



Air comfort for all

SINGLE-ZONE

MINI-SPLIT SYSTEMS

THE BEST IN COMFORT, EFFICIENCY & LUXURY.



- 4-WAY AIR FLOW
- INTELLIGENT DEFROSTING
- LOW NOISE
- MULTIPLE FAN SPEEDS
- TURBO COOLING
- I-FEEL TEMPERATURE 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	2,700 - 11,600	3,070 - 13,300	2,388 - 10,300	3,070 - 13,300	3,753 - 20,300	5,800 - 26,270	3,000 - 36,000	7,850 - 37,500
	Rated 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	2,400 - 13,300	3,070 - 14,600	2,217 - 13,136	3,070 - 14,600	2,730 - 22,500	5,400 - 26,600	5,800 - 35,500	10,000 - 37,500
	Rated Capacity @47°F	Btu/h	10,000	12,000	10,000	12,000	19,100	24,000	30,000	34,000
	Rated Capacity @17°F	Btu/h	8,100	9,700	8,100	9,700	15,300	19,200	24,000	27,400
	Rated 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	-4 - 122	-4 - 122
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</										



EFFICIENT & FLEXIBLE TO FIT YOUR LIFESTYLE

- 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.



SYSTEM TYPE			HEAT PUMP			
Outdoor Model			VIR09HP230VIR32AO	VIR12HP230VIR32AO	VIR18HP230VIR32AO	VIR24HP230VIR32AO
Indoor Model			VIR09HP230VIR32AH	VIR12HP230VIR32AH	VIR18HP230VIR32AH	VIR24HP230VIR32AH
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			VIR09HP230VIR32AH	VIR12HP230VIR32AH	VIR18HP230VIR32AH	VIR24HP230VIR32AH
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			VIR09HP230VIR32AO	VIR12HP230VIR32AO	VIR18HP230VIR32AO	VIR24HP230VIR32AO
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			



INTRODUCING A MINI-SPLIT WITH A FRESH AIR KIT OPTION

- OPTIONAL FRESH AIR KIT
- UP TO 26.0 SEER2 / 15.0 EER2 / 10.4 HSPF2 EFFICIENCY
- COOLING RANGE: -20°F - 122°F
- HEATING RANGE: -22°F - 86°F



