

# envo<sup>R32</sup>

## 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				