

# RETROAIRE

The right fit for comfort

## A Vertical Packaged Unit that maximizes comfort with minimal expense

- Hotel/Motel
- Extended Care Facilities
- Apartments
- Dormitories



## VPRC/VPRH

### Single Package Vertical Unit

- Straight Cool/Heat Pump with Electric or Hydronic Heat
- R-410A Certified Efficiency
- 9,000 – 36,000 Btuh (2.8 – 10.5 kW) (Limited Range)
- New Construction or Replacement

RetroAire's new Vertical Packaged Unit, the VPRC/VPRH is an economical means to provide cooling and heating to multiple rooms. Proudly made in the United States of America, seven capacity sizes are available in both a cooling only (VPRC) and heat pump (VPRH) versions. RetroAire's Vertical Packaged Unit is installed in a closet which allows for ducting to adjacent rooms for maximum comfort at minimal expense. Ideally suited for hotel/motel, extended care and assisted living facilities, apartments and dormitories, the VPRC/VPRH allows for design flexibility to meet many applications.

### Versatility

Offered with many factory installed options, the VPRC/VPRH can be tailored for many applications. With optional control box locations, disconnect switches, duct collars, electric or hydronic heat, and coil corrosion protection, these units are some of the most versatile units on the market. Field-installed custom wall sleeves minimize space intrusion, leading to more valuable living space. Together with Return Air Access Panels the VPRC/VPRH provides a complete packaged system.

### Environmental Protection

RetroAire's VPRC/VPRH units use R-410A, a hydrofluorocarbon refrigerant blend. R-410A complies with the Montreal Protocol and does not have a scheduled phase-out date.

All VPRC/VPRH units satisfy the ASHRAE 90.1-2007 minimum efficiency Standards of 9.0 EER and 3.0 COP. All units are ARI Performance Certified to ARI-390 insuring their performance.

Quiet operation is inherent with the vertical packaged units. With insulation for thermal performance, lower sound levels are an added benefit.

# VPRC/VPRH Single Package Vertical Unit

## Easy Start-up and Reliable Operation

Each unit is 100% factory tested to insure a reliable start-up. A test function on the control board allows for a quick test of the unit's function at commissioning.

Built-in reliability control functions help to provide years of dependable service. The control prevents compressor short cycling, protects the unit from coil freeze-ups, and prohibits compressor operation in freezing temperatures to prolong the life of the compressor.



## Benefits for Owners

- R-410A, an HFC Refrigerant is not affected by the Montreal Protocol
- High Efficiency units save on utility bills
- Fresh Air Dampers allow for the introduction of fresh air into the space
- Quiet, reliable operation
- ETL/ETL<sub>c</sub> Listed

## Benefits for Contractors

- Easy to install, packaged air conditioner
- Wall sleeves are shipped in easy to assemble kits, reducing storage space on site
- Diagnostic Control Codes allow for quick start-up and troubleshooting

## Benefits for Specifying Engineers

- AHRI Certification ensures the performance matches the published ratings
- Wide capacity range to meet most applications
- Custom wall sleeves minimize intrusion into the space
- Multiple options to tailor the unit to many applications

VPRC	PERFORMANCE COOLING		PERFORMANCE HEATING		AUXILIARY HEAT							
	Capacity (Btuh)	EER	Capacity (Btuh)	COP	Electric Heat (kW @ 230 V)						Hydronic	
					2	3	4	5	7	10		15
09	9,000	9.0	N/A	N/A	X	X	X	X				X
12	12,000	9.0	N/A	N/A	X	X	X	X				X
18	17,200	9.0	N/A	N/A	X	X	X	X				X
19	18,400	9.0	N/A	N/A		X	X	X	X	X		X
24	23,200	9.0	N/A	N/A		X	X	X	X	X		X
30	31,600	9.0	N/A	N/A				X	X	X		
36	35,600	9.0	N/A	N/A				X	X	X	X	

VPRH	PERFORMANCE COOLING		PERFORMANCE HEATING		AUXILIARY HEAT							
	Capacity (Btuh)	EER	Capacity (Btuh)	COP	Electric Heat (kW @ 230 V)						Hydronic	
					2	3	4	5	7	10		15
09	9,000	9.0	9,000	3.0	X	X	X	X				X
12	12,000	9.0	11,400	3.0	X	X	X	X				X
18	17,200	9.0	16,200	3.0	X	X	X	X				X
19	18,400	9.0	16,400	3.0		X	X	X	X	X		X
24	23,200	9.0	21,600	3.0		X	X	X	X	X		X
30	31,600	9.0	32,000	3.0				X	X	X		
36	35,600	9.0	36,000	3.0				X	X	X	X	

Contact your local RetroAire Representative or call RetroAire for more details. Specifications subject to change without notice.



Intertek

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