

PURCHASER	P.O. #	DATE
PROJECT	LOCATION	
ENGINEER	ARCHITECT	
SUBMITTED BY	FOR APPROVAL	FOR REFERENCE

ITEM	PLAN DESIGNATION	QUANTITY	COOLING Btu	VOLTAGE	FRIEDRICH MODEL

A-SERIES ACCESSORIES (Wall Plenum and Outdoor Louver are required)

VPAWP1-8 Adjustable Wall Plenum (5 ½"- 8")	Qty		RT7 Wired Digital Wall Thermostat	Qty	
VPAWP1-14 Adjustable Wall Plenum (8"-14")	Qty		RT7P Wired Programmable Wall Thermostat	Qty	
VPAL2 Architectural Louver	Qty		WRT2 Wireless Digital Wall Thermostat	Qty	
VPSC2 Architectural Louver (color matched)	Qty		EMRT2 Wired Thermostat with Occupancy Sensor	Qty	
VPASA1 Sleeve adapter for exact fit in existing First Com- pany SPXR-series with small chassis VPAK	Qty		EMWRT2 Wireless Thermostat with Occupancy Sensor	Qty	
VPRG4 Return Air Grille/Access Panel	Qty		EMOCT Online Connection Kit	Qty	
VPRG4R Access Panel (Right In-swing)	Qty		EMRAF Remote Access Fee	Qty	
VPDP2 Drain Pan for VHA18 & VHA24	Qty		VPFK0912-2 2 inch MERV 13 filter bracket for VHA09, VHA12	Qty	
APWR1 FreshAire® purifier features bi-polar ionization	Qty		VPFK0912U 2-4 inch MERV 13 filter bracket for VHA09, VHA12	Qty	
UVT1 Germicidal UV light kit	Qty		VPFK1824-2 2 inch MERV 13 filter bracket for VHA18, VHA24	Qty	
			VPFK1824U 2-4 inch MERV 13 filter bracket for VHA18, VHA24	Qty	

FEATURES

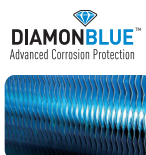
- Rated to SEER2 and HSPF2
- Higher indoor blower CFM
- Heat Pump operation down to 10°F
- Back up electric heat
- Active Defrost Cycle
- Lower breaker size than current models (in some cases)
- Rectangular conditioned air opening for all models
- Diamonblue™ Advanced Corrosion Protection on both the indoor and outdoor coils (summer 2024)
- 23 x 23 footprint
- R-410A refrigerant

Active defrost

- Short Defrost Cycle
- Electric Heat during Defrost Cycle

Base pan heater

- No condensate ice build up in colder conditions
- Continuous operation



18000 & 24000 BTU models use secondary gravity-fed drain (VPDP2).

VERT-I-PAK® SPECIFICATIONS

Model	VHA09K	VHA09R	VHA12K	VHA12R	VHA18K	vha18r	VHA24K	VHA24R
COOLING DATA								
Cooling Capacity @ 95°F (Btu/hr)	9000	9000	11000	11000	17600	17400	21800	21600
S.(Btu/hr)	6650	6650	8100	8100	12500	12500	15400	15000
seer2	11.9	11.9	11.9	11.9	11.9	11.9	11.9	11.9
EER2	10.6	10.6	10.6	10.6	10.6	10.6	10.6	10.6
HEAT PUMP DATA								
Heating Capacity @ 47°F (Btu/hr)	8200	8200	10400	10400	16000	16000	18500	18500
Heating Capacity @ 17°F (Btu/hr)	4500	4500	5600	5600	9000	9000	12000	12000
hspf2	6.3	6.3	6.3	6.3	6.3	6.3	6.3	6.3
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
ELECTRICAL DATA								
Voltage (1 PHASE, 60 Hz)	208-230	265	208-230	265	208-230	265	208-230	265
PHYSICAL								
Dimensions (W x D x H)	23"x 23"x 32"	23"x 23"x 32"	23"x 23"x 32"	23"x 23"x 32"	23"x 23"x 47"	23"x 23"x 47"	23"x 23"x 52"	23"x 23"x 52"
Refrigerant	r410A							
AIRFLOW DATA								
Ventilation CFM	up to 60 cfm							
Airflow (0.3") CFM	300		350		550		600	

NOTES:
 Test Ratings based on AHRI Standard 210/240-2023.
 Normal Value Wet Coil @ .3" ESP.

