install any major electrical equipment, interconnection services and power cabling of electrical equipment in a factory environment
- Full integration and testing of the entire center prior to delivery

### **Quality Assurance**

- The capability to meet or exceed regulatory requirements governing our customers' industries
- Meets the exceptionally high certification standards of:
  - CSA-A660 quality certification for steel building systems
  - ISO 9001: quality management system
- Stringent third-party certifications and an unwavering commitment to quality
- A level of confidence and trust only achieved by partnering with a global leader in infrastructure enhancement

### **Cost-Effective Solution**

- Modular, factory-built, cost-effective alternative to on-site construction
- Eliminates field labor costs and provides significant efficiencies
- Dedicated resources and streamlined manufacturing production processes

### **Comprehensive Factory Testing**

- Testing of ancillary devices
- Testing of utility circuits, power cabling and interconnects after installation
- Continuity testing standard. Megger and hi-pot testing available.
- Designed to meet rain test criteria for IEEE Std. C37.20.2-2020



Our powerful portfolio of brands:

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