Single Package
Vertical Air Conditioners

Vert-I-Pak®

Installs easily in a closet for quiet operation and provides a more homelike appearance for your guests.
A Better Solution for Hospitality & Multi-Family Suites

Ducted and centrally-located, the Vert-I-Pak eliminates the need for multiple through-the-wall units.

Vert-I-Pak® advantages

- Easy to install
- Higher efficiencies
- Quieter operation
- Certified by AHRI
- Diamonblue Advanced Corrosion Protection® standard on the coil

1 YR. WARRANTY
PARTS AND LABOR

5 YR. LIMITED WARRANTY
Better Aesthetics

Outdoors
Packaged unit eliminates the clutter of outdoor condensing units and the sleek architectural grille is available in custom colors to match the building’s exterior.

Indoors
All the guest sees is a thermostat.

A quiet and energy efficient option for extended stay properties, suites, assisted living, student housing, and commercial spaces.

VERT-I-PAK® IS A SUPERIOR PRODUCT

<table>
<thead>
<tr>
<th>What you’ll find on Friedrich Vert-I-Pak®</th>
<th>What you’ll find on many competitor’s products</th>
</tr>
</thead>
<tbody>
<tr>
<td>1. Floating chassis design slides into a wall plenum and is held firmly in place by a sealing gasket, reducing noise from vibration transfer.</td>
<td>1. Chassis is screwed into the wall plenum. Metal-on-metal contact transfers vibration, increasing operating noise under typical conditions. Noise is transferred through the walls and into the room.</td>
</tr>
<tr>
<td>2. ½ inch foil-backed insulation added on the inside of the chassis to reduce sound transmission into the guest room.</td>
<td>2. No insulation on the unit to reduce noise transmission into the guest room.</td>
</tr>
<tr>
<td>3. Efficiencies above industry standards with EERs up to 10.5.</td>
<td>3. Hard plastic feet on the unit base which are less durable and transfer harsh vibration noise.</td>
</tr>
<tr>
<td>4. Condensate removal system uses slinger ring technology to cool the coil and increase efficiency.</td>
<td>4. Different plenums needed based on varying wall depths.</td>
</tr>
<tr>
<td>5. Dynamically balanced blower with large, vibration-absorbing motor mounts for smooth and quiet operation.</td>
<td>5. No labor warranty.</td>
</tr>
<tr>
<td>6. Patented telescoping plenums (accessory) easily adapt to more installations.</td>
<td></td>
</tr>
<tr>
<td>7. 5 year limited warranty includes labor.</td>
<td></td>
</tr>
</tbody>
</table>
**FRIEDRICH’S ‘FREE FLOATING’ DESIGN**

The chassis 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 competitor’s metal-on-metal fixed installations. Extra thick, vibration-absorbing rubber grommets mounted on durable base that is engineered for structural and acoustic integrity.

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**Reliable and durable**

- PSC permanently lubricated motor for low maintenance and maximum efficiency
- Engineered drain pan won’t rust, eliminating the risk of unsightly rust stains from condensation on the building exterior
- Painted, 18-gauge galvanized steel cabinet resists corrosion
- Standard safety power disconnect
- Electronic control panel on unit for easy diagnostics and servicing
- 100% run tested prior to shipment—Every unit is tested in every operating mode before it ships for optimal performance and reliability

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**Easy installation**

- Can be installed from any interior side (front, right or left)
- Ductable to multiple rooms
- Compact and lightweight, weighs as little as 125 lbs.
- Installation does not require an HVAC technician
- Prewired, charged and piped
- All units are ready to install with only electrical hook up needed to be up and running
- 10” crimped and beaded duct-collar ready to attach flex duct
- Patented telescoping wall plenums adjust to fit varying exterior wall thicknesses
- Primary condensate removal system provided thru 3/4” pipe fittings for more placement options
- Secondary overflow from primary drain*
- Central desk control ready

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**Energy management thermostats available**

- Wired and wireless thermostats
- Integrated occupancy sensor
- Auto changeover
- 5 distinct energy presets
- Comprehensive remote management capability**

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* 24000 Btu model uses secondary gravity-fed drain

** Energy management capability requires purchase of additional hardware and service fee
A better heating and cooling option inside and out

- Eliminates the clutter of outdoor condensing units and the need for vandalism barriers.
- Completely self-contained
- No refrigerant lines running from floor to floor
- Fast, easy replacement keeps spaces livable

Improved guest comfort

- Individually controlled
- Heat and cool
- Duct air specifically where it’s needed, not just on the outside wall
- 2-speed fan with constant fan option on Friedrich RT6 and WRT1 thermostats

A better choice than whole building solutions

- Lower installed cost
- Independent metering (no need to prorate for multitenant applications)
- Individual temperature set point (one unit can heat and others can cool)
- Less risk, with a whole building system spaces may become uninhabitable until the system is repaired or replaced
- Vert-I-Paks can be easily accessed for maintenance or replacement

TYPICAL VERT-I-PAK® INSTALLATION

Installs in a small mechanical closet and can be ducted to multiple rooms.

