

QUIET, ENERGY-EFFICIENT **HEATING & COOLING** FOR COMFORTABLE STAYS

Cooling & Heating efficiencies up to:
12.3 SEER2/ 10.6 EER2 / 6.7 HSPF2

Cooling & Heating Capacities:

Cooling 9,400-22,600 Btu/h

Heating 8,600-19,500 Btu/h



VERT-I-PAK®

FRIEDRICH® VERT-I-PAK®
PACKAGED HEAT PUMPS

A quiet, energy-efficient option for rooms in suites, extended stay properties, assisted living buildings, and more, Friedrich Vert-I-Paks prioritize guest comfort. Delivering high performance with a sleek look—in options available for hospitality, multi-family dwellings, and more—Vert-I-Paks are a smart solution for commercial properties.



 **FRIEDRICH**

Engineered for Quiet Comfort, Simplified Installation, and Lower Operating Costs

Ideal for both hospitality and multi-family comfort solutions, Friedrich® Vert-I-Pak® heat pumps install easily and discreetly. Plus, they feature energy-saving high efficiencies for year-round comfort and savings.



High Efficiencies

Vert-I-Pak supports decarbonization efforts with heat pump operation down to 10°F and low ambient capability with active defrost and base pan heat.



Profitable

Lower operating costs. Lower maintenance disruption. Higher occupant satisfaction. Vert-I-Pak helps reduce total ownership cost with efficient heat pump performance, simplified service access, and room-by-room control.



Flexible Installation

Mounts from any interior side (front, right, or left). 10" round duct for small chassis units. Fully packaged design, precharged and prewired for a hassle-free setup.

Installs discreetly for a natural and more home like look.



INDOORS

Installs out of sight, so your guests will only see a wall thermostat.



OUTDOORS

Eliminates the clutter of outdoor condensing units, and is available with a sleek architectural grille in custom colors to match building exteriors.

The Vert-I-Pak® Advantages

Comfort shouldn't be complicated. Whether you're catering to guests at a hotel or families living in an apartment complex, Friedrich® Vert-I-Paks are built to last, built to perform, and built to cost you less.

Advanced Connectivity

Every unit can be paired with either a wired or wireless thermostat for easy operation. Plus, a suite of energy management thermostats are available that have a motion and thermal occupancy sensor, auto changeover, energy presets, and comprehensive remote management capabilities¹ accessible via mobile or web interfaces and integrated with BACnet for additional energy savings.

Trusted Warranties & Support

Warranty features a 1-year limited warranty on parts and labor, and a 5-year limited warranty on the sealed system². Plus, a nationwide service network and US-based expert technical team ensures you get fast, knowledgeable service.

¹Energy management capability requires purchase of additional hardware and service fees.

²See warranty documentation for details.

Diamonblue™ Advanced Corrosion Protection

Safeguards both coils from deterioration, significantly extending the lifespan of the unit. This specialized coating ensures reliable performance and durability even in challenging conditions like coastal environments.



DIAMONBLUE™
Advanced Corrosion Protection

Advanced Condensate Removal

All Vert-I-Paks feature slinger ring technology for evaporative cooling and a primary condensate removal. A secondary overflow lip on the drain pan and drip edge on wall plenums help prevent leaks and water damage.

NOTE: VHA18 and VHA24 models use a gravity-fed drain pan (VPDP2).

A Superior Product That Delivers Superior Performance

With Friedrich® Vert-I-Pak®, you can feel confident that both you and your occupants will be satisfied. Each unit is expertly engineered to minimize noise, maximize comfort, and optimize efficiencies.

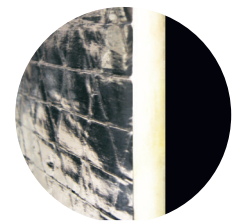
Boldly Crafted for Quieter Performance

Friedrich's free-floating chassis design slides into the wall plenum and a gasket firmly seals the chassis to the patented telescoping plenum. This eliminates vibration noises that are transmitted into the room in competitors' metal-on-metal fixed installations. Extra thick, vibration-absorbing rubber grommets are mounted on a durable base, engineered for structural and acoustic integrity.