SYSTEM TYPE		HEAT PUMP					
Outdoor Model		ENV09HP115V1R32AO	ENV12HP115V1R32AO	ENV09HP230V1R32AO	ENV12HP230V1R32AO	ENV18HP230V1R32AO	ENV24HP230V1R32AO
Indoor Model		ENV09HP115V1R32AH	ENV12HP115V1R32AH	ENV09HP230V1R32AH	ENV12HP230V1R32AH	ENV18HP230V1R32AH	ENV24HP230V1R32AH
SYSTEM PERFORMANCE							
Cooling Capacity	Min - Max	Btu/h	2,730 - 12,966	2,729.6 - 15,012.8	2,730 - 12,966	2,729.6 - 15,012.8	5,118 - 22,178
	Rated Capacity @95°F	Btu/h	9,100	12,000	9,100	12,000	18,000
Heating Capacity	Min - Max	Btu/h	2,388 - 15,013	3,070.8 - 15,695.2	2,388 - 15,013	3,070.8 - 15,695.2	4,436 - 22,178
	Rated Capacity @47°F	Btu/h	10,000	12,000	10,500	12,000	18,000
	Rated Capacity @17°F	Btu/h	10,500	10,000	11,000	10,000	14,700
	Rated Capacity @5°F	Btu/h	9,200	9,500	9,300	11,000	22,000
SEER2			27.0	24.5	26.0	24.5	24.0
EER2			15.0	13.0	15.0	13.0	13.1
HSPF2			10.5	9.5	10.4	9.5	9.0
COP @5°F			1.90	1.95	1.96	1.95	1.75
Energy Star® South		YES	YES	YES	YES	YES	NO
Energy Star® Certified with Cold Climate Designation		YES	YES	YES	YES	YES	YES
Cooling Temperature Range	°F	-20 - 122	-20 - 122	-20 - 122	-20 - 122	-20 - 122	-20 - 122
Heating Temperature Range	°F	-22 - 86	-22 - 86	-22 - 86	-22 - 86	-22 - 86	-22 - 86
Refrigerant Type		R32					
INDOOR UNIT		ENV09HP115V1R32AH	ENV12HP115V1R32AH	ENV09HP230V1R32AH	ENV12HP230V1R32AH	ENV18HP230V1R32AH	ENV24HP230V1R32AH
Air flow (Min - Max)	CFM	129 - 353	212 - 400	129 - 353	212 - 400	324 - 589	235 - 559
Sound Pressure Level (Min - Max)	dB(A)	20 - 41	20 - 43	20 - 41	20 - 43	29 - 48	30 - 48
Dehumidification	pt/hr	1.69	2.96	1.69	2.96	3.80	5.07
External Dimensions (W x H x D)	in	32 61/64 x 11 17/32 x 7 7/8	32 61/64 x 11 17/32 x 7 7/8	32 61/64 x 11 17/32 x 7 7/8	32 61/64 x 11 17/32 x 7 7/8	39 3/32 x 12 1/4 x 8 47/64	39 3/32 x 12 1/4 x 8 47/64
Package Dimension (W x H x D)	in	35 9/32 x 14 11/16 x 10 45/64	35 18/64 x 14 44/64 x 10 45/64	35 9/32 x 14 11/16 x 10 45/64	35 18/64 x 14 44/64 x 10 45/64	41 17/32 x 15 5/32 x 11 47/64	41 17/32 x 15 5/32 x 11 47/64
Net Weight	lbs	20.9	20.9	20.9	20.9	29.8	29.8
Gross Weight	lbs	25.4	25.4	25.4	25.4	35.3	35.3
OUTDOOR UNIT		ENV09HP115V1R32AO		ENV09HP230V1R32AO	ENV12HP230V1R32AO	ENV18HP230V1R32AO	ENV24HP230V1R32AO
Compressor Type		GREE G20 / SINGLE CYLINDER / 1 - STAGE INVERTER					
Sound Pressure Level	dB(A)	52	52	52	52	59	61
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	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	39 3/8 x 29 3/8 x 16 13/16
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	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	42 33/64 x 31 57/64 x 19 1/64
Net Weight	lbs	70.6	69.5	70.6	67.3	94.8	103.6
Gross Weight	lbs	76.1	75.0	76.1	72.8	104.7	114.7
REFRIGERANT PIPING							
Refrigerant Charge - R32	oz	30	28.2	30	28.2	40.6	49.4
Additional Charge	oz/ft	0.2	0.2	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 - 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 - 66	10 - 66	10 - 131	10 - 131
Max. Pipe Elevation	ft	40	40	40	40	82	82
ELECTRICAL							
Power Supply		115V / 1Ph / 60Hz (Powered by the Outdoor Unit)		208-230V / 1Ph / 60Hz (Powered by the Outdoor Unit)			
Voltage Range (Min - Max)	VAC	103 - 126					
Rated Current - Cooling	A	12.28	15.38	4.73	6.64	11.5	13.5
Rated Current - Heating	A	16.59	15.41	6	6.41	11.5	17.2
MOCP	A	20	20	15	15	20	30
MCA	A	19	19	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					



THE PREMIER GEM OF HEATING AND COOLING

- UP TO 30.0 SEER2 / 16.8 EER2 / 11.2 HSPF2 EFFICIENCY
- COOLING RANGE: -20°F - 122°F
- HEATING RANGE: -22°F - 86°F
- MAXIMUM LINE LENGTH: 131 FT.

