



VRP® Variable Refrigerant Packaged Heat Pump

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

ITEM	PLAN DESIGNATION	QUANTITY	COOLING Btu	VOLTAGE	FRIEDRICH MODEL

Item	Description	QTY.	CHECK LIST
VPAL2	Architectural louver - 30° Blade angle		Louvers One required per unit
VRSC2	Architectural louver - 30° Blade angle - Custom color (Special order)		
VRPXALA	Architectural louver - 30° Blade angle		
VRPXSCA	Architectural louver - 30° Blade angle - Custom color (Special order)		
VRPXALB	Architectural louver - 30° Blade angle		
VRPXSCB	Architectural louver - 30° Blade angle - Custom color (Special order)		
VRPXALC	Architectural louver - 30° Blade angle		
VRPXSCC	Architectural louver - 30° Blade angle - Custom color (Special order)		Wall Plenums One required per unit
VPAPW1-8	Vert-I-Pak/VRP floating chassis, telescoping wall plenum - 4"-8" wall depth		
VPAPW1-14	Vert-I-Pak/VRP floating chassis, telescoping wall plenum - 8"-14" wall depth		
VRPXWPA-8	VRP floating chassis, telescoping wall plenum - 4"-8" wall depth		
VRPXWPA-14	VRP floating chassis, telescoping wall plenum - 8"-14" wall depth		
VRPXWPB-8	VRP floating chassis, telescoping wall plenum - 4"-8" wall depth		
VRPXWPB-14	VRP floating chassis, telescoping wall plenum - 8"-14" wall depth		
VRPXWPC-8	VRP telescoping wall plenum - 4"-8" wall depth		Access Panels One required per unit
VRPXWPC-14	VRP telescoping wall plenum - 8"-14" wall depth		
VPRG4	Vert-I-Pak/VRP louvered access panel - left in-swing		Required for VRP07
VPRG4R	Vert-I-Pak/VRP louvered access panel - right in-swing		
VRXPAP1	VRP louvered access panel (left and right in-swing)		Filter Accessories
VRXPAPPR1	VRP hanging perimeter return access panel		
VPDP2	VRP07 auxiliary drain pan (Required)		Wall Controllers One required per unit
VRPXFk-2	Filter bracket kit for 2" deep filters (up to MERV 13) - includes gasket		
VPFKU	Telescoping filter bracket kit for 2" - 4" deep filters (up to MERV 13) - includes gasket		
VRPXWCT	Wired standard VRP wall controller		
VRPXEMRT2	Wired energy management wall controller		
VRPXEMWRT2	Wireless (to the unit) energy management controller		Optional Energy Management Accessories
VRPXEMRT2LC	Wired energy management wall controller with lighting control (Requires EMROS)		
VRPXEMRT2HC	Wired energy management wall controller with Hilton Connect Room (RTM) compatibility		
EMOCT	Energy management online connection kit		
EMRAF	Energy management online remote access fee		
EMROS	Energy management wired remote occupancy sensor		
EMRTS	Energy management remote temperature sensor		
EMRDS	Energy management door switch		
EMCWP	Energy management J-box wall-plate		
EMRWOS	Energy management wireless remote occupancy sensor		

Unit Features

VRP[®]

Unitary Package Design

- Low upfront installed cost
- Ease of replacement or maintenance
- "In closet" installation provides maximum design flexibility
- No structural requirements to support rooftop systems
- No hiding fields of condensing units
- Patented telescoping plenum adapts to more installation types
- Unique free-floating chassis means no metal-to-metal contact
- Reduced noise from vibration transfer improves guest experience
- Fully insulated cabinets for improved sound characteristics

Precision Inverter[®] Technology

- Highly efficient - up to 15.0 SEER2
- Low ambient operation down to 0° F
- Economical to operate - Huge savings in operational costs
- Precise cooling or heating to match the required capacity
- Reaches desired temperature faster than conventional air conditioners
- Quieter operation than conventional air conditioners
- Improved guest comfort



