

# Friedrich®

## VERT-I-PAK® SINGLE PACKAGE AIR CONDITIONERS

Purchaser:	P.O. #	Date:
Project:	Location:	
Engineer:	Architect:	
Submitted By:	For Approval:	For Reference:

ITEM	PLAN DESIGNATION	QUANTITY	COOLING BTU/H	VOLTAGE	FRIEDRICH MODEL

### A-SERIES

**ACCESSORIES [Wall Plenum and Outdoor Louver are required.]**

VPAWP1-8 Adjustable Wall Plenum (5-1/2"-8")	Qty	VPRG3 Return Air Grille/Access Panel	Qty
VPAWP1-14 Adjustable Wall Plenum (8"-14")	Qty	VPRG2 Return Air Grille (for wall or door)	Qty
VPAL2 Architectural Louver	Qty	VPSC2 Architectural louver (color matched)	Qty
RT1 Remote Digital Electric Wall Thermostat	Qty		



#### A-SERIES VERT-I-PAK® FEATURES

- Ultra-quiet operation
- Compact 23-1/8" x 23-1/8" footprint
- Chassis-mounted quick disconnect
- Fresh air intake built-in
- 24 volt transformer pre-wired for standard wall thermostat
- 10" diameter duct collar
- Vibration isolators
- Copper tube/aluminum fin coils
- Single direct-drive, totally enclosed fan motor
- Interior/Exterior condensate drain
- Freeze protection
- ETL listed
- Made in the U.S.A.

Model	Cooling BTU/h	Heat Pump BTU/h	KW	Volts	Electric Heat Amps	EER	Width in.	Height* in.	Depth in.	Circuit Breaker	Weight lbs.
VEA09K25	9500/ 9300	8500/ 8300	2.5	230/208	11.9/11.2	10.0	23-1/8	32-1/4	23-1/8	15	125
VEA09K34			3.4		15.9/14.6					20	
VEA09K50			5.0		22.6/20.6					30	
VEA12K25	12000/ 11800	11000/ 10800	2.5	230/208	11.9/11.2	9.1	23-1/8	32-1/4	23-1/8	15	135
VEA12K34			3.4		15.9/14.6					20	
VEA12K50			5.0		22.6/20.6					30	
VEA18K25	18000/ 17800	15700/ 15500	2.5	230/208	11.9/11.2	8.7	23-1/8	32-1/4	23-1/8	15	155
VEA18K34			3.4		15.9/14.6					20	
VEA18K50			5.0		22.6/20.6					30	
VHA09K25	9500/ 9300	8500/ 8300	2.5	230/208	11.9/11.2	10.0	23-1/8	32-1/4	23-1/8	15	125
VHA09K34			3.4		15.9/14.6					20	
VHA09K50			5.0		22.6/20.6					30	
VHA12K25	12000/ 11800	11000/ 10800	2.5	230/208	11.9/11.2	9.1	23-1/8	32-1/4	23-1/8	15	135
VHA12K34			3.4		15.9/14.6					20	
VHA12K50			5.0		22.6/20.6					30	
VHA18K25	18000/ 17800	15700/ 15500	2.5	230/208	11.9/11.2	8.7	23-1/8	32-1/4	23-1/8	15	155
VHA18K34			3.4		15.9/14.6					20	
VHA18K50			5.0		22.6/20.6					30	

\*Height includes 2" duct collar and vibration isolators.

Heat Pumps automatically change to electric back-up heat at 47°F.