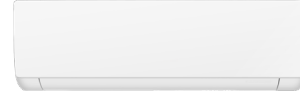


SYSTEM TYPE			HEAT PUMP			
Outdoor Model			SAP09HP230V1R32AO	SAP12HP230V1R32AO	SAP18HP230V1R32AO	SAP24HP230V1R32AO
Indoor Model			SAP09HP230V1R32AH	SAP12HP230V1R32AH	SAP18HP230V1R32AH	SAP24HP230V1R32AH
SYSTEM PERFORMANCE						
Cooling Capacity	Min - Max	Btu/h	1,365 - 12,966	2,900 - 17,060	4,435 - 25,590	5,800 - 31,400
	Rated Capacity @95°F	Btu/h	9,100	12,000	18,000	22,000
Heating Capacity	Min - Max	Btu/h	2,730 - 17,060	3,070 - 18,766	5,118 - 26,272	5,800 - 33,100
	Rated Capacity @47°F	Btu/h	10,600	12,200	18,600	24,000
	Rated Capacity @17°F	Btu/h	8,900	10,300	15,500	20,000
	Rated Capacity @5°F	Btu/h	11,500	12,200	18,000	24,000
SEER2			30.0	28.0	27.5	27.0
EER2			16.8	15.2	14.3	13.95
HSPF2			11.2	10.0	10.0	10.0
COP @5°F			2.11	2.0	1.8	1.8
Energy Star® South			YES	YES	NO	NO
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			SAP09HP230V1R32AH	SAP12HP230V1R32AH	SAP18HP230V1R32AH	SAP24HP230V1R32AH
Air flow (Min - Max)		CFM	265 - 506	353 - 565	471 - 736	353 - 765
Sound Pressure Level (Min - Max)		dB(A)	23 - 42	27- 43	35 - 49	36 - 53
Dehumidification		pt/hr	1.69	2.96	3.80	7.40
External Dimensions (W x H x D)		in	38-3/16 x 13-21/32 x 10-1/8	38-3/16 x 13-21/32 x 10-1/8	43-45/64 x 13-21/32 x 10-1/8	43-45/64 x 13-21/32 x 10-1/8
Package Dimension (W x H x D)		in	40-7/16 x 13-11/32 x 16-1/2	40-7/16 x 13-11/32 x 16-1/2	45-55/64 x 13-21/32 x 16-1/2	45-55/64 x 13-21/32 x 16-1/2
Net Weight		lbs	33.1	33.1	38.6	39.7
Gross Weight		lbs	38.6	38.6	45.2	46.3
OUTDOOR UNIT			SAP09HP230V1R32AO	SAP12HP230V1R32AO	SAP18HP230V1R32AO	SAP24HP230V1R32AO
Compressor Type			GREE G20 / DOUBLE CYLINDER / 1 - STAGE INVERTER			
Sound Pressure Level		dB(A)	56	55	59	62
External Dimensions (W x H x D)		in	34-3/8 x 21-27/32 x 14-51/64	34-3/8 x 21-27/32 x 14-51/64	37 23/32 x 25 63/64 x 15 53/64	39 3/8 x 29 3/8 x 16 13/16
Package Dimension (W x H x D)		in	37-7/16 x 24-13/32 x 16-31/32	37-7/16 x 24-13/32 x 16-31/32	40-5/8 x 29-1/64 x 17-61/64	42-33/64 x 31-57/64 x 19-1/64
Net Weight		lbs	78.3	78.3	94.8	115.8
Gross Weight		lbs	84.9	84.9	104.7	126.8
REFRIGERANT PIPING						
Refrigerant Charge		oz	35.3	35.3	47.6	56.4
Additional Charge		oz/ft	0.2	0.2	0.4	0.4
Line Set Size (Liquid - Gas) - Flared Connections		in	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 - 131	10 - 131	10 - 131	10 - 131
Max. Pipe Elevation		ft	82	82	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	5.9	5.9	12.5	14
Rated Current - Heating		A	7.6	7.8	16	21.5
MOCP		A	15	15	25	30
MCA		A	11	11	23	25.5
Main Power Wire Size		AWG	Per Local Code			
Interconnecting Wire Size		AWG	14 / 4			
LIMITED WARRANTY			5 Years Parts, 7 Years Compressor - Residential & Commercial			



RELIABLE COMFORT MADE AFFORDABLE

- UP TO 19.0 SEER2 / 11.9 EER2 / 8.6 HSPF2 EFFICIENCY
- COOLING RANGE: 0°F - 118°F
- HEATING RANGE: -13°F - 75°F
- MAXIMUM LINE LENGTH: 131 FT.



