

envo ^{R32}

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
- MAXIMUM LINE LENGTH: 131 FT.

HIGH PERFORMANCE & EFFICIENCY WITH THE ADDED OPTION OF FRESH AIR INTO YOUR SPACE

ENVO systems can handle those challenging environments that require outside air when you include the optional fresh air kit. With GREE's superior reliability and performance, the ENVO can tackle most applications.

- Option for Fresh Air kit
- Dehumidification
- Auto-Clean
- Self-diagnosis
- Multiple fan speeds
- Automatic voltage adaptation
- Low voltage start-up
- Swing louver control



SYSTEM TYPE			HEAT PUMP			
Outdoor Model			ENV09HP230V1R32AO	ENV12HP230V1R32AO	ENV18HP230V1R32AO	ENV24HP230V1R32AO
Indoor Model			ENV09HP230V1R32AH	ENV12HP230V1R32AH	ENV18HP230V1R32AH	ENV24HP230V1R32AH
SYSTEM PERFORMANCE						
Cooling Capacity	Min - Max	Btu/h	2,730 - 12,966	2,729.6 - 15,012.8	5,118 - 22,178	3,990 - 28,000
	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	2,900 - 27,640
	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	9,300	11,000	14,600	22,000
SEER2			26.0	24.5	24.5	24.0
EER2			15.0	13.0	13.65	13.1
HSPF2			10.4	9.5	9.0	9.0
COP @5°F			1.96	1.95	1.9	1.75
Energy Star® South			YES	YES	YES	NO
Energy Star® Certified with Cold Climate Designation			YES	YES	YES	YES
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			ENV09HP230V1R32AH	ENV12HP230V1R32AH	ENV18HP230V1R32AH	ENV24HP230V1R32AH
Air flow (Min - Max)		CFM	129 - 353	212 - 400	324 - 589	235 - 559
Sound Pressure Level (Min - Max)		dB(A)	20 - 41	20 - 43	29 - 48	30 - 48
Dehumidification		pt/hr	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	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	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	29.8	29.8
Gross Weight			25.4	25.4	35.3	35.3
OUTDOOR UNIT			ENV09HP230V1R32AO	ENV12HP230V1R32AO	ENV18HP230V1R32AO	ENV24HP230V1R32AO
Compressor Type			GREE G20 / SINGLE CYLINDER / 1 - STAGE INVERTER			
Sound Pressure Level		dB(A)	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	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	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	67.3	94.8	103.6
Gross Weight		lbs	76.1	72.8	104.7	114.7
REFRIGERANT PIPING						
Refrigerant Charge - R32		oz	30	28.2	40.6	49.4
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	13.5
Rated Current - Heating		A	6	6.41	11.5	17.2
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			