



VERSATILE CLIMATE CONTROL, POWERFUL AIR DISTRIBUTION



FLOOR CEILING

- UP TO 25.5 SEER2 / 14.3 EER2 / 9.5 HSPF2 EFFICIENCY
- COOLING RANGE: -20°F - 122°F
- HEATING RANGE: -22°F - 86°F
- MAXIMUM LINE LENGTH: 131 FT.

INSTALL ON FLOOR OR CEILING FOR EFFICIENT AIRFLOW, WITHOUT OCCUPYING WALL SPACE

With its sleek design and flexible installation options, the floor-ceiling unit is ideal for open spaces or rooms with unique layouts, delivering reliable heating and cooling with the utmost energy efficiency.

- Multiple fan speeds
- Swing louver control
- Multi-Directional Air Flow
- Automatic voltage adaption
- Floor Standing or Ceiling Mount
- Refrigerant sensor
- Remote & Wired controller options
- Anti-corrosion Fins

SYSTEM TYPE			HEAT PUMP															
Indoor Model			FLR09HP230V1R32AH			FLR12HP230V1R32AH			FLR18HP230V1R32AH			FLR24HP230V1R32AH			FLR30HP230V1R32AH		FLR36HP230V1R32AH	
Outdoor Model			VIR09HP230V1R32AO	ENV09HP230V1R32AO	SAP09HP230V1R32AO	VIR12HP230V1R32AO	ENV12HP230V1R32AO	SAP12HP230V1R32AO	VIR18HP230V1R32AO	ENV18HP230V1R32AO	SAP18HP230V1R32AO	VIR24HP230V1R32AO	ENV24HP230V1R32AO	SAP24HP230V1R32AO	LIV30HP230V1R32AO	LIV36HP230V1R32AO		
SYSTEM PERFORMANCE																		
Cooling Capacity	Min - Max	Btu/h	2,500 - 12,300	2,500 - 12,300	2,500 - 11,900	2,730 - 15,695	2,730 - 15,695	2,730 - 15,010	5,630 - 21,496	5,630 - 21,496	4,094 - 22,520	3,100 - 29,000	3,100 - 29,000	5,000 - 31,400	2,390 - 37,500	9,894 - 42,308		
	Rated Capacity @95°F	Btu/h	9,100	9,100	9,100	12,000	12,000	12,000	18,000	18,000	18,000	22,000	22,000	22,000	30,000	33,600		
Heating Capacity	Min - Max	Btu/h	2,900 - 14,300	2,900 - 14,300	2,800 - 15,500	3,070 - 15,013	3,070 - 15,013	3,070 - 17,060	4,436 - 21,496	4,436 - 21,496	5,118 - 26,613	3,920 - 29,000	3,920 - 29,000	5,120 - 32,400	5,800 - 33,400	12,283 - 37,500		
	Rated Capacity @47°F	Btu/h	10,500	10,500	10,500	12,000	12,000	12,000	18,000	18,000	18,000	24,000	24,000	24,000	30,000	34,000		
	Rated Capacity @17°F	Btu/h	8,800	8,800	8,900	10,000	10,000	10,300	14,700	14,700	14,600	20,000	20,000	20,000	24,000	27,200		
	Rated Capacity @5°F	Btu/h	10,000	10,000	10,500	10,500	10,000	10,200	15,800	15,800	17,500	20,000	20,000	21,000	19,400	22,000		
SEER2			25.0	25.0	25.5	23.0	23.0	23.0	21.5	21.5	21.5	22.5	22.5	23.0	21.00	21.0		
EER2			14.20	14.2	14.3	13.0	13.0	13.0	12.8	12.8	11.25	12.6	12.6	13.0	11.45	11.25		
HSPF2			9.6	9.6	9.8	9.5	9.5	9.5	9.5	9.5	9.2	9.5	9.5	9.5	8.0	8.5		
COP @5°F			1.95	1.95	1.90	1.90	1.90	1.90	1.90	1.90	1.80	1.80	1.80	1.80	1.80	1.80		
Energy Star®			YES	YES	YES	NO	NO	NO	NO	NO	NO	NO	NO	NO	NO	NO		
Energy Star® Certified with Cold Climate Designation			YES	YES	YES	NO	NO	NO	NO	NO	NO	NO	NO	NO	NO	NO		
Cooling Temperature Range	°F		-20 - 122			-20 - 122			-20 - 122			-20 - 122			-4 - 122			
Heating Temperature Range	°F		-22 - 86			-22 - 86			-22 - 86			-22 - 86			-13 - 75			
Refrigerant Type			R32			R32			R32			R32			R32			
INDOOR UNIT			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	
OUTDOOR UNIT			VIR09HP230V1R32AO	ENV09HP230V1R32AO	SAP09HP230V1R32AO	VIR12HP230V1R32AO	ENV12HP230V1R32AO	SAP12HP230V1R32AO	VIR18HP230V1R32AO	ENV18HP230V1R32AO	SAP18HP230V1R32AO	VIR24HP230V1R32AO	ENV24HP230V1R32AO	SAP24HP230V1R32AO	LIV30HP230V1R32AO	LIV36HP230V1R32AO		
