



VERT-I-PAK®

VERTICAL SINGLE PACKAGE AIR CONDITIONERS
ELECTRIC HEAT | HEAT PUMP



Friedrich

give your property a more **homelike appearance**

a better system inside and out.

ideal for extended stay properties,
suites, assisted living facilities
and student housing



heat pump | electric heat | 9,500-24,000 btu/h

A simpler way to condition multiple rooms

A single VERT-I-PAK unit may be ducted for flexible zone cooling in multiple rooms.

Concealed installation

Guests will appreciate the homelike feel of a guest room or suite with a hidden cooling system. And, everyone enjoys the benefits and comfort of individual in-room temperature control.

Quieter than exposed cooling options

Because the VERT-I-PAK installs in a typical mechanical closet, units are quieter than other in-room air conditioning options. Even quieter operating sound levels may be achieved by insulating the closet.

Added value

VERT-I-PAK is less expensive to install and maintain than multiple units for multiple rooms. And energy efficient operation means lower operating costs.

Heat/cool larger areas and common spaces

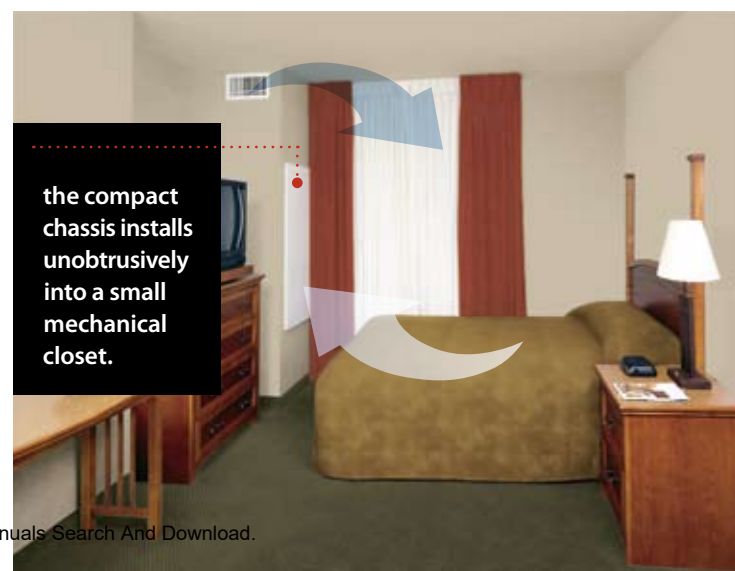
Available in capacities from 9,000 - 23,500 BTU/h, VERT-I-PAK units can easily cool larger suites and common areas.

Installs as easily as a PTAC

All units are pre-wired, charged and piped, so only electrical hook up is needed to be up and running.

100% run tested prior to shipment

Every unit is tested in every operating mode before it ships for optimal performance and reliability.



the compact
chassis installs
unobtrusively
into a small
mechanical
closet.



inside give your property a homelike appearance

VERT-I-PAK fits neatly into a typical mechanical closet, so you can create indoor living spaces that are more versatile. Guests and tenants will enjoy a quieter and more visually dynamic living environment.



outside no outdoor condensing units... no noise and clutter

The building exterior can be utilized for attractive patios, balconies and amenities. Vandalism and theft of outdoor units is eliminated.

premium features and advantages

Completely self-contained

Ultraquiet operation

Unique free-floating chassis

Eliminates the clutter of split systems and the need for multiple PTACs

No refrigerant lines running from floor to floor

Easy installation; does not require an HVAC technician

Standard safety power disconnect

Electronic control panel on unit for easy diagnostics and servicing

All units are shipped with return air filter installed

24-volt remote thermostat ready

10" crimped and beaded duct-collar ready to attach flex duct

Easy-to-connect, right or left drain connection

Installs easily on an outside wall

Corrosion resistant interior

Easy-to-install front, left, or right hand into closet

Compact and lightweight, weighs as little as 125 lbs.



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



RETURN AIR GRILLE/ACCESS PANEL

VPRG4

Hinged panel allows access to unit and return air filter. A field-supplied filter (16" x 20") is mounted inside the grille.

DIMENSIONS: 29" W x 58" H

CUTOUT DIMENSIONS: 27" W x 55 3/4" 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



SINGLE STAGE THERMOSTAT

RT4

Single stage, wall-mounted digital thermostat for control of Friedrich VERT-I-PAK.



vertical single package air conditioners

Specifications

MODEL		V(E,H)A09K	V(E,H)A12K	V(E,H)A18K	V(E,H)A24K
PERFORMANCE DATA					
Cooling Capacity	(Btu/h)	9,500	11,800	17,500	24,000/23,500
Max Heating Capacity	(Btu/h)	11,600	17,000	17,000	34,000
EER		10.8/10.5	10.8/10.5	9.3/9.3	9.5/9.5
Cooling	SHR	0.74	0.72	0.70	0.70
Heater Size	(KW)	2.5/3.4/5.0	2.5/3.4/5.0	2.5/3.4/5.0	3.4/5.0/7.5/10.0
HEAT PUMP DATA					
Heating Capacity	(Btu/h)	8,500	10,600	17,000	22,500
COP @ 47°F		3.0	3.2	3.0	3.0
ELECTRICAL DATA					
Voltage	(V)	230/208	230/208	230/208	230/208
Power Connection		Hard Wire	Hard Wire	Hard Wire	Hard Wire
PHYSICAL DATA					
Unit Width	(in)	23 1/8	23 1/8	23 1/8	23 1/8
Unit Depth	(in)	23 1/8	23 1/8	23 1/8	23 1/8
Unit Height	(in)	32 1/4	32 1/4	32 1/4	47 1/4
Shipping Weight	(lbs)	125	135	155	220
AIR FLOW DATA					
Indoor	CFM*	300	350	550	750
Fresh Air	CFM	60	60	60	60
Indoor	MAX ESP	.30	.30	.30	.40

NOTES:

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

Due to continuing research in new energy-saving technology, specifications are subject to change without notice.

*Normal Value Wet Coil @ .1" ESP.



5 YEAR WARRANTY

On the sealed refrigeration system. Limitations apply. Refer to warranty documentation for details.

See the full line of Friedrich products @ www.friedrich.com

Thru-the-wall Air Conditioners

Residential and commercial applications. WallMaster is the most energy efficient solid-side air conditioner and is an exact fit for Fedders A and B sleeves. Uni-Fit is adaptable to fit a variety of sleeve sizes.



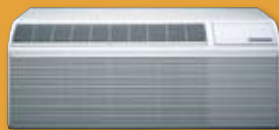
Ductless Split Systems

Sleek, absolutely quiet and incredibly energy efficient, with SEERs up to 19.0! There's never been a better time to upgrade to ductless air conditioning. Over 20 wall-mounted system configurations for up to four individual zones. Floor and ceiling models also available.



Packaged Terminal Air Conditioners

Energy efficient and extremely quiet. NEW remote control for added convenience. Programmable electronics with large LED display that provides precise temperature control. Installs thru-the-wall.



Portable Air Conditioners

Great for fast back-up or supplemental cooling. Can be quickly vented through a window or wall opening. Full display electronic controls and remote control. **IDEAL FOR:** garages, workshops, uncooled dorm rooms, bedrooms, attics, basements and many other locations.



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