VRP07
Shown with field-supplied
MERV 13 filter option



VRP12



VRP24

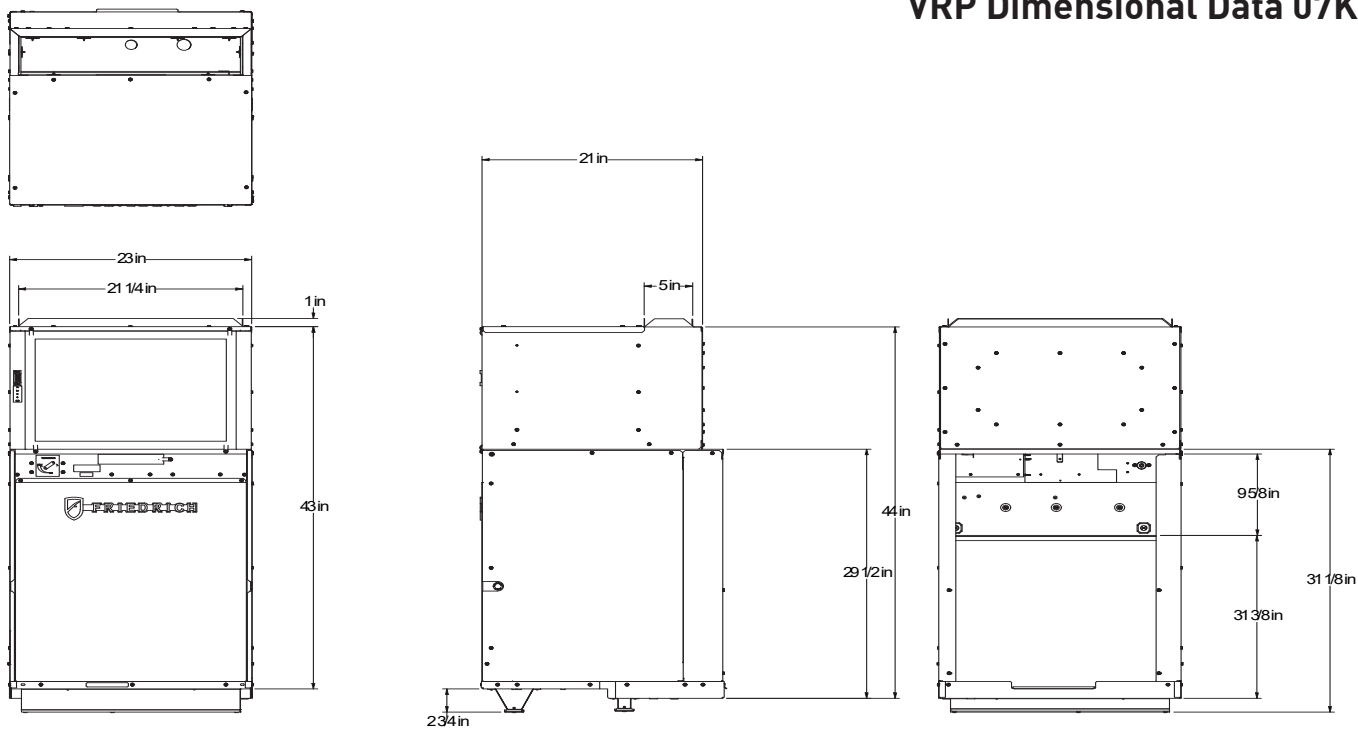


VRP36

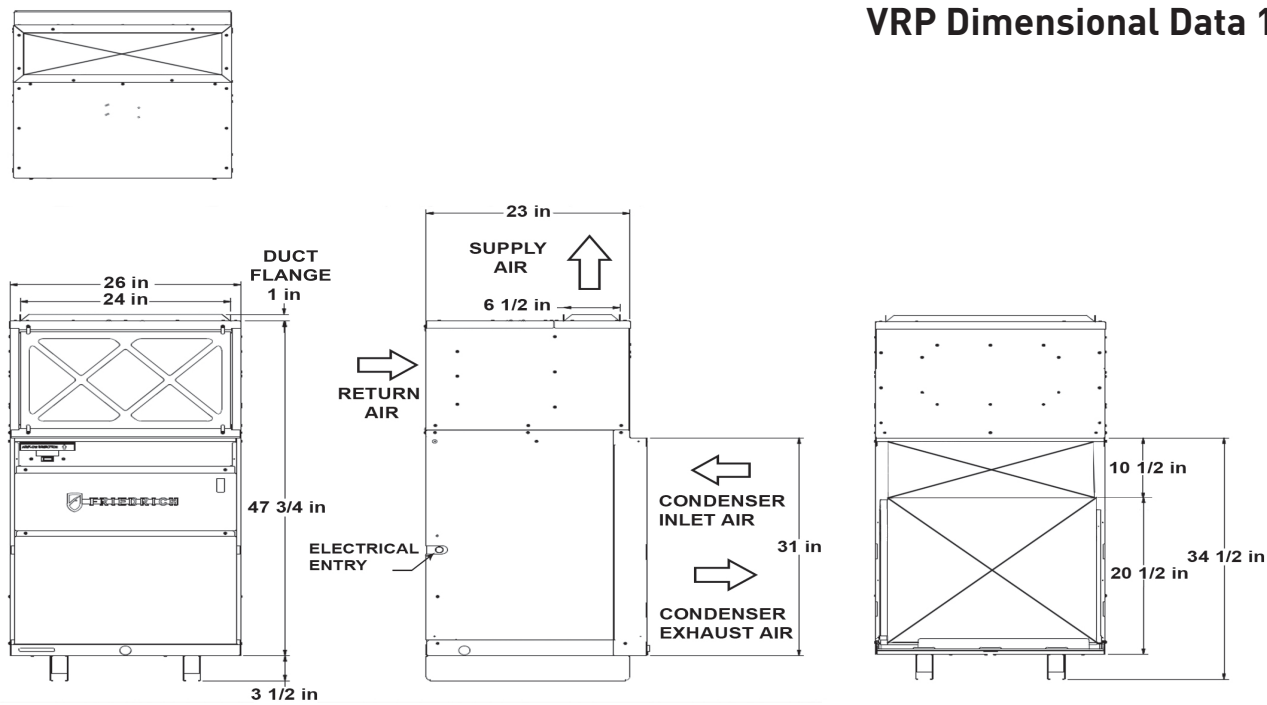


Unit Dimensions

VRP Dimensional Data 07K

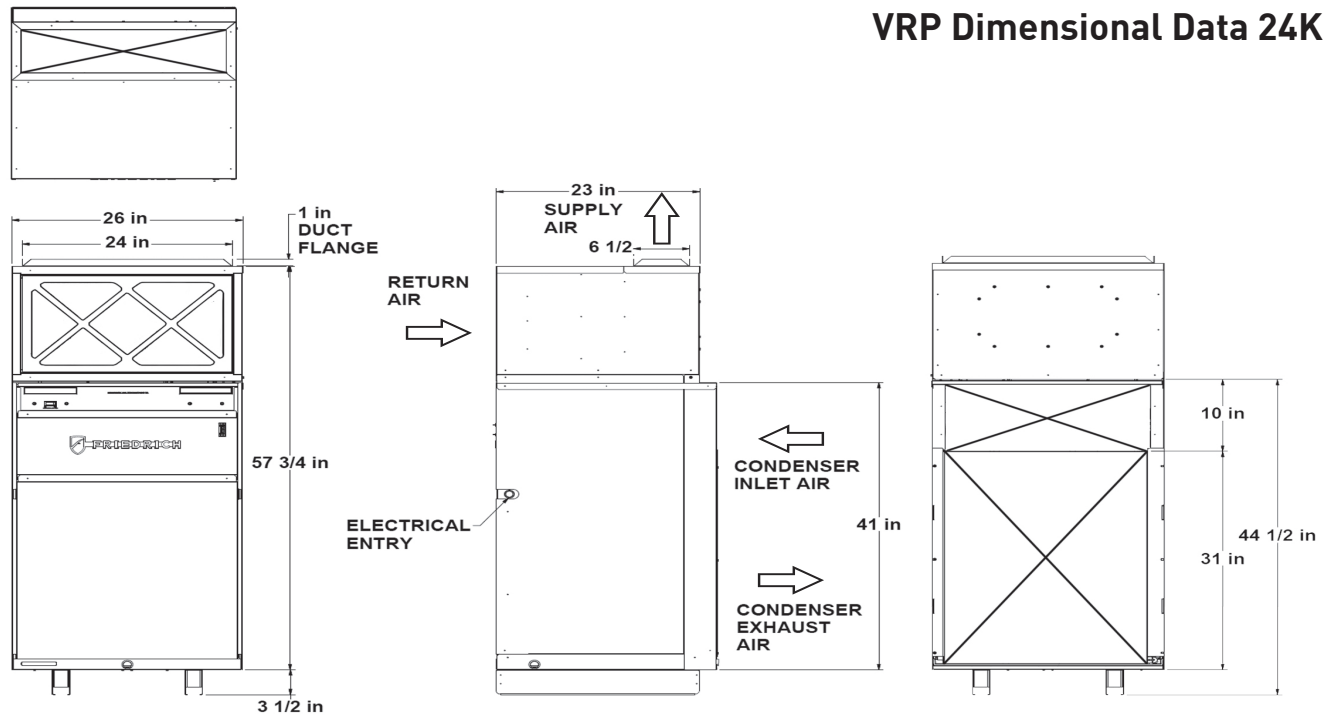


VRP Dimensional Data 12K

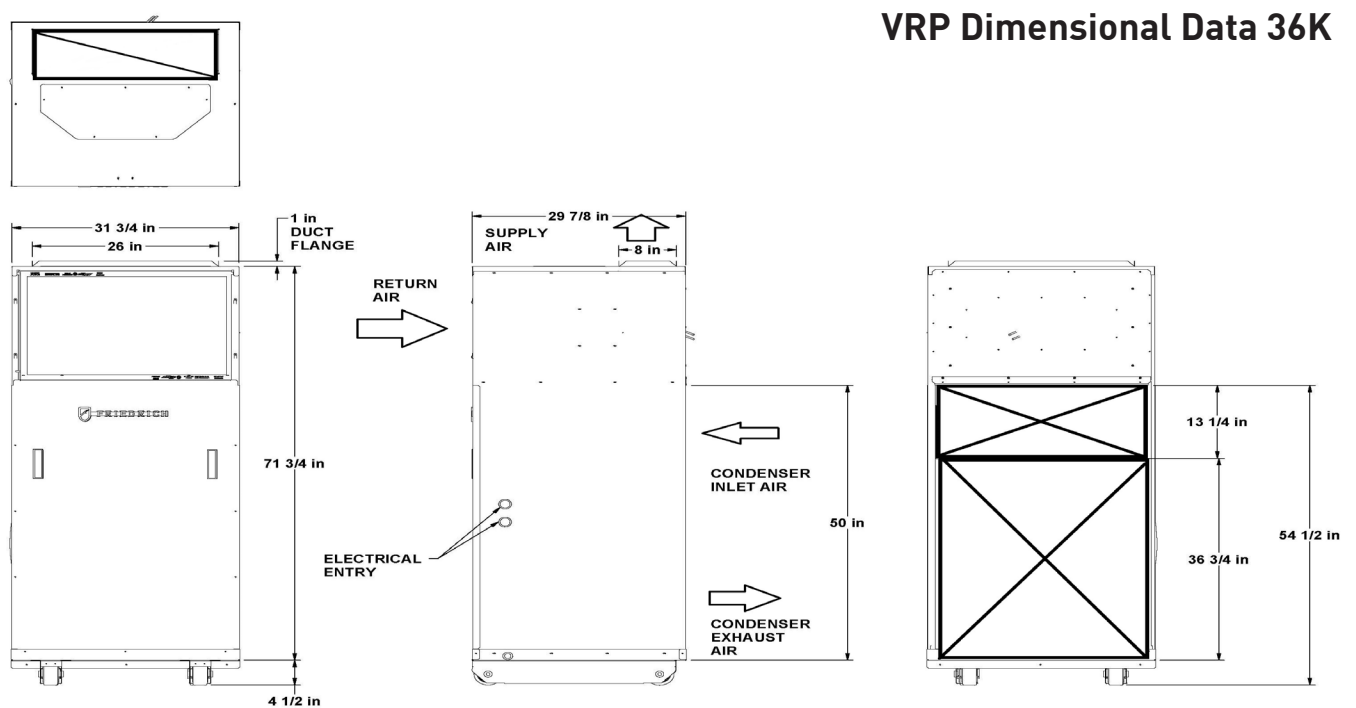


Unit Dimensions

VRP Dimensional Data 24K



VRP Dimensional Data 36K



Specifications

Model	VRP07K/VRP07R	VRP12K/VRP12R	VRP24K/VRP24R	VRP36K
Cooling Performance Data (Cooling Standards: 95°F DB/75°F Outdoor, 80°F DB/67° WB Indoor)				