SYSTEM TYPE			HEAT PUMP					
Outdoor Model			WZEN09HPL132AO	WZEN12HPL132AO	WZEN09HPJ132AO	WZEN12HPJ132AO	WZEN18HPJ132AO	WZEN24HPJ132AO
Indoor Model			WZEN09HPL132AH	WZEN12HPL132AH	WZEN09HPJ132AH	WZEN12HPJ132AH	WZEN18HPJ132AH	WZEN24HPJ132AH
SYSTEM PERFORMANCE								
Cooling Capacity	Min - Max	Btu/h	2,730 - 11,000	2,730 - 12,700	3,071 - 11,000	2,388 - 12,710	3,753 - 19,790	5,800 - 26,270
	Rated Capacity @95°F	Btu/h	9,100	12,000	9,100	12,000	18,000	24,000
Heating Capacity	Min - Max	Btu/h	2,390 - 13,000	2,388 - 13,480	2,217 - 12,300	2,217 - 13,477	4,100 - 19,107	5,400 - 26,600
	Rated Capacity @47°F	Btu/h	10,000	12,000	10,000	12,000	18,000	24,000
	Rated Capacity @17°F	Btu/h	8,000	9,700	8,000	9,700	11,200	19,200
	Rated Capacity @5°F	Btu/h	7,000	9,500	7,600	9,500	10,000	15,700
SEER2			18.5	16.0	18.8	16.0	18.0	19.0
EER2			11.9	8.85	12.3	8.55	10.20	11.9
HSPF2			8.6	8.5	8.6	8.0	8.2	8.5
COP @5°F			1.80	1.75	1.85	1.75	1.75	1.75
Energy Star® South			YES	NO	YES	NO	NO	YES
Energy Star® Certified with Cold Climate Designation			YES	NO	YES	NO	NO	NO
Cooling Temperature Range		*F	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
Refrigerant Type			R32					
INDOOR UNIT			WZEN09HPL132AH	WZEN12HPL132AH	WZEN09HPJ132AH	WZEN12HPJ132AH	WZEN18HPJ132AH	WZEN24HPJ132AH
Air flow (Min - Max)	CFM		165 - 294	159 - 365	165 - 294	159 - 365	282 - 589	412 - 677
Sound Pressure Level (Min - Max)	dB(A)		23 - 40	22 - 42	23 - 40	22 - 42	33 - 51	36 - 51
Dehumidification	pt/hr		1.69	2.96	1.69	2.96	3.80	5.28
External Dimensions (W x H x D)	in		32-51/64 x 10-15/64 x 7-9/16	32-51/64 x 10-15/64 x 7-9/16	32-51/64 x 10-15/64 x 7-9/16	32-51/64 x 10-15/64 x 7-9/16	39-3/8 x 13-7/64 x 9-51/64	44-51/64 x 13-7/64 x 9-51/64
Package Dimension (L x W x H)	in		34-23/32 x 13-5/64 x 10-7/16	34-23/32 x 13-5/64 x 10-7/16	34-23/32 x 13-5/64 x 10-7/16	34-23/32 x 13-5/64 x 10-7/16	41-11/16 x 15-63/64 x 12-29/32	47-3/32 x 16-11/32 x 13-17/64
Net Weight	lbs		17.6	17.6	17.6	17.6	29.8	33.1
Gross Weight	lbs		20.9	20.9	20.9	20.9	35.3	39.7
OUTDOOR UNIT			WZEN09HPL132AO	WZEN12HPL132AO	WZEN09HPJ132AO	WZEN12HPJ132AO	WZEN18HPJ132AO	WZEN24HPJ132AO
Compressor Type			GREE G20 / SINGLE CYLINDER / 1 - STAGE INVERTER					
Sound Pressure Level	dB(A)		51	52	51	52	58	58
External Dimensions (W x H x D)	in		28-13/16 x 21-27/32 x 12-63/64	28-13/16 x 21-27/32 x 12-63/64	28-13/16 x 21-27/32 x 12-63/64	28-13/16 x 21-27/32 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
Package Dimension (L x W x H)	in		31-17/64 x 14-51/64 x 24-7/32	31-17/64 x 14-51/64 x 24-7/32	31-17/64 x 14-51/64 x 24-7/32	31-17/64 x 14-51/64 x 24-7/32	34-21/64 x 15-43/64 x 24-13/32	40-5/8 x 17-61/64 x 29-1/64
Net Weight	lbs		55.1	58.4	54.0	56.2	62.9	93.7
Gross Weight	lbs		60.6	63.9	59.5	61.7	68.4	103.6
REFRIGERANT PIPING								
Refrigerant Charge - R32	oz		17.6	21.2	17.6	22.9	29.3	42.3
Additional Charge	oz/ft		0.2	0.2	0.2	0.2	0.2	0.1
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
Pre-Charge Length	ft		25					
Pipe Length (Min - Max)	ft		10 - 66	10 - 66	10 - 66	10 - 66	10 - 82	10 - 131
Max. Pipe Elevation	ft		39	39	49	39	33	82
ELECTRICAL								
Power Supply			115V / 1Ph / 60Hz (Powered by the Outdoor Unit)			208-230V / 1Ph / 60Hz (Powered by the Outdoor Unit)		
Voltage Range (Min - Max)	VAC		103 - 126			187 - 253		
Rated Current - Cooling	A		12.5	15.22	7.5	7	10	11
Rated Current - Heating	A		15.4	14.67	7.5	8	10	12
MOCP	A		20	20	15	15	15	20
MCA	A		19	19	10	12	13	15
Main Power Wire Size	AWG		Per Local Code					
Interconnecting Wire Size	AWG		14 / 4					
LIMITED WARRANTY			5 Years Parts, 7 Years Compressor - Residential & Commercial					



