



## EFFICIENT AND FLEXIBLE TO FIT YOUR LIFESTYLE



### WHEN YOU WANT OPTIONS, HIGH PERFORMANCE AND EFFICIENCY

VIREO systems provide the utmost flexibility and performance. With a wide range of indoor unit options, the Vireo fits with any decor or situation. The system's high performance delivers ample heating and cooling for both seasons and operates with utmost efficiency. Finally, the VIREO is whisper-quiet for ultimate comfort.

- UP TO 26.0 SEER2 / 15.0 EER2 / 10.4 HSPF2 EFFICIENCY
- COOLING RANGE: -20°F - 122°F
- HEATING RANGE: -22°F - 86°F
- MAXIMUM LINE LENGTH: 131 FT.

- Auto Clean
- Dehumidification
- I-Feel functionality
- Self-diagnosis
- Multiple fan speeds
- Automatic voltage adaptation
- Low voltage start-up
- Swing louver control



SYSTEM TYPE		HEAT PUMP				
Outdoor Model		VIR09HP230V1R32AO	VIR12HP230V1R32AO	VIR18HP230V1R32AO	VIR24HP230V1R32AO	
Indoor Model		VIR09HP230V1R32AH	VIR12HP230V1R32AH	VIR18HP230V1R32AH	VIR24HP230V1R32AH	
SYSTEM PERFORMANCE						
Cooling Capacity	Min - Max	Btu/h	2,730 - 12,966	2,729.6 - 15,012.8	5,118 - 22,178	3,340 - 28,660
	Rated Capacity @95°F	Btu/h	9,100	12,000	18,000	22,000
Heating Capacity	Min - Max	Btu/h	2,388 - 15,013	3,070.8 - 15,695.2	4,436 - 22,178	3,300 - 31,390
	Rated Capacity @47°F	Btu/h	10,500	12,000	18,000	24,000
	Rated Capacity @17°F	Btu/h	8,800	10,000	14,700	20,000
	Rated Capacity @5°F	Btu/h	9,500	11,000	14,600	16,000
SEER2			26.0	24.5	24.5	26.0
EER2			15.0	13.0	13.65	13.65
HSPF2			10.4	9.5	9.0	10.0
COP @5°F			1.88	1.95	1.9	1.8
Energy Star® South			YES	YES	YES	YES
Energy Star® Certified with Cold Climate Designation			YES	YES	YES	NO
Cooling Temperature Range	°F		-20 - 122	-20 - 122	-20 - 122	-20 - 122
Heating Temperature Range	°F		-22 - 86	-22 - 86	-22 - 86	-22 - 86
Refrigerant Type			R32			
INDOOR UNIT		VIR09HP230V1R32AH	VIR12HP230V1R32AH	VIR18HP230V1R32AH	VIR24HP230V1R32AH	
Air flow (Min - Max)	CFM	194 - 353	230 - 400	324 - 589	383 - 736	
Sound Pressure Level (Min - Max)	dB(A)	20 - 41	20 - 43	27 - 48	34 - 52	
Dehumidification	pt/hr	1.69	2.96	3.80	4.23	
External Dimensions (W x H x D)	in	32-31/64 x 11-17/32 x 7-23/32	32-31/64 x 11-17/32 x 7-23/32	38-21/32 x 12-1/4 x 8-45/64	42-21/64 x 13-7/64 x 9-11/16	
Package Dimension (W x H x D)	in	34-29/64 x 14-3/8 x 10-35/64	34-29/64 x 14-3/8 x 10-35/64	41-7/64 x 15-5/32 x 11-11/16	44-39/64 x 16-19/64 x 13-7/64	
Net Weight	lbs	20.9	20.9	28.7	35.3	
Gross Weight	lbs	25.4	25.4	34.2	41.9	
OUTDOOR UNIT		VIR09HP230V1R32AO	VIR12HP230V1R32AO	VIR18HP230V1R32AO	VIR24HP230V1R32AO	
Compressor Type		GREE G20 / SINGLE CYLINDER / 1 - STAGE INVERTER				
Sound Pressure Level	dB(A)	52	52	59	58	
External Dimensions (W x H x D)	in	31-37/64 x 21-27/32 x 13-25/32	31-37/64 x 21-27/32 x 13-25/32	37-23/32 x 25-63/64 x 15-53/64	37-23/32 x 25-63/64 x 15-53/64	
Package Dimension (W x H x D)	in	34-21/64 x 24-13/32 x 15-43/64	34-21/64 x 24-13/32 x 15-43/64	40-5/8 x 29-1/64 x 17-61/64	40-5/8 x 29-1/64 x 17-61/64	
Net Weight	lbs	70.6	67.3	94.8	92.6	
Gross Weight	lbs	76.1	72.8	104.7	102.5	
REFRIGERANT PIPING						
Refrigerant Charge - R32	oz	30	28.2	40.6	42.3	
Additional Charge	oz/ft	0.2	0.2	0.2	0.4	
Line Set Size (Liquid - Gas) - Flared Connections	in	1/4 - 3/8	1/4 - 1/2	1/4 - 1/2	1/4 - 5/8	
Pre-Charge Length	ft	25				
Pipe Length (Min - Max)	ft	10 - 66	10 - 66	10 - 131	10 - 131	
Max. Pipe Elevation	ft	40	40	82	82	
ELECTRICAL						
Power Supply		208-230V / 1Ph / 60Hz (Powered by the Outdoor Unit)				
Voltage Range (Min - Max)	VAC	187 - 253				
Rated Current - Cooling	A	4.73	6.64	11.5	13	
Rated Current - Heating	A	6	6.41	11.5	15.5	
MOCP	A	15	15	20	30	
MCA	A	10	10	16	22	
Main Power Wire Size	AWG	Per Local Code				
Interconnecting Wire Size	AWG	14 / 4				
LIMITED WARRANTY		5 Years Parts, 7 Years Compressor - Residential & Commercial				