



## PERFORMANCE & EFFICIENCY AT A PRICE YOU CAN AFFORD



- UP TO 20.5 SEER2 / 12.5 EER2 / 8.8 HSPF2 EFFICIENCY
- COOLING RANGE: 0°F - 118°F
- HEATING RANGE: -13°F - 75°F
- MAXIMUM LINE LENGTH: 131 FT.
- 115 VOLT OPTION IN 9K & 12K SYSTEMS.

### ALL YOU NEED, AT THE RIGHT PRICE.

LIVO systems deliver great performance and efficiency while also keeping your budget in mind. Like all GREE systems, the variable speed compressor and intelligent design allow for ease-of-use, reliability, and quiet operation.

- 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		LIV09HP115VIR32AO	LIV12HP115VIR32AO	LIV09HP230VIR32AO	LIV12HP230VIR32AO	LIV18HP230VIR32AO	LIV24HP230VIR32AO	LIV30HP230VIR32AO	LIV36HP230VIR32AO		
Indoor Model		LIV09HP115VIR32AH	LIV12HP115VIR32AH	LIV09HP230VIR32AH	LIV12HP230VIR32AH	LIV18HP230VIR32AH	LIV24HP230VIR32AH	LIV30HP230VIR32AH	LIV36HP230VIR32AH		
SYSTEM PERFORMANCE											
Cooling Capacity	Min - Max	Btu/h	8,428 - 14,522	8,650 - 14,904	6,695 - 11,536	8,650 - 14,904	9,770 - 22,155	16,416 - 28,286	17,954 - 37,210	19,001 - 39,380	
	Capacity @95°F	Btu/h	9,100	12,000	9,100	12,000	18,000	24,000	30,000	33,600	
Heating Capacity	Min - Max	Btu/h	6,916 - 13,300	7,154 - 14,600	6,831 - 13,136	7,154 - 14,600	9,081 - 22,838	13,113 - 25,218	16,491 - 38,303	16,540 - 38,419	
	Capacity @47°F	Btu/h	10,000	12,000	10,000	12,000	19,100	24,000	30,000	34,000	
	Capacity @17°F	Btu/h	8,100	9,700	8,100	9,700	15,300	19,200	24,000	27,400	
	Capacity @5°F	Btu/h	7,600	8,500	7,600	9,100	12,100	15,700	23,000	24,600	
SEER2			20.5	19.0	20.5	19.0	20.0	19.0	22.0	21.0	
EER2			11.9	9.3	12.5	9.75	12.35	11.9	10.9	10.6	
HSPF2			8.8	8.5	8.8	8.5	8.5	8.5	9.0	8.5	
COP @5°F			1.86	1.75	1.94	1.75	1.75	1.75	1.8	1.8	
Energy Star® South			NO	NO	NO	NO	NO	NO	NO	NO	
Energy Star® Certified with Cold Climate Designation			NO	NO	NO	NO	NO	NO	NO	YES	
Cooling Temperature Range	°F		0 - 118	0 - 118	0 - 118	0 - 118	0 - 118	0 - 118	0 - 118	0 - 118	
Heating Temperature Range	°F		-13 - 75	-13 - 75	-13 - 75	-13 - 75	-13 - 75	-13 - 75	-13 - 75	-13 - 75	
Refrigerant Type			R32								
INDOOR UNIT		LIV09HP115VIR32AH	LIV12HP115VIR32AH	LIV09HP230VIR32AH	LIV12HP230VIR32AH	LIV18HP230VIR32AH	LIV24HP230VIR32AH	LIV30HP230VIR32AH	LIV36HP230VIR32AH		
Air flow (Min - Max)	CFM	159 - 353	182 - 424	159 - 353	182 - 424	282 - 618	412 - 677	441 - 794	441 - 794		
Sound Pressure Level (Min - Max)	dB(A)	24 - 43	27 - 47	24 - 41	27 - 47	34 - 53	36 - 51	36 - 52	36 - 52		
Dehumidification	pt/hr	1.69	2.96	1.69	2.96	3.80	5.28	7.40	7.40		
