



**CONNECT AND PROTECT**

# Free-Stand Enclosures

Unibody, Universal Free-Stand and Global IEC Enclosures

  
nvent

**HOFFMAN**

# TAKE YOUR PICK!

nVent HOFFMAN enclosures are designed and built to meet the critical needs of our customers. Whether Unibody, Universal Free-Stand, or Global IEC, these robust enclosures defy dust, corrosive substances, temperature extremes, and the harmful effects of vibrations and shock. nVent HOFFMAN high-performance components and accessories are well suited for a multitude of applications.



## UNIVERSAL FREE-STAND

## IEC MODULAR FREE-STAND

## UNIBODY FREE-STAND

ONE DOOR RIGHT SIDE OPEN	2 DOOR BOTH SIDES OPEN	ONE DOOR LEFT SIDE OPEN	MODULAR SINGLE DOOR	MODULAR DOUBLE DOOR	MODULAR FLANGE MOUNT	MODULAR SINGLE DOOR	FREE-STAND, SINGLE OR DUAL ACCESS	HEAVY-DUTY FREE-STAND DISCONNECT	TWO-DOOR WITH FLOOR STANDS DISCONNECT
mild steel stainless steel	mild steel stainless steel	mild steel stainless steel	mild steel stainless steel	mild steel	mild steel	mild steel stainless steel	mild steel stainless steel	mild steel stainless steel	mild steel stainless steel
IP 66 Type 3R, 4, 4X, 12 IK10	IP 66 Type 3R, 4, 4X, 12 IK10	IP 66 Type 3R, 4, 4X, 12 IK10	IP 55 TYPE 12, 13 IK 10	IP 55 TYPE 12, 13 IK 10	IP 55 TYPE 12, 13 IK 10	IP 66 TYPE 4, 4X, 12, 13 IK 10	Type 3R, 4, 4X, 12	Type 3R, 4, 4X, 12	Type 3R, 4, 4X, 12
H: 72-84 in W: 40-78 in D: 18-24 in	H: 72-84 in W: 40-78 in D: 18-24 in	H: 72-84 in W: 40-78 in D: 18-24 in	H: 70.9 - 86.61 in W: 23.62 - 39.37 in D: 19.69 - 31.5 in	H: 70.87 - 86.61 in W: 47.24 - 62.99 in D: 19.69 - 23.62 in	H: 70.87 - 78.74 in W: 31.5 - 39.37 in D: 19.69 - 23.62 in	H: 78.74 in W: 31.5 in D: 23.62 in	H: 60-90 in W: 24-72 in D: 18-36 in	H: 72-90 in W: 28-158 in D: 18-24 in	H: 60-72 in W: 49-73 in D: 12-18 in

NEED	Universal Free-Stand	IEC Free-Stand	Unibody Free-Stand
Construction Type	Semi-modular (Bayable with end plates)	Modular	Unibody
Design Flexibility	Moderate	Maximum	Minimal
NEMA Rated	X	X	X
IEC Rated	X	X	
Bayable	X	X	
Click-in Technology		X	
3D Mounting		X	
Universal Type Rating	X		

These solutions offer many options and choices for modification and bayable design while keeping things simple, helping you get the right solutions fast.

- Build in complex control schemes with ease
- Flexibility in accessories giving you options
- Easy modification

### MATERIAL SELECTION

- Stainless Steel, Mild Steel, Aluminum, Non-Metallic and Plastic are all core to nVent HOFFMAN's product portfolio
- By sharing some specifics like temperature, chemical contact and location the easy to use selector tool can help you find the right material
- Use Ask the Expert for more specific questions or to tailor your solution to unique needs



Scan the QR code to access nVent HOFFMAN's Material Selection Tool

# Universal Free-Stand Portfolio

Get to your next project faster!

Universal Free-Stand enclosures speed design and modification with easy accessory choices for large Unibody enclosures.

These standard enclosures ship faster, modify & assemble faster and increase safety providing you and your customers more time.