Scan to Watch Video:
QUIETMASTER®
TECHNOLOGY

Chassis slides into gasketed, telescoping wall plenum



Foil-backed, ½" insulation blanket inside the cabinet reduces sound transmitted into the guest room



Advanced Energy Management

The comfort of your guests and occupants is paramount, and Friedrich's energy management solution makes it easier than ever to optimize their experience while maximizing efficiency and savings.



GUEST EXPERIENCE

New & Improved Design

A sleek design, fingerprint-resistant glass, and an intuitive interface enhance the user experience

Real-time Occupancy Sensor

Combines motion and thermal sensing technologies for accurate occupancy detection

Program To Match Daily Schedules

Tailored for maximum energy savings based on daily routines and personalized weekly temperature schedules

EFFICIENT MONITORING

Remote Management¹

Provides expansive solutions from any computer or mobile device connected to the internet

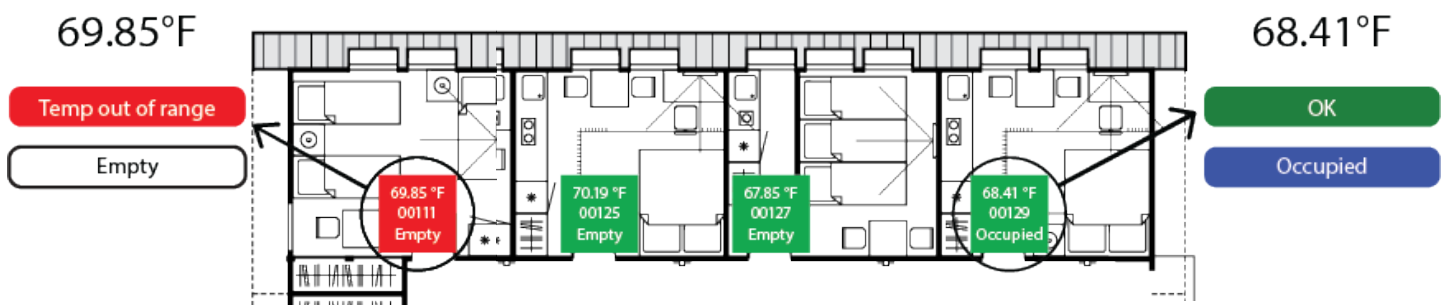
Wireless Mesh Network

Eliminates the need for additional networking equipment such as signal repeaters or multiple data collection boxes

Graphical Room View

Examine up to 30 days of room temperature, humidity, setpoints, and occupancy modes

¹Requires an added accessory "Online Connection Kit" (EMOCT4) and a one-time license fee (EMRAF4).



Room Status

Displays operation, occupancy, and energy efficiency status of each room

Error Alert

Built-in diagnostic tools automatically send email alert notifications to hotel staff

Temperature Setback & Optimization

Automatically adjusts the temperature when rooms are unoccupied and continuously adjusts temperature rate to maximize energy savings

Energy Reports

Monitor energy use and evaluate performance of energy-saving features

Runtime Reports

Provides daily average of compressor and heater runtime

A Better Solution for Lodging, Hospitality, Multi-family & Residential Spaces

Maximize guest comfort without sacrificing savings or efficiency year-round with Friedrich® Vert-I-Pak®—a better solution for hospitality.

Why Choose Vert-I-Pak

Better guest or resident comfort

- Experience superior quiet operation with our QuietMaster® technology.
- Featuring strategically placed gaskets to further enhance noise reduction for a peaceful environment
- Individually controlled for tailored comfort
- Backup auxiliary electric heat
- Ability to duct air where it's needed, not just on the outside wall Individual temperature control (one unit can heat while others cool)

Smarter energy management

- Efficient Monitoring
- Independent metering for no prorating
- Equipped with low ambient technology, our heat pumps operate efficiently down to 10°F and include active defrost capabilities for optimal performance.