A WIDE RANGE OF OTHER INDOOR UNIT OPTIONS



360° CASSETTE

MODEL		CAS09HP230V1R32AH	CAS12HP230V1R32AH	CAS18HP230V1R32AH	CAS24HP230V1R32AH	CAS30HP230V1R32AH	CAS36HP230V1R32AH
Air flow (Min-Max)	CFM	206 - 330	206 - 330	206 - 383	488 - 647	647 - 1000	665 - 1071
Sound Pressure Level (Min - Max)	dB(A)	27 - 40	29 - 41	28 - 44	38 - 44	38 - 51	38 - 52
Dehumidification	pt/hr	1.69	2.96	3.80	4.23	7.40	7.82
External Dimensions (L x D x H)	in	22-7/16 x 22-7/16 x 10-7/16	22-7/16 x 22-7/16 x 10-7/16	22-7/16 x 22-7/16 x 10-7/16	33-5/64 x 33-5/64 x 9-29/64	33-5/64 x 33-5/64 x 9-29/64	33-5/64 x 33-5/64 x 9-29/64
Package Dimension (L x W x H)	in	27-31/64 x 25-45/64 x 11-39/64	27-31/64 x 25-45/64 x 11-39/64	27-31/64 x 25-45/64 x 11-39/64	37-29/32 x 37-29/32 x 12-51/64	36-47/64 x 35-35/64 x 10-45/64	36-47/64 x 35-35/64 x 10-45/64
Net Weight	lbs	37.5	37.5	37.5	63.9	49.6	50.7
Gross Weight	lbs	48.5	48.5	48.5	83.8	62.8	63.9
Indoor Piping Connection (Liquid - Gas)*	in	1/4 - 3/8	1/4 - 3/8	1/4 - 1/2	1/4 - 5/8	1/4 - 5/8	1/4 - 5/8
CASSETTE GRILLE (REQUIRED)		GREETF05	GREETF05	GREETF05	GREETF06	GREETF06	GREETF06
Grille Dimension (L x D x H)	in	24-13/32 x 24-13/32 x 1-7/8	24-13/32 x 24-13/32 x 1-7/8	24-13/32 x 24-13/32 x 1-7/8	37-13/32 x 37-13/32 x 2-3/64	37-13/32 x 37-13/32 x 2-3/64	37-13/32 x 37-13/32 x 2-3/64
Package Dimension (L x W x H)	in	27-19/32 x 27-19/32 x 4-59/64	27-19/32 x 27-19/32 x 4-59/64	27-19/32 x 27-19/32 x 4-59/64	40-43/64 x 40-55/64 x 4-13/32	40-43/64 x 40-55/64 x 4-13/32	40-43/64 x 40-55/64 x 4-13/32
Weight (Net / Gross)	lbs	6.6 / 9.9	6.6 / 9.9	6.6 / 9.9	13.23 / 20.948	13.23 / 20.948	13.23 / 20.948
LIMITED WARRANTY		5 Years Parts, 7 Years Compressor - Residential & Commercial					

Compatible with Vireo R32, Envo R32 & Sapphire R32 Outdoor Units.   

For larger sizes (30k & 36k), All Match products can be paired with Livo Outdoor Units. 