Sound Pressure Level	dB(A)		52	52	56	52	52	55	59	59	59	58	61	62	62	62		
External Dimensions (L x D x H)	in		31-37/64 x 13-25/32 x 21-27/32	31 37/64 x 13 25/32 x 21 27/32	34-3/8 x 14-51/64 x 21-27/32	31-37/64 x 13-25/32 x 21-27/32	31 37/64 x 13 25/32 x 21 27/32	34-3/8 x 14-51/64 x 21-27/32	37-23/32 x 15-53/64 x 25-63/64	37-23/32 x 15-53/64 x 25-63/64	37-23/32 x 15-53/64 x 25-63/64	37-23/32 x 15-53/64 x 25-63/64	39-3/8 x 16-13/16 x 29-3/8	39-3/8 x 16-13/16 x 29-3/8	39-3/8 x 15-13/16 x 29-3/8	39-3/8 x 15-13/16 x 29-3/8		
Package Dimension (L x W x H)	in		34-21/64 x 15-43/64 x 24-13/32	34 21/64 x 15 43/64 x 24 13/32	37-7/16 x 16-31/32 x 24-13/32	34-21/64 x 15-43/64 x 24-13/32	34 21/64 x 15 43/64 x 24 13/32	37-7/16 x 16-31/32 x 24-13/32	40-5/8 x 17-61/64 x 29-1/64	40-5/8 x 17-61/64 x 29-1/64	40-5/8 x 17-61/64 x 29-1/64	40-5/8 x 17-61/64 x 29-1/64	42-33/64 x 19-1/64 x 31-57/64	42-33/64 x 19-1/64 x 31-57/64	42-33/64 x 19-1/64 x 31-57/64	42-33/64 x 19-1/64 x 31-57/64		
Net Weight	lbs		70.6	70.6	78.3	67.3	67.3	78.3	94.8	94.8	94.8	92.6	103.6	115.8	116.8	122.4		
Gross Weight	lbs		76.1	76.1	84.9	72.8	72.8	84.9	104.7	104.7	104.7	102.5	114.7	126.8	127.9	133.4		
REFRIGERANT PIPING																		
Refrigerant Charge - R32	oz		30	30	35.3	28.2	28.2	35.3	40.6	40.6	47.6	42.3	49.4	56.4	56.4	56.4		
Additional Charge	oz/ft		0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.4	0.4	0.4	0.4	0.4			
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			
Outdoor Piping Connection (Liquid - Gas)	in		1/4 - 3/8	1/4 - 3/8	1/4 - 1/2	1/4 - 1/2	1/4 - 1/2	1/4 - 1/2	1/4 - 1/2	1/4 - 1/2	1/4 - 5/8	1/4 - 5/8	1/4 - 5/8	1/4 - 5/8	1/4 - 5/8	1/4 - 5/8		
Pre-Charge Length	ft		25			25			25			25			25			
Pipe Length (Min - Max)	ft		10 - 66	10 - 66	10 - 131	10 - 66	10 - 66	10 - 131	10 - 131	10 - 131	10 - 131	10 - 131	10 - 131	10 - 131	10 - 131	10 - 131		
Max. Pipe Elevation	ft		40	40	82	40	40	82	82	82	82	82	82	82	82	82		
ELECTRICAL																		
Power Supply			208-230V / 1Ph / 60Hz (Powered by the Outdoor Unit)			208-230V / 1Ph / 60Hz (Powered by the Outdoor Unit)			208-230V / 1Ph / 60Hz (Powered by the Outdoor Unit)			208-230V / 1Ph / 60Hz (Powered by the Outdoor Unit)			208-230V / 1Ph / 60Hz (Powered by the Outdoor Unit)			
Voltage Range (Min - Max)	VAC		187 - 253			187 - 253			187 - 253			187 - 253			187 - 253			
Rated Current - Cooling	A		7.5	7.5	7.5	7.0	7.0	5.95	11.5	11.5	12.5	13.5	13.5	14.5	18	20		
Rated Current - Heating	A		7.5	7.5	9	7.49	7.49	8.52	11.5	11.5	16	16	16	21.5	19.7	20		
MOCP	A		15	15	15	15	15	15	20	20	25	30	30	30	30	35		
MCA	A		10	10	11	10	10	11	16	16	23	22	22	25.5	27	24		
Main Power Wire Size	AWG		Per Local Code			Per Local Code			Per Local Code			Per Local Code			Per Local Code			
Interconnecting Wire Size	AWG		14 / 4			14 / 4			14 / 4			14 / 4			14 / 4			
LIMITED WARRANTY			5 Years Parts, 7 Years Compressor - Residential & Commercial						5 Years Parts, 7 Years Compressor - Residential & Commercial									

* 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.



Air comfort for all

GREECOMFORT.COM

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