Voltage	230/208 265	230/208 265	230/208 265	230/208
Cooling Btu (Rated)	7,000	11,500	23,400	33,400
Cooling Btu (Min. - Max)	3,800 - 10,000	5,400 - 16,000	14,500 - 28,000	20,000 - 36,000
Outdoor Operating Range (°F)	55 - 115	55 - 115	55 - 115	55 - 115
Power (W)	673	1,106	2,925	3,310
SEER2	15.2	15.1 14.7	13.7	14.7
EER2	10.4	10.4	8.0	10.1
Sensible Heat Ratio	77%	74%	74%	78%
Cooling Amps	3.5	5.3 4.6	13.9 11.9	15.7
Heat Pump Performance Data				
Voltage	230/208 265	230/208 265	230/208 265	230/208
Heating Btu (Rated @ 47°F)	7,000	11,200	21,000	28,600
Heating Btu (@ 17°F)	4,300	6,200	13,000	19,200
Heating Btu (Min. - Max)	2,800 - 9,000	4,000 - 14,000	12,000 - 26,000	16,000 - 30,000
Heat Pump Outdoor Operating Range (°F)*	0 - 70	0 - 70	0 - 70	0 - 70
COP (Rated @ 47°F)	3.1	3.4	3.1	3.25
HSPF2	7.2	7.1	6.7	6.7
Heating Power (W)	662	1,189	2,800	2,980
Heating Amps	3.5	4.8	9.1	12.3

*May experience some loss in capacity. Continuous operation is not guaranteed.

Model	VRP07K/VRP07R	VRP12K/VRP12R	VRP24K/VRP24R	VRP36K
Dimensions (W x D x H)	22 15/16" x 22 13/16" x 44 15/16"	26 1/8" x 25 1/8" x 52"	26 1/8" x 25 1/8" x 62"	31 3/4" x 29 7/8" x 77 1/4"
Shipping Dimensions (W x D x H)	25" x 25" x 48 1/4"	28 1/8" x 27 3/8" x 54 1/2"	28 1/8" x 27 3/8" x 64 1/2"	34" x 35" x 81"
Net Weight (lbs.)	161	215	255	330
Shipping Weight (lbs.)	165	276	316	357
R410A Charge (oz.)	31.0	49.8	68.3	125

One or more of the following patents may apply: 10408504, 10436457, 10488083. Additional patents pending.