Electric Heat
COOLING
8600–23000 Btu
Up to 10.5 EER
ELECTRIC HEAT
2500–10000 Btu

Heat Pump
COOLING
8600–23000 Btu
Up to 10.5 EER
HEATING
8000–20000 BTU
All 3.0 COP

Field-supplied Filter (25” x 20”)
Easily replace older First Company vertical units*

Vert-I-Pak® is an exact fit for existing First Company SPXR-series single package vertical units when installed with the VPASA1 Sleeve Adapter.

SAVE ON ENERGY COSTS WITH HIGHER EFFICIENCY VERT-I-PAK® UNITS

<table>
<thead>
<tr>
<th>Friedrich Vert-I-Pak</th>
<th>First Company</th>
</tr>
</thead>
<tbody>
<tr>
<td>9000 Btu A/C</td>
<td>10.5 EER 9.0 EER</td>
</tr>
<tr>
<td>12000 Btu A/C</td>
<td>9.8 EER 9.0 EER</td>
</tr>
<tr>
<td>18000 Btu A/C</td>
<td>9.0 EER 9.0 EER</td>
</tr>
<tr>
<td>9000 Btu HP</td>
<td>10.5 EER 9.0 EER</td>
</tr>
<tr>
<td>12000 Btu HP</td>
<td>9.7 EER 9.0 EER</td>
</tr>
<tr>
<td>18000 Btu HP</td>
<td>9.1 EER 9.0 EER</td>
</tr>
</tbody>
</table>

Replaces First Company SPXR Series

IMPORTANT FEATURE COMPARISONS

<table>
<thead>
<tr>
<th>Feature</th>
<th>Friedrich Vert-I-Pak</th>
<th>First Company</th>
</tr>
</thead>
<tbody>
<tr>
<td>ARI Certification</td>
<td>YES</td>
<td>NO</td>
</tr>
<tr>
<td>Warranty</td>
<td>1st Year Bumper to Bumper, Parts &amp; Labor. 2nd - 5th Year Sealed Refrigeration System, Parts &amp; Labor</td>
<td>1st Year Parts Only. 2nd Year Compressor, Parts Only</td>
</tr>
<tr>
<td>Corrosion Protection</td>
<td>Standard</td>
<td>Not Available</td>
</tr>
<tr>
<td>Weight</td>
<td>114 Lbs. to 167 Lbs.</td>
<td>245 Lbs. to 255 Lbs.</td>
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</table>

Service/Support

- Dedicated Service/Sales/Order Support based in San Antonio, TX
- Ability to set up installer as warranty service agent
- Over 1,500 independent service agents throughout the U.S.

* First Company unit is also sourced by Amana and Carrier. Closet dimensional limitations apply. Sleeve adapter kit includes all parts necessary to mate with First Company sleeve.
Optional Accessories

ARCHITECTURAL LOUVER

VPAL2 and VPSC2
Extruded aluminum grille that attaches to the outdoor section of the wall plenum. Takes in fresh air and returns condensed air. VPSC2 can be ordered in custom colors.
DIMENSIONS: 25 9/16” W x 31 1/16” H

WALL PLENUM

VPAWP1-8, VPAWP1-14
Two-part sleeve that telescopes in and out. Sits inside the exterior wall penetration.
VPAWP1-8 telescopes from 5 1/2”–8”
VPAWP1-14 telescopes from 8”–14”
DIMENSIONS: 24 1/8” W x 30 3/8” H
CUTOUT DIMENSIONS: 24 5/8” W x 30 7/8” H

RETURN AIR GRILLE/ACCESS PANEL

VPRG4
Hinged panel allows access to unit and return air filter. A field-supplied filter (25” x 20”) should be mounted on the inside grille. Panel can be mounted with return air openings high or low on the door for optimum sound attenuation.
DIMENSIONS: 29” W x 58” H
CUTOUT DIMENSIONS: 27” W x 55 3/4” H

FIRST COMPANY SLEEVE ADAPTER

VPASA1
Single piece, welded adapter allows retrofit into existing First Company SPXR-series single package vertical unit wall sleeve and louver. Easy connection to Friedrich chassis.