**VPAKSUB (4/02)**

## B-SERIES

### ACCESSORIES [Wall Plenum and Outdoor Louver are required for through the wall applications.]

VPWP3-8/14* Wall Plenum for 18,000 and 24,000 Btu.	Qty		VPAL3/VPSC3 Architectural Louver for VPWP3.	Qty	
VPWP4-8/14* Wall Plenum for 24,000, 30,000 and 36,000 Btu.	Qty		VPAL4/VPSC4 Architectural Louver for VPWP4.	Qty	
VPWP5-8/14* Wall Plenum for 36,000, 42,000 and 48,000 Btu.	Qty		VPAL5/VPSC5 Architectural Louver for VPWP5.	Qty	
VPWP6-8/14* Wall Plenum for 60,000 Btu.	Qty		VPAL6/VPSC6 Architectural Louver for VPWP6.	Qty	
VPHWC2/3 – packaged hydronic coil and circulating pump. (VPHWC2 fits up to 36,000, VPHWC3 fits 42,000 and 48,000)	Qty		VPDB1 Distribution block allows single point power connection on Vert-I-Pak B-series units.	Qty	
*-8 plenums are adjustable from 4 ½" – 8", -14 plenums adjust from 8" – 14".			VPRT6 Remote Wall Thermostat.	Qty	



### B-SERIES VERT-I-PAK® FEATURES

- Ultra-quiet operation
- Compact footprint fits conveniently in most closets
- Return air and outdoor air may be ducted
- Quiet and efficient scroll compressors
- Chassis mounted electrical disconnect
- 24 volt transformer pre-wired for standard wall thermostat
- Fresh air intake built-in
- Internally trapped condensate piping
- Front access panels allow easy service of unit
- Pre-formed duct flange
- High efficiency heat pump units
- ETL listed
- Made in the U.S.A.

Model	Cooling BTU/h	Heat Pump BTU/h	KW	Volts	Electric Heat Amps	SEER	Width in.	Height in.	Depth in.	Circuit Breaker	Weight lbs.
VEB18K05	17000	N/A	5.0	230/208	20.8	10.0	30.00	68.00	21.00	(20)30	320
VEB18K10			10.0		41.6					(20)60	
VEB24K05	22000	N/A	5.0	230/208	20.8	10.0	30.00	68.00	21.00	(25)30	320
VEB24K10			10.0		41.6					(25)60	
VEB30K10	30000	N/A	10.0	230/208	41.6	10.0	30.00	68.00	21.00	(30)60	330
VEB30K15			15.0		62.4					(30)30,60	
VEB36K10	35000	N/A	10.0	230/208	41.6	10.0	30.00	68.00	21.00	(40)60	340
VEB36K15			15.0		62.4					(40)30,60	
VEB42K10	43000	N/A	10.0	230/208	41.6	9.8	38.00	68.00	28.00	(50)60	440
VEB42K15			15.0		62.4					(50)30,60	
VEB49K15	48500	N/A	15.0	230/208	62.4	9.8	38.00	68.00	28.00	(60)30,60	460
VEB49K20			20.0		83.2					(60)60,60	
VEB60K20	58000	N/A	20.0	230/208	83.2	9.9	45.00	77.00	30.50	(60)60,60	540
VEB60K25			25.0		104.2					(60)30,60,60	
VHB18K05	17000	17000	5.0	230/208	20.8	10.0	30.00	68.00	21.00	(20)30	320
VHB18K10			10.0		41.6					(20)60	
VHB24K05	22000	22000	5.0	230/208	20.8	10.0	30.00	68.00	21.00	(25)30	320
VHB24K10			10.0		41.6					(25)60	
VHB30K10	30000	30000	10.0	230/208	41.6	10.0	30.00	68.00	21.00	(30)60	330
VHB30K15			15.0		62.4					(30)30,60	
VHB36K10	35000	34000	10.0	230/208	41.6	10.0	30.00	68.00	21.00	(40)60	340
VHB36K15			15.0		62.4					(40)30,60	
VHB42K10	43000	40000	10.0	230/208	41.6	9.8	38.00	68.00	28.00	(50)60	440
VHB42K15			15.0		62.4					(50)30,60	
VHB49K15	48500	47000	15.0	230/208	62.4	9.8	38.00	68.00	28.00	(60)30,60	460
VHB49K20			20.0		83.2					(60)60,60	
VHB60K20	58000	59000	20.0	230/208	83.2	9.9	45.00	77.00	30.50	(60)60,60	540
VHB60K25			25.0		104.2					(60)30,60,60	