

envo^{R32}

INTRODUCING A MINI-SPLIT WITH A FRESH AIR KIT OPTION



- 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.

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	2730 - 12966	2730 - 15012	5118 - 22178	3990 - 28000
	Capacity @95°F	Btu/h	9100	12000	18000	22000
Heating Capacity	Min - Max	Btu/h	2388 - 15013	3071 - 15695	4436 - 22178	2900 - 27640
	Rated Capacity @95°F	Btu/h	10500	12000	18000	24000
	Rated Capacity @17°F	Btu/h	6400	7700	10300	15300
	Rated Capacity Max @5°F	Btu/h	9300	11000	14600	22000
SEER2			26.0	24.5	24.5	24.0
EER2			15.0	13.0	13.0	13.1
HSPF2			10.4	9.5	9.0	9.0
COP @5°F			2.0	2.9	1.9	1.8
COP @47°F			3.9	3.8	3.9	3.2
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
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	70.6	94.8	103.6
Gross Weight		lbs	76.1	76.1	104.7	114.7
REFRIGERANT PIPING						
Refrigerant Charge - R410A		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
SYSTEM PERFORMANCE						
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
MCA		A	10	10	16	23
MOCP		A	15	15	20	25
Suggested Breaker Size		A	10	10	20	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			