Lower operational disruption

- Reduced risk of spaces becoming uninhabitable during repairs
- Easy access for maintenance or replacement
- Quick, easy replacement maintains livable spaces

Easier installs and Retrofits

- Eliminates outdoor units and vandalism barriers
- Completely self-contained
- No refrigerant lines running from floor to floor
- Lower installed cost

Lower lifecycle cost

- Low ambient heat pump operation supports lower energy costs.
- Easy access for repairs and replacement to individual units is less costly.

ADVANCED FEATURES YOU'LL FIND ON FRIEDRICH VERT-I-PAK

1. Floating chassis design slides into a wall plenum and is held firmly in place by a sealing gasket, reducing noise from vibration transfer.
2. ½ inch foil-backed insulation added on the inside of the chassis reduces sound transmission into the guest room.
3. Condensate removal system uses slinger ring technology to cool the coil and increase efficiency.
4. Dynamically balanced blower with large, vibration-absorbing motor mounts for smooth and quiet operation.
5. Patented telescoping plenums (accessory) easily adapt to more installations.
7. A full suite of factory approved indoor air quality accessories designed to deliver healthy air.

Vert-I-Pak® Accessories

ARCHITECTURAL LOUVER (required)

Extruded aluminum grille that attaches to the outdoor section of the wall plenum; VPSC2 and VPSC2-42 can be ordered in custom colors.

VPAL2/VPAL-42 & VPSC2/VPSC2-42
Dimensions – 25 9/16" W x 31 1/16" H

HURRICANE LOUVER (optional)

Miami Dade rated VTAC louver to help secure projects along the coast in TAS 201 high velocity hurricane zones
VPAL2HD Miami Dade Architectural Anodized Aluminum Louver
VPSC2HD Miami Dade available in custom colors

WALL PLENUM (required)

Two-part telescoping sleeve that sits inside the exterior wall penetration.

VPAWP1-8 (telescopes from 4–8") & VPAWP1-14 (telescopes from 8–14")
Dimensions – 24 1/8" W x 30 3/8" H
24 5/8" W x 30 7/8" H (cutout)

RETURN AIR GRILLE/ACCESS PANEL/SOLID DOOR ACCESS PANEL (required)

Hinged panel allows access to unit and return air filter.
VPRG4 (default left-hinged), VPRG4R (right-hinged) & VPRG4SD (solid door)
Dimensions – 29" W x 58" H
27" W x 55 3/4" H (cutout)

NOTE: A field-supplied filter should be mounted on the inside grille; Panel can be mounted with return air opening/louvers on top for better sound attenuation with small chassis units.

FIRST COMPANY SLEEVE ADAPTER (optional)

Single-piece, welded adapter easily connects to Friedrich chassis and allows retrofit into existing First Company® SPXR-series single package unit wall sleeve and louver.

VPASA1

NOTE: Only compatible with Friedrich VHA09 and VHA12 units.

DRAIN PAN (required for VHA18 and VHA24 models)

Must be installed prior to chassis for easy installation/removal.
VPDP2/VPDP2LA

The VPDP2LA (Low Ambient drain pan) is recommended to prevent drainpan icing when extended heatpump operation can be expected below 32°F.

TRANSITION KITS (optional)

Single piece allows retrofit into existing 10" round flexible ducts for any VTACs.

VPTRL (compatible with VHA18, VHA24)

NOTE: VHA09 and VHA12 (RCQ series) have 10" round supply take-off.



VPAL2



VPAWP1-8/14



VPRG4/VPRG4R



VPRG4SD



VPASA1



VPDP2/VPDP2LA

Vert-I-Pak® Accessories

Heat Pump Thermostats

RT7P

Wired, wall-mounted programmable thermostat with backlight

RT7

Wired, wall-mounted digital thermostat with backlight

WRT2

Wireless, wall-mounted programmable thermostat with backlight



RT7P



RT7



WRT2



EMRTA4/EMWRTA4 - White
EMRTB4/EMWRTB4 - Black



Energy Management Thermostats

EMRTA4/EMWRTA4 - White

EMRTB4/EMWRTB4 - Black

Wired/wireless w/occupancy sensor

EMRAF4

Energy management system remote access fee. One fee per controller.