ONE WAY CASSETTE

MODEL		OWC09HP230V1R32AH	OWC12HP230V1R32AH	OWC18HP230V1R32AH	OWC20HP230V1R32AH
Air flow (Min-Max)	CFM	200 - 324	230 - 353	265 - 412	294 - 441
Sound Pressure Level (Min - Max)	dB(A)	28 - 37	28 - 41	32 - 43	36 - 46
Dehumidification	pt/hr	1.69	2.96	3.80	4.23
External Dimensions (L x D x H)	in	38-55/64 x 15-5/32 x 7-1/64	38-55/64 x 15-5/32 x 7-1/64	38-55/64 x 15-5/32 x 7-1/64	38-55/64 x 15-5/32 x 7-1/64
Package Dimension (L x W x H)	in	51-29/64 x 19-23/32 x 12-13/64	51-29/64 x 19-23/32 x 12-13/64	51-29/64 x 19-23/32 x 12-13/64	51-29/64 x 19-23/32 x 12-13/64
Net Weight	lbs	43.0	43.0	44.1	44.1
Gross Weight	lbs	58.4	58.4	59.5	59.5
Indoor Piping Connection (Liquid - Gas)*	in	1/4 - 3/8	1/4 - 3/8	1/4 - 1/2	1/4 - 1/2
CASSETTE GRILLE (REQUIRED)		GREETD01	GREETD01	GREETD01	GREETD01
Grille Dimension (L x D x H)	in	47-1/4 x 18-7/64 x 2-11/64	47-1/4 x 18-7/64 x 2-11/64	47-1/4 x 18-7/64 x 2-11/64	47-1/4 x 18-7/64 x 2-11/64
Package Dimension (L x W x H)	in	49-51/64 x 21-7/64 x 4-49/64	49-51/64 x 21-7/64 x 4-49/64	49-51/64 x 21-7/64 x 4-49/64	49-51/64 x 21-7/64 x 4-49/64
Weight (Net / Gross)	lbs	9.26 / 13.23	9.26 / 13.23	9.26 / 13.23	9.26 / 13.23
LIMITED WARRANTY		5 Years Parts, 7 Years Compressor - Residential & Commercial			

Compatible with Vireo R32, Envo R32 & Sapphire R32 Outdoor Units.   

FLOOR STANDING

MODEL		FSU36HP230V1R32AH
Air flow (Min-Max)	CFM	883 - 1148
Sound Pressure Level (Min - Max)	dB(A)	48 - 54
Dehumidification	pt/hr	7.40
External Dimensions (L x D x H)	in	23-7/64 x 15-33/64 x 74-6/64
Package Dimension (L x W x H)	in	28-10/64 x 18-32/64 x 83-42/64
Net Weight	lbs	130.1
Gross Weight	lbs	156.6
Indoor Piping Connection (Liquid - Gas)*	in	1/4 - 5/8
LIMITED WARRANTY		5 Years Parts, 7 Years Compressor - Residential & Commercial



Works with Livo R32 outdoor unit.



* Refrigerant piping must be sized by the indoor unit connections. If the outdoor unit connection is a different size from the indoor unit connection, a flare adapter must be purchased separately and installed on the outdoor unit.

SLIM DUCT



MODEL		DUC09HP230V1R32AH	DUC12HP230V1R32AH	DUC18HP230V1R32AH	DUC24HP230V1R32AH	DUC30HP230V1R32AH	DUC36HP230V1R32AH
Air flow (Min-Max)	CFM	188 - 324	212 - 353	383 - 883	577 - 1030	647 - 883	853 - 1324
External Static Pressure (Max)	In W.c.	0.6	0.6	0.8	0.8	0.8	0.8
Sound Pressure Level (Min - Max)	dB(A)	25 - 38	25 - 39	25 - 41	27 - 43	37 - 44	39 - 45
Dehumidification	pt/hr	1.69	2.96	3.80	4.23	7.40	7.82
External Dimensions (L x D x H)	in	32-43/64 x 29-11/16 x 11-13/16	32-43/64 x 29-11/16 x 11-13/16	44-31/64 x 29-11/16 x 11-13/16	44-31/64 x 29-11/16 x 11-13/16	35-7/16 x 10-15/64 x 25-25/32	52-3/4 x 25-25/32 x 10-15/64
Package Dimension (L x W x H)	in	35-5/16 x 31-13/16 x 14-11/16	35-5/16 x 31-13/16 x 14-11/16	47-7/16 x 32-1/64 x 14-11/64	47-7/16 x 32-1/64 x 14-11/64	43-57/64 x 30-25/64 x 12-19/32	61-47/64 x 30-5/16 x 12-23/32
Net Weight	lbs	70.6	70.6	92.6	92.6	66.2	94.8
Gross Weight	lbs	83.8	83.8	106.9	106.9	77.2	108.0
Indoor Piping Connection (Liquid - Gas)*	in	1/4 - 3/8	1/4 - 3/8	1/4 - 5/8	1/4 - 5/8	1/4 - 5/8	1/4 - 5/8
LIMITED WARRANTY		5 Years Parts, 7 Years Compressor - Residential & Commercial					

Compatible with Vireo R32, Envo R32 & Sapphire R32 Outdoor Units.   