## UNIVERSAL FREE-STAND BENEFITS

### 01 FAST DESIGN & DELIVERY

- Reduce design time from days to hours with a Universal offering
- Six (6) base Universal Type Rated part numbers provide for custom solutions from in-stock inventory
- Ships within 10 days through Factory or Local Express

### 02 REDUCE INSTALLATION & LABOR TIME

- Reduce panel installation time by up to 30%
- Robust Unibody design allows quick understanding & assembly

### 03 IMPROVED SAFETY

- Easily add voltage separation between bays
- Best-in-class interlock keeping high voltage bays shut
- Add Sequestr for complete safety solution

Bulletin	Description
A35	Mild Steel
A35S	Stainless Steel
A35Y	Accessories



**Side panel**  
Allows for additional component mounting space while maintaining type rating. Available in full and partial configurations

**Interlock system**  
Removable center post & improved interlock

**End plate**  
Allows for easy expansion and design flexibility (optional)

**Barrier panel**  
Separate high and low voltage to improve safety

**Upgraded center post**  
Easy center post installation with jack screw design

**False floor**  
Protects cable runs and provides clean aesthetics

# Global IEC Portfolio

**Redefine simplicity when assembling & ordering.**

Accelerate the design and installation process with nVent HOFFMAN's Global IEC Modular Floor Standing enclosures.

Interchangeable accessories and tool-free design help simplify assembly. Streamline ordering with a single global part number.

**IEC BENEFITS**

**01  
FAST  
ASSEMBLY**

- Reduce assembly time of joined enclosures by 14 minutes with patented tool-free, Click-In Technology
- Simplify specification, ordering, and stocking of accessories with full compatibility across floor standing enclosure families

