



## 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 OPTIONAL

- 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<br>(2764 - 10918)                              | 12000<br>(3514 - 14569)     | 9000<br>(3100 - 9600)       | 12000<br>(3100 - 13000)     | 18000<br>(6800 - 20000)    | 22000<br>(6824 - 27296)    | 28000<br>(9485 - 30026)    | 33600<br>(7404 - 35997)    |
| Heating Capacity (Min-Max)               | Btu/h | 9900<br>(2081 - 13989)                              | 12200<br>(2764 - 16582)     | 11000<br>(1911 - 12000)     | 13000<br>(2400 - 14000)     | 19800<br>(7340 - 23500)    | 23000<br>(6824 - 30708)    | 28400<br>(9997 - 32994)    | 34600<br>(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 12 x 15               | 45 1/4 x 13 1/8 x 16 1/8   | 56 5/8 x 13 7/8 x 16 1/2   | 56 5/8 x 13 7/8 x 16 1/2   |
| 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  | 9                           | 15                          | 9                           | 16                         | 20                         | 20                         | 24                         |
| MOCP                                     | amps  | 20  | 15                          | 25                          | 15                          | 25                         | 30                         | 30                         | 40                         |
| Main Power Wire Size                     | AWG   | Per Local Code                                      |                             |                             |                             |                            |                            |                            |                            |
| Interconnecting Wire Size                | AWG   | 14 / 4  |                             |                             |                             |                            |                            |                            |                            |
| LIMITED WARRANTY                         |       | 5 Years Parts and Compressor - Residential          |                             |                             |                             |                            |                            |                            |                            |