EMRDS4

Wireless door/window sensor

EMCWPA4/ EMCWPB4

Wall plate

EMOCT4

Online connection fee and kit for Energy Management. One fee per building

EMROS4

Remote occupancy sensor

EMRTS4

Remote temperature sensor

EMRWOS4

Wireless occupancy sensor

EMZBU4

Door Lock Integration Chip

FreshAir® IAQ

Friedrich® FreshAir® IAQ are proven, easy-to-install accessories that improve the health and quality of indoor air.

FILTRATION (field-supplied filter)

FreshAir MERV 13 filtration is effective at capturing and removing microorganisms from the air.

FRESHAIR® MERV 13 FILTER BRACKET KITS

VPFK0912-2

2" MERV 13 filter bracket kit for VHA09, VHA12

VPFK0912U

2"-4" MERV 13 telescoping filter bracket kit for VHA09, VHA12

VPFK1824-2

2" MERV 13 filter bracket kit for VHA18, VHA24

VPFK1824U

2"-4" MERV 13 telescoping filter bracket kit for VHA18, VHA24



VPFK0912-2
VPFK1824-2

VPFK0912U
VPFK1824U



FRESHAIR® PURIFIER - APWR1

FreshAir® Purifier by iWaves is an optional accessory that kills mold, bacteria, and viruses—while effectively removing odors and VOCs.

OUTSIDE AIR VENTILATION

All Friedrich Vert-I-Pak units are manufactured featuring passive outside air ventilation. Up to 60 CFM of fresh outside air can be brought into the space during unit operation.



APWR1

Vert-I-Pak® Specifications

MODEL	VHA09K	VHA09R	VHA12K	VHA12R	VHA18K	VHA18R	VHA24K	VHA24R
COOLING DATA								
Total Cooling Cap. (Btu/h) @ 95°F	9,400	9,400	11,200	11,200	17,800	17,800	22,600	22,600
Sensible Cooling Cap. (Btu/h)	7,100	7,100	8,800	8,800	13,100	13,100	14,700	14,700
SEER2	12.3	12.3	12.3	12.3	12.1	12.1	12.1	11.9
EER2	10.6	10.6	10.6	10.6	10.6	10.6	10.6	10.6
Power (W)	887	887	1,057	1,057	1,679	1,679	2,132	2,132
Voltage	208/230	265	208/230	265	208/230	265	208/230	265
HEATING DATA								
Heat Pump Cap. (Btu/h) @ 47°F	8,600	8,600	10,400	10,400	16,200	16,200	19,500	19,500
Heat Pump Cap. (Btu/h) @ 17°F	4,900	4,900	6,000	6,000	9,800	9,800	12,400	12400
HSPF2	6.3	6.3	6.3	6.3	6.7	6.7	6.7	6.7
Heater size (kW)	2.5/3.4/5.0	2.5/3.4/5.0	2.5/3.4/5.0	2.5/3.4/5.0	2.5/3.4/5.0/7.5	2.5/3.4/5.0/7.5	2.5/3.4/5.0/7.5/10.0	2.5/3.4/5.0/7.5/10.0
PHYSICAL								
Dimensions (W x D x H)	23"X23"X32"	23"X23"X32"	23"X23"X32"	23"X23"X32"	23"X23"X47"	23"X23"X47"	23"X23"X52"	23"X23"X52"
Refrigerant Type	R32							
Refrigerant Volume (Oz)	26	26	28.7	28.7	40	40	44	44
Airflow (CFM)	420		420		530		625	
VENTILATION AIR								
CFM	UP TO 60							



Sustainability

At Rheem, sustainability isn't just a feature we add to our products — it's a foundation of who we are as a company. As an industry leader, we continue to innovate and reimagine air and water solutions that drive our customers' success and protect the environment we all share. Because doing good isn't enough — we're committed to A Greater Degree of Good™



Warranty Information

Current warranty information can be obtained by referring to https://www.friedrich.com/professional/support/product-resources?ac_type=&type=Warranty

The AHRI Certified® mark indicates our participation in the AHRI Certification program. For verification of individual certified products, go to www.ahridirectory.org

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