



CONNECT AND PROTECT

Free-Stand Enclosures

Unibody, Universal Free-Stand and Global IEC Enclosures


nvent

HOFFMAN

TAKE YOU

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

| ONE DOOR RIGHT SIDE OPEN | 2 DOOR BOTH SIDES OPEN | ONE DOOR LEFT SIDE OPEN |
|---|---|---|
| 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 |
| 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 |

| MODULAR SINGLE DOOR | MODULAR DOUBLE DOOR | MODULAR FLANGE MOUNT | MODULAR SINGLE DOOR |
|---|---|--|--|
| mild steel stainless steel | mild steel | mild steel | mild steel stainless steel |
| IP 55 TYPE 12 IK 10 | IP 55 TYPE 12 IK 10 | IP 55 TYPE 12 IK 10 | IP 66 TYPE 4, 4X, 12 IK 10 |
| 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 |

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

YOUR PICK!



UNIBODY FREE-STAND

FREE-STAND, SINGLE OR DUAL ACCESS

mild steel
stainless steel

Type 3R, 4, 4X, 12

H: 60-90 in
W: 24-72 in
D: 18-36 in

HEAVY-DUTY FREE-STAND DISCONNECT

mild steel
stainless steel

Type 3R, 4, 4X, 12

H: 72-90 in
W: 28-158 in
D: 18-24 in

TWO-DOOR WITH FLOOR STANDS DISCONNECT

mild steel
stainless steel

Type 3R, 4, 4X, 12

H: 60-72 in
W: 49-73 in
D: 12-18 in

Unibody Free-Stand

Unibody

Minimal

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



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



Interlock system

Removable center post &
improved interlock

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

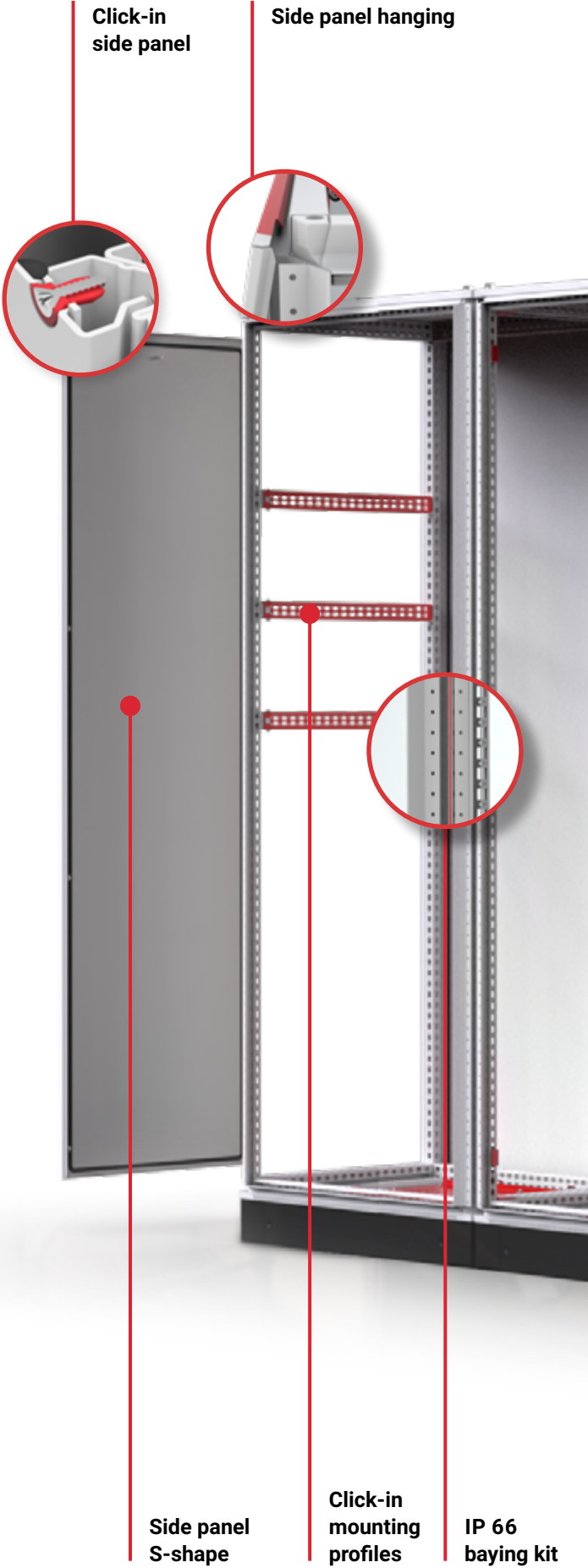
- Proven design and reliable accessories provide reliable protection
- Hardware and handles are mounted outside gasket path on doors and covers. Leaving the protected area unaffected