SINGLE STAGE THERMOSTATS

RT6
Wired, single stage, wall-mounted digital thermostat with two fan speeds and backlight for control of Friedrich VERT-I-PAK.

WRT1
Wireless, single stage, wall-mounted digital thermostat with two fan speeds and backlight for control of Friedrich VERT-I-PAK.

ENERGY MANAGEMENT THERMOSTATS

EMRT1
Wired thermostat with occupancy sensor.

EMWRT1
Wireless thermostat with occupancy sensor.

EMOCT EMRAF
Online connection kit. Remote access fee.

DRAIN PAN

VPDP1
For VEA/VHA24 models. May be installed prior to chassis for easy installation/removal.
## SPECIFICATIONS

### COOLING DATA

<table>
<thead>
<tr>
<th>MODEL</th>
<th>VEA09K</th>
<th>VEA12K</th>
<th>VEA18K</th>
<th>VEA24K</th>
<th>VHA09K</th>
<th>VHA12K</th>
<th>VHA18K</th>
<th>VHA18R</th>
<th>VHA24K</th>
<th>VHA24R</th>
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<tbody>
<tr>
<td>COOLING BTU</td>
<td>9000/8600</td>
<td>11500/11200</td>
<td>17000/16500</td>
<td>23000/22700</td>
<td>9000/8600</td>
<td>8900</td>
<td>11500/11200</td>
<td>12000</td>
<td>17000/16800</td>
<td>16800</td>
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<tr>
<td>POWER (W)</td>
<td>857/819</td>
<td>1174/1143</td>
<td>1889/1833</td>
<td>2421/2389</td>
<td>857/819</td>
<td>908</td>
<td>1186/1155</td>
<td>1224</td>
<td>1868/1846</td>
<td>1846</td>
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<td>SENSIBLE HEAT RATIO</td>
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<td>2.5/3.4/5.0</td>
<td>2.5/3.4/5.0</td>
<td>2.5/3.4/5.0</td>
<td>2.5/3.4/5.0</td>
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### HEAT PUMP DATA

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<th>VHA18K</th>
<th>VHA18R</th>
<th>VHA24K</th>
<th>VHA24R</th>
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<tbody>
<tr>
<td>HEATING BTU</td>
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<td>8200/8000</td>
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<td>—</td>
<td>—</td>
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<td>850</td>
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<td>4.5/4.7</td>
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### ELECTRICAL DATA

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<th>VEA24K</th>
<th>VHA09K</th>
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<th>VHA18K</th>
<th>VHA18R</th>
<th>VHA24K</th>
<th>VHA24R</th>
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<td>253-197</td>
<td>253-197</td>
<td>292/239</td>
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<td>292/239</td>
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<td>253-197</td>
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<tr>
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<td>4.0/4.3</td>
<td>5.0/5.4</td>
<td>8.1/8.6</td>
<td>10.0/10.4</td>
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<td>5.3/5.5</td>
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<td>INDOOR MOTOR (HP)</td>
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### PHYSICAL

<table>
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<th>VHA18K</th>
<th>VHA18R</th>
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<tr>
<td>NET WEIGHT (LBS)</td>
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<td>167</td>
<td>114</td>
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<td>SHIPPING WEIGHT (LBS)</td>
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### AIRFLOW DATA

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<th>VHA09K</th>
<th>VHA12K</th>
<th>VHA18K</th>
<th>VHA18R</th>
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<tbody>
<tr>
<td>INDOOR CFM*</td>
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<td>0.10 ESP</td>
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<td>365</td>
<td>285</td>
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<td>390</td>
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<td>375</td>
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### NOTES:

*TESTING

COOLING STANDARDS: 95°F DB/75°F WB OUTDOOR, 80°F DB/67°F WB INDOOR

HEATING STANDARDS: 47°F DB/43°F WB OUTDOOR, 70°F DB/60°F WB INDOOR

NORMAL VALUE WET COIL @ .1" ESP.

RATED CFM AT LOW SPEED: VEA09/VHA09...325 VHA12/VEA12...390 VEA18/VHA18...400 VEA24/VHA24...610

DUE TO CONTINUING RESEARCH IN NEW ENERGY-SAVING TECHNOLOGY, SPECIFICATIONS ARE SUBJECT TO CHANGE WITHOUT NOTICE.

Friedrich Air Conditioning Co. I 10001 Reunion Place, Suite 500 I San Antonio, TX 78216 I 877.599.5665 www.friedrich.com