For larger sizes (30k & 36k), All Match products can be paired with Livo Outdoor Units. 

MINI CONSOLE



MODEL		CON09HP230V1R32AH	CON12HP230V1R32AH	CON18HP230V1R32AH
Air flow (Min-Max)	CFM	188 - 383	206 - 441	206 - 441
Sound Pressure Level (Min - Max)	dB(A)	23 - 40	25 - 45	32 - 47
Dehumidification	pt/hr	1.69	2.96	3.80
External Dimensions (L x D x H)	in	27-9/16 x 8-15/32 x 23-5/8	27-9/16 x 8-15/32 x 23-5/8	27-9/16 x 8-15/32 x 23-5/8
Package Dimension (L x W x H)	in	31-1/32 x 11-9/64 x 27-23/64	31-1/32 x 11-9/64 x 27-23/64	31-1/32 x 11-9/64 x 27-23/64
Net Weight	lbs	33.1	33.1	34.2
Gross Weight	lbs	39.7	39.7	40.8
Indoor Piping Connection (Liquid - Gas)*	in	1/4 - 3/8	1/4 - 3/8	1/4 - 1/2
LIMITED WARRANTY		5 Years Parts, 7 Years Compressor - Residential & Commercial		

Compatible with Vireo R32, Envo R32 & Sapphire R32 Outdoor Units.   

FLOOR CEILING



MODEL		FLR09HP230V1R32AH	FLR12HP230V1R32AH	FLR18HP230V1R32AH	FLR24HP230V1R32AH	FLR30HP230V1R32AH	FLR36HP230V1R32AH
Air flow (Min-Max)	CFM	247 - 412	247 - 412	277 - 589	441 - 706	706 - 1000	895 - 1236
Sound Pressure Level (Min - Max)	dB(A)	26 - 38	25 - 40	34 - 49	37 - 52	43 - 53	44 - 54
Dehumidification	pt/hr	1.69	2.96	3.80	4.23	7.40	7.82
External Dimensions (L x D x H)	in	34-1/4 x 9-1/4 x 26-3/16	34-1/4 x 9-1/4 x 26-3/16	34-1/4 x 9-1/4 x 26-3/16	47-1/4 x 9-1/4 x 26-3/16	47-1/4 x 9-1/4 x 26-3/16	61-13/16 x 9-1/4 x 26-3/16
Package Dimension (L x W x H)	in	40-11/16 x 30-5/16 x 11-13/16	40-11/16 x 30-5/16 x 11-13/16	40-11/16 x 30-5/16 x 11-13/16	53-11/16 x 30-5/16 x 11-13/16	53-11/16 x 11-13/16 x 30-5/16	68-5/64 x 11-13/16 x 30-5/16
Net Weight	lbs	55.1	55.1	56.2	72.8	70.6	92.6
Gross Weight	lbs	66.2	66.2	67.3	88.2	83.8	108.0
Indoor Piping Connection (Liquid - Gas)*	in	1/4 - 3/8	1/4 - 3/8	1/4 - 1/2	1/4 - 5/8	1/4 - 5/8	1/4 - 5/8
LIMITED WARRANTY		5 Years Parts, 7 Years Compressor - Residential & Commercial					

Compatible with Vireo R32, Envo R32 & Sapphire R32 Outdoor Units.   

For larger sizes (30k & 36k), All Match products can be paired with Livo Outdoor Units. 

* Refrigerant piping must be sized by the indoor unit connections. If the outdoor unit connection is a different size from the indoor unit connection, a flare adapter must be purchased separately and installed on the outdoor unit.



Comfort & Wellness

It's what we do.

GREE is a global leader in air treatment, developing some of the most advanced & efficient commercial and residential air conditioners in the world. GREE integrates research & development, manufacturing, sales, and service to help people be healthy and comfortable wherever they live, work or play. GREE is also fully committed to protecting our environment by designing the most ecologically friendly cooling and heating systems in the market.

1 in 3 of the world's air conditioners are made by GREE.

33

YEARS IN BUSINESS

190+

COUNTRIES / REGIONS

500+

MILLION USERS SERVED

GREECOMFORT.COM