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 |





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

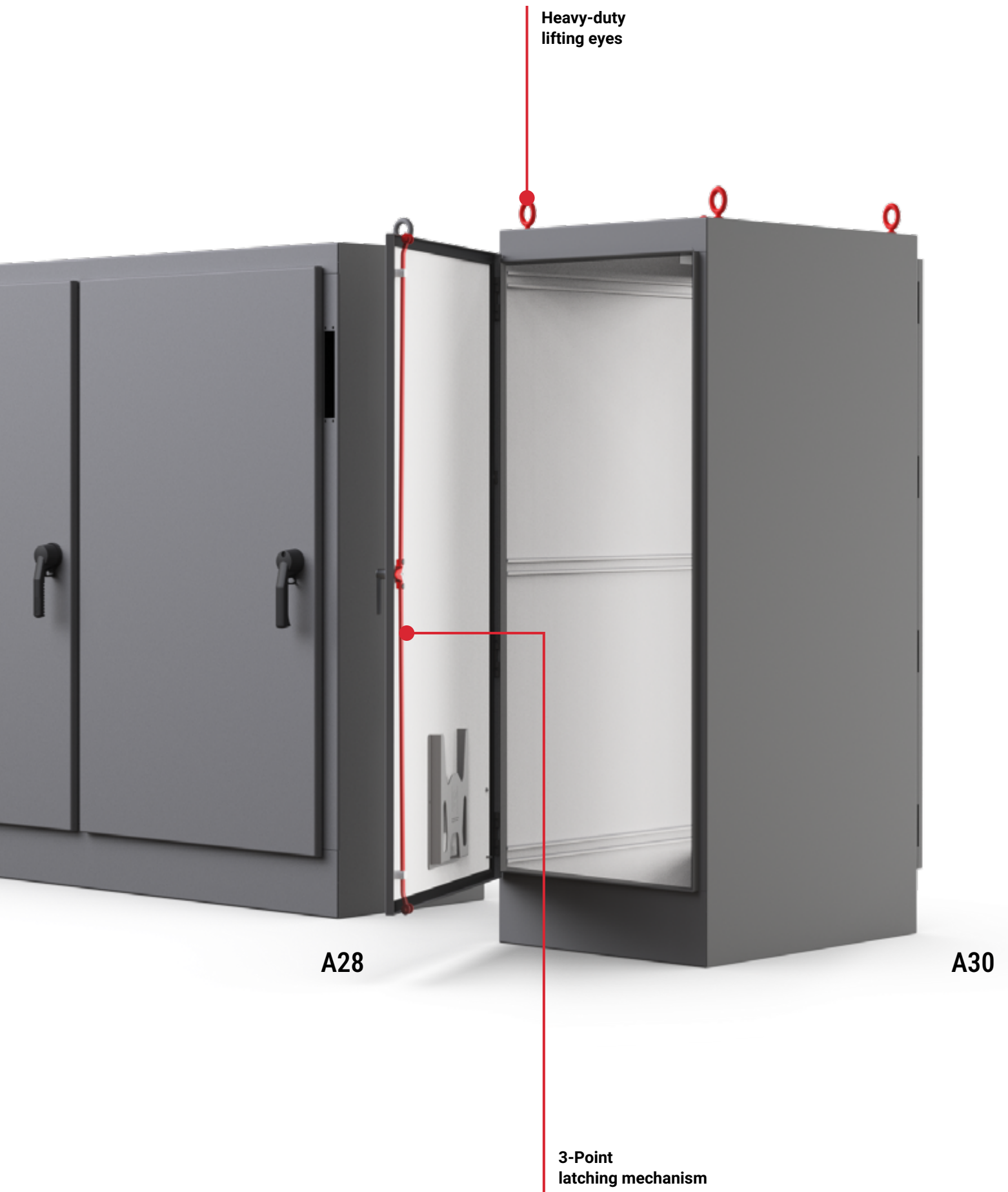
Concealed,
easy to
remove
hinges



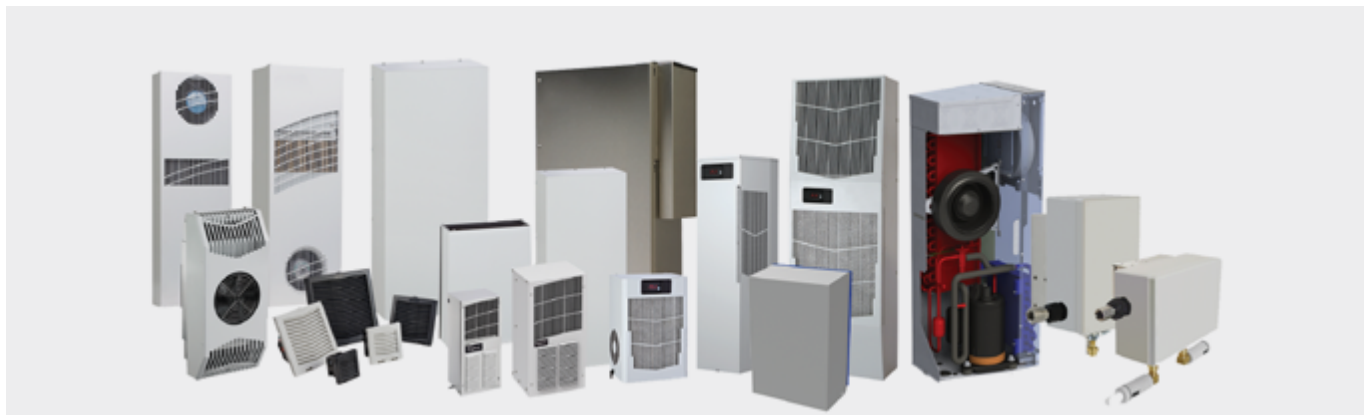
A21

Continuously
welded seams

| 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



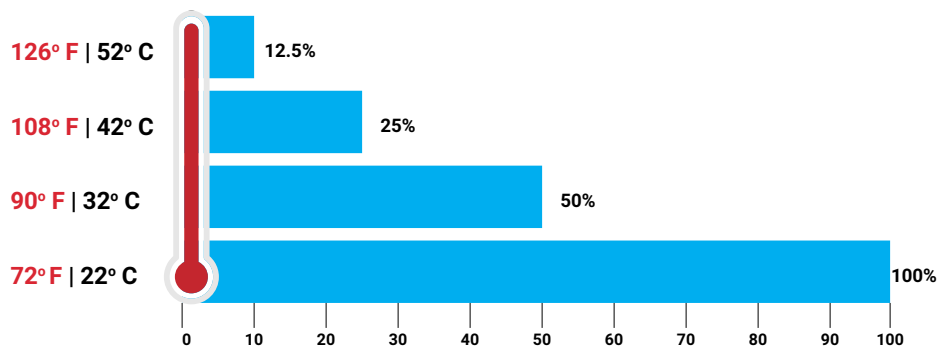
nVent HOFFMAN delivers the industry's most comprehensive protection portfolio for a vast range of applications. The integration of nVent HOFFMAN's enclosures and industry leading climate control portfolio offers best-in-class performance and protection.

- 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.



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

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



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