External Dimensions (W x H x D)	in	32-7/8 x 10-53/64 x 7-7/8	32-7/8 x 10-53/64 x 7-7/8	32-7/8 x 10-53/64 x 7-7/8	32-7/8 x 10-53/64 x 7-7/8	37-1/8 x 13-7/64 x 9-11/16	42-7/16 x 13-7/64 x 9-11/16	42-7/16 x 13-7/64 x 9-11/16	42-7/16 x 13-7/64 x 9-11/16		
Package Dimension (W x H x D)	in	35-15/64 x 13-37/64 x 10-43/64	35-15/64 x 13-37/64 x 10-43/64	35-15/64 x 13-37/64 x 10-43/64	35-15/64 x 13-37/64 x 10-43/64	39-13/32 x 15-15/16 x 12-43/64	44-39/64 x 16-19/64 x 13-7/64	44-39/64 x 16-19/64 x 13-7/64	44-39/64 x 16-19/64 x 13-7/64		
Net Weight	lbs	19.8	19.8	19.8	19.8	28.7	33.1	34.2	34.2		
Gross Weight	lbs	24.3	24.3	24.3	24.3	34.2	39.7	40.8	40.8		
OUTDOOR UNIT		LIV09HP115VIR32AO	LIV12HP115VIR32AO	LIV09HP230VIR32AO	LIV12HP230VIR32AO	LIV18HP230VIR32AO	LIV24HP230VIR32AO	LIV30HP230VIR32AO	LIV36HP230VIR32AO		
Compressor Type		GREE G20 / SINGLE CYLINDER / 1 - STAGE INVERTER									
Sound Pressure Level	dB(A)	51	52	51	52	57	58	62	62		
External Dimensions (W x H x D)	in	28-13/16 x 21-7/8 x 12-63/64	28-13/16 x 21-7/8 x 12-63/64	28-13/16 x 21-7/8 x 12-63/64	28-13/16 x 21-7/8 x 12-63/64	31-37/64 x 21-27/32 x 13-25/32	37-23/32 x 25-63/64 x 15-53/64	39-3/8 x 29-3/8 x 15-13/16	39-3/8 x 29-3/8 x 15-13/16		
Package Dimension (W x H x D)	in	31-17/64 x 24-7/32 x 14-51/64	31-17/64 x 24-7/32 x 14-51/64	31-17/64 x 24-7/32 x 14-51/64	31-17/64 x 24-7/32 x 14-51/64	34-21/64 x 24-13/32 x 15-43/64	40-5/8 x 29-1/64 x 17-61/64	42-33/64 x 31-57/64 x 19-1/64	42-33/64 x 31-57/64 x 19-1/64		
Net Weight	lbs	55.1	58.4	52.9	56.2	70.6	93.7	116.8	122.4		
Gross Weight	lbs	60.6	63.9	58.4	61.7	76.1	103.6	127.9	133.4		
REFRIGERANT PIPING											
Refrigerant Charge - R32	oz	18.7	17.6	18.7	17.6	32.5	42.3	56.4	56.4		
Additional Charge	oz/ft	0.2	0.2	0.2	0.2	0.2	0.1	0.4	0.4		
Line Set Size (Liquid - Gas) - Flared Connections	in	1/4 - 3/8	1/4 - 3/8	1/4 - 3/8	1/4 - 3/8	1/4 - 1/2	1/4 - 1/2	1/4 - 5/8	1/4 - 5/8		
Pre-Charge Length	ft	25									
Pipe Length (Min - Max)	ft	10 - 66	10 - 66	10 - 66	10 - 66	10 - 82	10 - 131	10 - 131	10 - 131		
Max. Pipe Elevation	ft	40	40	40	40	33	82	82	82		
ELECTRICAL											
Power Supply		208-230V / 1Ph / 60Hz (Powered by the Outdoor Unit)									
Voltage Range (Min - Max)	VAC	103 - 126				187 - 253					
Rated Current - Cooling	A	12.5	14.34	6.5	7.02	9.5	11	20	20		
Rated Current - Heating	A	15.4	14.64	7	7.47	9.5	12	20	20		
MCA	A	19	19	10	12	13	15	25.6	23		
MOCP	A	20	20	15	15	15	20	35	35		
Suggested Breaker Size	A	20	20	10	15	15	15	30	25		
Main Power Wire Size	AWG	Per Local Code									
Interconnecting Wire Size	AWG	14 / 4									
LIMITED WARRANTY		5 Years Parts, 7 Years Compressor - Residential & Commercial									