



## AFFORDABLE AND EFFICIENT TO FIT YOUR LIFESTYLE



### ELEVATE THE ATMOSPHERE IN ANY ROOM.

The Energy Star®-compliant Vireo+ line brings dramatic new performance and style to every room. Never before has it been so easy to maintain constant indoor comfort, regardless of the outdoor conditions.

- HIGH EFFICIENCY, 23 SEER / 11 HSPF
- SLEEK LOOK TO BLEND WITH YOUR DECOR
- PRECISE AIRFLOW CONTROL
- WIFI INCLUDED

- G10 inverter technology
- 9,000 - 36,000 BTU models
- Heat pump advantage
- Rugged construction
- Multiple fan speeds
- Intelligent defrost
- Acrylic resin coil coating
- Low voltage start-up
- Timer function
- Automatic voltage adaption
- Intelligent preheating
- Washable, polymeric air filters
- Remote & wired controller options
- I-Feel function
- Swing louver control
- Privacy lock mode
- Sleep function
- Energy saving mode
- Fahrenheit / Celsius
- LED display settings
- Self-diagnosis
- Advanced filter options



MODEL		VIR09HP115V1B	VIR12HP115V1B	VIR09HP230V1B	VIR12HP230V1B	VIR18HP230V1B	VIR24HP230V1B	VIR30HP230V1B	VIR36HP230V1C
System Type		HEAT PUMP							
<b>SYSTEM PERFORMANCE</b>									
Cooling Capacity (Min-Max)	Btu/h	9000 (2764 - 10918)	12000 (3514 - 14569)	9000 (3100 - 9600)	12000 (3100 - 13000)	18000 (6800 - 20000)	22000 (6824 - 27296)	28000 (9485 - 30026)	33600 (7404 - 35997)
Heating Capacity (Min-Max)	Btu/h	9900 (2081 - 13989)	12200 (2764 - 16582)	11000 (1911 - 12000)	13000 (2400 - 14000)	19800 (7340 - 23500)	23000 (6824 - 30708)	28400 (9997 - 32994)	34600 (14979 - 35997)
SEER / EER		23 / 12.9	22 / 12.5	23 / 14.3	22 / 12.5	20 / 12.5	20 / 12.5	18 / 10.35	18 / 8.2
HSPF / COP		10.5 / 3.12	10.2 / 3.61	10.5 / 3.16	10.1 / 3.46	10 / 3.35	10 / 3.7	9 / 2.97	9 / 2.67
Energy Star®		YES						NO	
Cooling Temperature Range	°F	0 - 115	0 - 115	0 - 115	0 - 115	0 - 115	0 - 115	0 - 115	0 - 109
Heating Temperature Range	°F	-4 - 75	-4 - 75	-4 - 75	-4 - 75	-4 - 75	-4 - 75	-4 - 75	-4 - 75
<b>INDOOR UNIT</b>									
Air flow (Min-Max)	CFM	171 - 377	171 - 400	171 - 377	171 - 400	335 - 559	530 - 706	412 - 706	559 - 883
Sound Pressure Level (Cooling / Heating)	dB(A)	26 - 43 / 26 - 43	26 - 43 / 28 - 43	29 - 43 / 29 - 43	26 - 43 / 28 - 43	39 - 47 / 36 - 47	36 - 48 / 37 - 48	37 - 51 / 37 - 51	37 - 54 / 37 - 54
Dehumidification	pt/hr	1.69	2.96	1.69	2.96	3.8	4.23	6.34	7.4
Condensate Drain Size (OD)	in	5/8	5/8	5/8	5/8	5/8	5/8	5/8	5/8
Unit Dimension (WxHxD)	in	33 5/16 x 11 7/16 x 8 5/16	33 5/16 x 11 7/16 x 8 5/16	33 5/16 x 11 7/16 x 8 5/16	33 5/16 x 11 7/16 x 8 5/16	38 3/16 x 11 13/16 x 8 7/8	42 7/16 x 12 13/16 x 9 3/4	53 1/8 x 12 13/16 x 10	53 1/8 x 12 13/16 x 10
Package Dimension (WxHxD)	in	36 1/8 x 14 5/16 x 11	36 1/8 x 14 5/16 x 11	36 1/8 x 14 5/16 x 11	36 1/8 x 14 5/16 x 11	41 x 15 x 12	45 1/4 x 16 1/8 x 13 1/8	56 5/8 x 16 1/2 x 13 7/8	56 5/8 x 16 1/2 x 13 7/8
Weight (Net / Gross)	lbs	23.2 / 27.6	23.2 / 27.6	22.1 / 26.5	22.1 / 26.5	27.6 / 34.2	34.2 / 41.9	41.9 / 51.8	40.8 / 50.7
<b>OUTDOOR UNIT</b>									
Compressor Type		GREE G-10 / 2 - STAGE INVERTER							
Sound Pressure Level (Cooling / Heating)	dB(A)	53 / 53	53 / 53	53 / 53	54 / 54	55 / 55	59 / 59	62 - 72 / 62 - 72	65 / 65
Unit Dimension (WxHxD)	in	33 7/16 x 21 3/16 x 12 5/8	33 7/16 x 23 5/16 x 12 5/8	33 7/16 x 21 3/16 x 12 5/8	33 7/16 x 23 5/16 x 12 5/8	37 5/8 x 27 5/8 x 15 5/8	38 5/8 x 31 1/8 x 16 13/16	38 5/8 x 31 1/8 x 16 13/16	39 1/2 x 31 1/8 x 16 13/16
Package Dimension (WxHxD)	in	34 5/8 x 22 13/16 x 14 3/16	34 5/8 x 24 13/16 x 14 3/16	34 5/8 x 22 13/16 x 14 3/16	34 5/8 x 24 13/16 x 14 3/16	40 7/16 x 28 7/8 x 17 7/8	42 1/2 x 33 x 19 1/8	42 1/2 x 33 x 19 1/8	42 1/2 x 33 x 19 1/8
Weight (Net / Gross)	lbs	71.7 / 77.2	77.2 / 83.8	78.3 / 83.8	86.0 / 92.6	105.8 / 115.8	142.2 / 153.2	154.4 / 165.4	158.8 / 169.8
Refrigerant Charge - R410A	oz	42.3	47.6	45.9	47.6	56.4	77.6	84.7	91.7
Coil Type		Aluminum Fin-Copper Tube / Acrylic Resin Protection							
<b>REFRIGERANT PIPING</b>									
Line Set Size (Liquid - Gas)	in	1/4 - 3/8	1/4 - 1/2	1/4 - 3/8	1/4 - 1/2	1/4 - 5/8	1/4 - 5/8	1/4 - 5/8	1/4 - 5/8
Pre-Charge Length	ft	25							
Pipe Length (Min / Max)	ft	10 / 49	10 / 66	10 / 49	10 / 66	10 / 82	10 / 82	10 / 98	10 / 98
Max. Pipe Elevation	ft	33	33	33	33	33	33	33	33
<b>ELECTRICAL</b>									
Power Supply		115V / 1Ph / 60Hz				208-230V / 1Ph / 60Hz			
Rated Current Cooling	amps	11.3	11.5	5.8	6	10.3	14.5	17	20
Rated Current Heating	amps	10.7	12	6	6.3	126	14.5	17.5	20
MCA	amps	12	17	15	9	16	20	20	24
MOCP	amps	20	25	25	15	25	30	30	40
Main Power Wire Size	AWG	Per Local Code							
Interconnecting Wire Size	AWG	14 / 4							
LIMITED WARRANTY		10 Years Parts and Compressor - Residential							