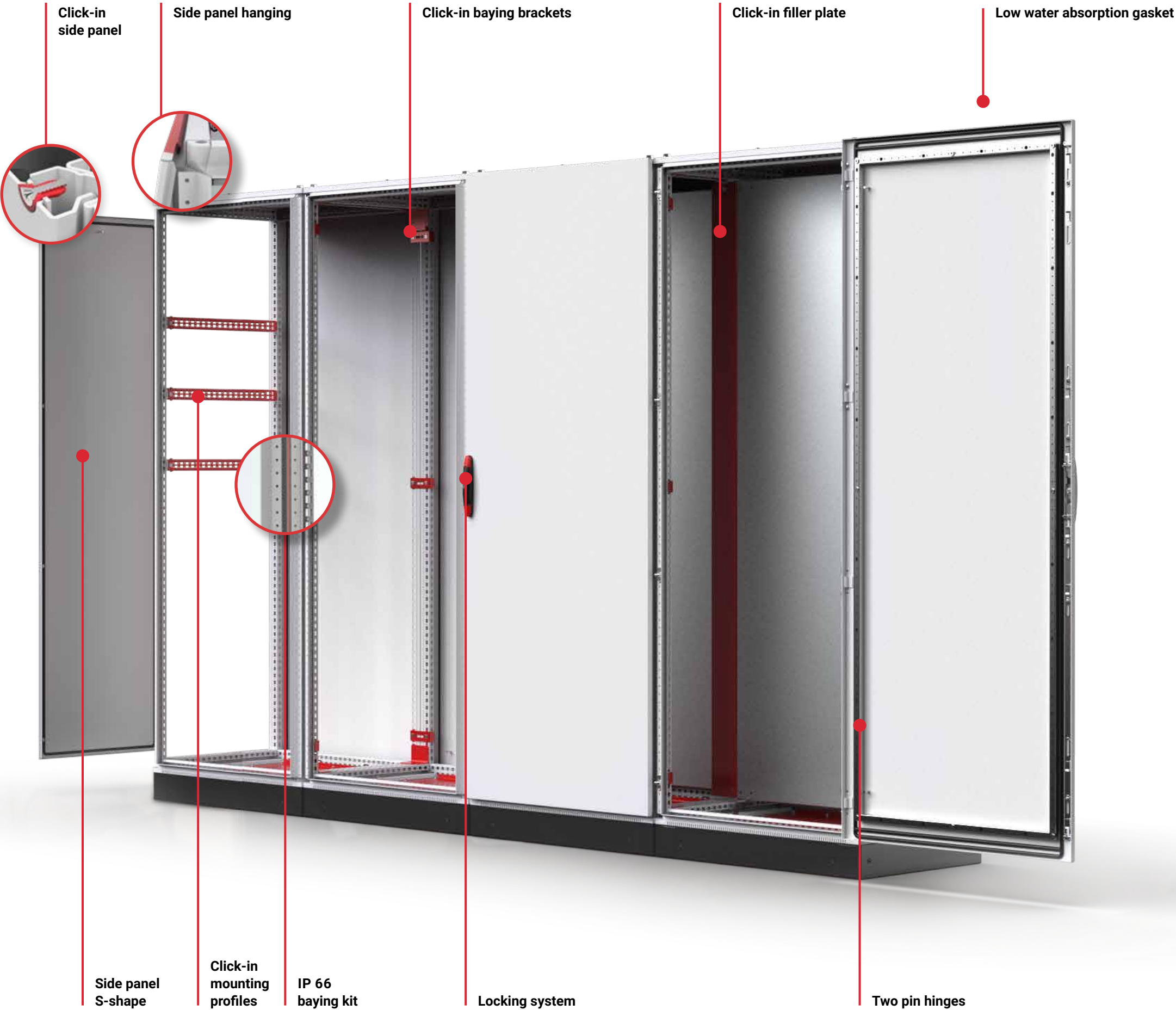
**02  
OPTIMUM  
PROTECTION**

- Proven design and reliable accessories provide reliable protection
- Hardware and handles are mounted outside gasket path on doors and covers. Leaving the protected area unaffected

**03  
APPEALING  
DESIGN**

- Global certifications (NEMA and IEC) meet customers needs across the world
- Easy to add accessories allow for simple updates and changes

Bulletin	Description
FC1	Floor Stand Combinable
FCD	Floor Stand Comb Disconnect
FCHP	Floor Stand Comb High Protection
FCS	Floor Stand Comb Stainless
FCSY	Stainless Combinable Accessories
FCY	Floor Stand Comb Accessories



Click-in side panel

Side panel hanging

Click-in baying brackets

Click-in filler plate

Low water absorption gasket

Side panel S-shape

Click-in mounting profiles

IP 66 baying kit

Locking system

Two pin hinges

# Unibody Portfolio

**Time-tested and proven enclosures you can trust!**

The rugged, welded Unibody enclosure ensures control panel reliability even in the harshest of environments. This offering does not require extensive assembly and is easy to specify for your application.

**UNIBODY BENEFITS**

## 01 EASY SELECTION

- Individual part numbers that deliver everything you need
- Flexible modification and customization to meet your specifications

## 02 BROAD APPLICATIONS

- Broad selection of product types, materials and configurations specifically designed for applications in Energy, Infrastructure, Industrial and others

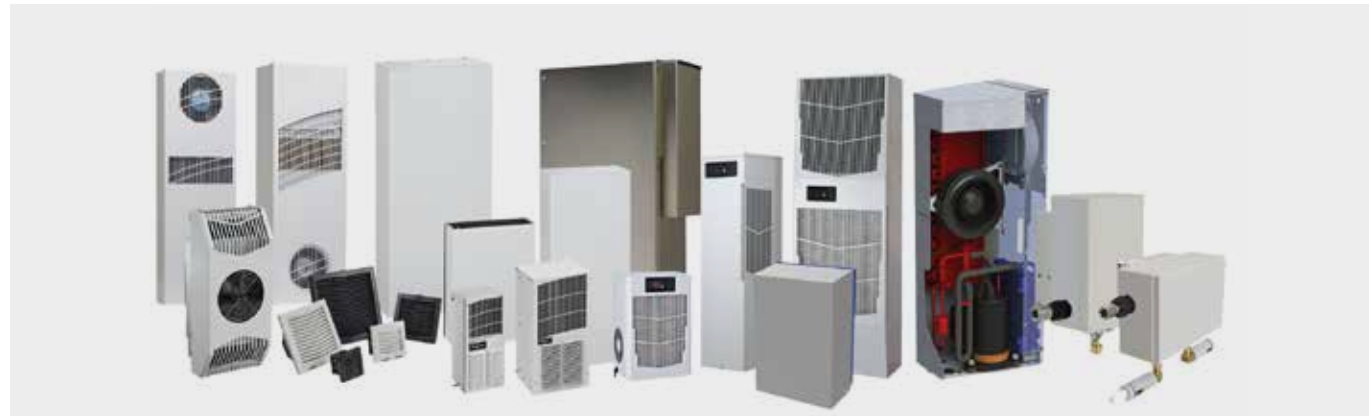
## 03 ROBUST DESIGN

- Enclosures that meet global industry standards
- Backed by global manufacturing and support for both local and multi-national customers
- Heavy-duty 3 point latching mechanism



