









vireo



 **GREE**

MODEL	 VIR09HP115V1A	 VIR12HP115V1A	 VIR09HP230V1A	 VIR12HP230V1A	 VIR18HP230V1A	 VIR24HP230V1A	 VIR30HP230V1A	 VIR36HP230V1A
System Type	Heat Pump							
Power Supply	115V / 60Hz	115V / 60Hz	208-230V / 60Hz	208-230V / 60Hz	208-230V / 60Hz	208-230V / 60Hz	208-230V / 60Hz	208-230V / 60Hz
Rated Current Cooling	Amps 11.3	11.5	5.8	6.0	6.9	14.5	17.0	20.0
Rated Current Heating	Amps 10.7	12.0	6.0	6.3	8.4	14.5	17.5	20.0
System Performance								
Cooling Capacity (Min-Max)	Btu/h 9,000 (2,764-10,918)	12,200 (3,514-14,569)	9,000 (3,100-9,600)	12,000 (3,100-13,000)	18,000 (6,800-20,000)	22,000 (6,824-27,296)	28,000 (9,485-30,026)	33,600 (7,404-35,997)
Heating Capacity (Min-Max)	Btu/h 9,900 (2,081-13,989)	13,000 (2,764-16,582)	11,000 (1,911-12,000)	13,000 (2,400-14,000)	19,800 (7,340-23,500)	23,000 (6,824-30,708)	28,400 (9,997-32,994)	34,600 (14,979-35,997)
SEER/EER	23 / 12.9	22 / 12.5	23 / 14.3	22 / 12.5	20 / 12.5	20 / 12.5	18 / 10.4	18 / 8.2
HSPF/COP	10.5 / 3.1	10.2 / 3.6	10.5 / 3.2	10.1 / 3.5	10.0 / 4.7	10.0 / 3.4	9.0 / 3.0	9.0 / 2.7
Dehumidification	Pts/Hr 1.7	3.0	1.7	3.0	3.8	4.2	6.3	7.4
Indoor Unit								
Air Flow - T/H/M/L	CFM 377/288/241/171	400/288/241/171	377/288/241/171	400/288/241/171	559/488/412/335	706/647/588/530	706/618/530/412	736/647/530/412
Sound Pressure Level - T/H/M/L	db (A) 43/38/32/26	45/40/34/28	43/39/35/29	45/39/35/29	47/43/40/39	48/44/40/36	51/45/41/37	54/49/44/37
Unit Dimension (WxHxD)	inches 33.3 x 11.4 x 8.2	33.3 x 11.4 x 8.2	33.3 x 11.4 x 8.2	33.3 x 11.4 x 8.2	38.2 x 11.8 x 8.8	42.4 x 12.8 x 9.7	53.2 x 12.8 x 10.0	53.2 x 12.8 x 10.0
Package Dimension (WxHxD)	inches 36.3 x 14.9 x 11.1	36.3 x 14.9 x 11.1	36.3 x 14.9 x 11.1	36.3 x 14.9 x 11.1	41.0 x 15.1 x 12.6	45.2 x 16.3 x 13.8	56.7 x 16.6 x 14.1	56.7 x 16.6 x 14.1
Net / Gross Weight	lb 23 / 28	23 / 28	22 / 27	22 / 27	29 / 35	34 / 42	42 / 52	42 / 52
Outdoor Unit								
Compressor Type	G10 Inverter Driven Twin Rotary							
Sound Pressure Level	db (A) 53	53	53	54	55	59	62	65
Unit Dimension (WxHxD)	inches 33.4 x 21.3 x 12.6	33.4 x 21.3 x 12.6	33.4 x 21.3 x 12.6	33.4 x 21.3 x 12.6	37.6 x 27.6 x 15.6	38.6 x 31.1 x 16.8	38.6 x 31.1 x 16.8	38.6 x 31.1 x 16.8
Package Dimension (WxHxD)	inches 34.7 x 23.4 x 14.3	34.7 x 25.4 x 14.3	34.7 x 23.4 x 14.3	34.7 x 25.4 x 14.3	40.5 x 29.5 x 18.0	42.6 x 33.7 x 19.2	42.6 x 33.7 x 19.2	42.6 x 33.7 x 19.2
Net / Gross Weight	lb 72 / 77	77 / 84	78 / 84	86 / 93	115 / 125	142 / 153	154 / 164	161 / 172
Refrigerant / Charge	oz. R410A / 42.3	R410A / 47.6	R410A / 45.9	R410A / 47.6	R410A / 56.4	R410A / 77.6	R410A / 84.7	R410A / 91.7
Line Set Size (Liquid - Gas/Suction)	inches 1/4" - 3/8"	1/4" - 1/2"	1/4" - 3/8"	1/4" - 1/2"	1/4" - 1/2"	1/4" - 5/8"	1/4" - 5/8"	1/4" - 5/8"
Pre-Charge	Feet 25	25	25	25	25	25	25	25
Max. Line Run	Feet 50	66	50	66	82	82	98	98
Max. Elevation	Feet 33	33	33	33	33	33	33	33
MCA	Amps							
MOCP	Amps							
Wire Size / # Wires		AWG14 / 4						
Ambient Cooling Operating Range	°F	0~115 F						
Ambient Heating Operating Range	°F	4 ~ 75 F						

Test conditions are based on AHRI 210/240.

*1. Rating conditions (cooling)-Indoor: D.B. 80o F (27o C), W.B. 67o F (19o C); Outdoor: D.B. 95o F (35o C), W.B. 75o F (24o C).

Rating conditions (heating)-Indoor: D.B. 70o F (21o C), W.B. 60o F (16o C); Outdoor: D.B. 47o F (8o C), W.B. 43o F (6o C).



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