Bulletin	Description
A30, A30S	Free-stand, Single or Dual Access
A28, A28M1, A28M2, A28MM, 28S4	Heavy-duty Free-Stand Disconnect
A21, A21S4	Two Door with Floor Stands Disconnect

# Climate Control

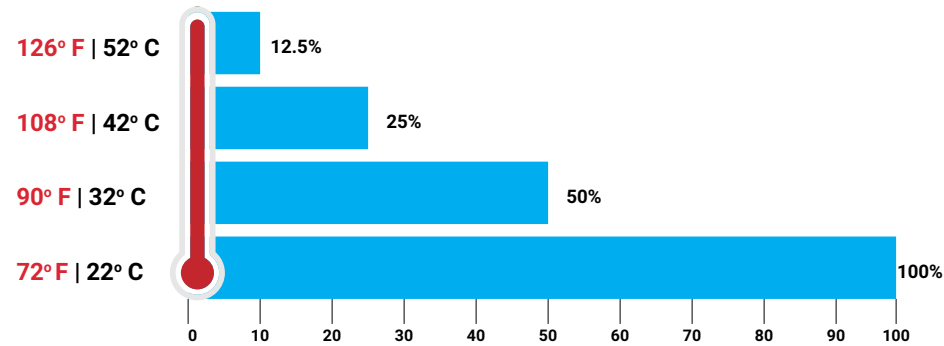


nVent HOFFMAN delivers the industry's most comprehensive protection portfolio for a vast range of applications. The integration of nVent HOFFMAN's enclosures and industry leading climate control portfolio offers best-in-class performance and protection.

- Advanced cooling products designed to complement offering of standard enclosures
- Ensures complete solution is engineered to maintain rating and certification
- Single source accountability for support, service, ordering and purchasing

## HEAT DAMAGES AND REDUCES THE LIFE OF YOUR ELECTRONICS

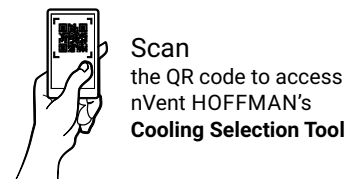
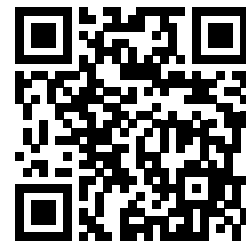
Keeping your electronics cool is essential to maximizing the life cycles of your electronic devices, reducing capital expenses, and keeping your business running.



## POSSIBLE CONSEQUENCES OF HEAT

Heat build-up can adversely affect industrial controls creating the potential for:

- De-rated drive performance
- Intermittent fluctuations in I/C-based devices
- MTBF decreases exponentially
- Catastrophic component failure
- Hours of factory downtime



# Climate Control Range

A wide range of thermal management solutions for critical applications.

## AIR CONDITIONERS

Improve uptime by protecting critical components:

- 800-60,000 BTU (234 – 17584 Watts) nominal capacity cooling available for indoor, outdoor, and harsh environments
- Advanced corrosion protection available
- Built in flanges for easy installation
- UL Type 12, 3R, 4, 4X and IP56 ratings available
- Remote access control available

## SIDE-MOUNT FILTER FANS

- Airflows ranging from 12 m³/h to 560 m³/h
- IP54/IP55 protection degree
- Click-Fit installation feature

## CLIMATE CONTROL ACCESSORIES

Monitor, manage and protect your valuable equipment with nVent HOFFMAN's selection of temperature controls, heaters, and dehumidifiers.



## COVERAGE YOU CAN COUNT ON

With nVent HOFFMAN, you're assured of the most complete maintenance and service offerings. That means reduced downtime, higher levels of overall system performance, and maximum operational life for your protected equipment. Our product quality and complete aftermarket care keeps your equipment running.

- 24/7/365 service availability
- Online service requests
- In-stock availability for selected cooling parts
- Global coordination of service and maintenance programs
- Expedited service and parts availability
- Extensive reporting capabilities including up-to-date status monitoring

## LOCAL AVAILABILITY MEANS YOU GET PARTS FASTER

In each global region, our local distributors have access to large inventories of service parts. Many nVent HOFFMAN parts are usually available in-stock or shipped within hours, versus shipping delays that can last weeks.

Our powerful portfolio of brands:

**CADDY   ERICO   HOFFMAN   RAYCHEM   SCHROFF   TRACER**



[nVent.com](https://www.nVent.com)