



ALL MATCH R32
FLOOR CEILING

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	6,888 - 13,776	6,888 - 13,776	3,805 - 9,646	8,789 - 17,265	8,789 - 17,265	8,789 - 17,265	8,129 - 23,460	8,129 - 23,460	9,800 - 24,096	11,957 - 30,316	11,957 - 30,316	13,003 - 32,966	18,975 - 39,326	21,736 - 45,050
	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	5,760 - 14,300	5,760 - 14,300	4,804 - 11869	6,906 - 15,013	6,906 - 15,013	6,906 - 15,013	8,371 - 21,496	8,371 - 21,496	9,089 - 27,688	13,267 - 32,781	13,267 - 32,781	14,754 - 36,455	18,007 - 41,824	18,396 - 42,729
	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
	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
	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			0 - 118		
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			241 - 400			424 - 559			706 - 1000	895 - 1236	
Sound Pressure Level (Min - Max)	dB(A)	26 - 38			26 - 38			26 - 38			26 - 38			44 - 52	44 - 54	
Dehumidification	pt/hr	1.69			2.96			3.80			5.28			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	70.6	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	76.1	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	47.6	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	0.4	0.2	0.2	0.4	0.4	0.4	0.4	0.4	0.4	
Line Set Sized by Indoor Unit (Liquid - Gas)	in	1/4 - 3/8			1/4 - 1/2			1/4 - 1/2			3/8 - 5/8			1/4 - 5/8		
Line Set Size (Liquid - Gas) - Flared Connections	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	4.73	4.73	5.9	6.64	6.64	5.9	11.5	5.9	12.5	13	5.9	14	20	20	
Rated Current - Heating	A	6	6	7.6	6.41	6.41	7.8	11.5	7.8	16	15.5	7.8	21.5	20	20	
MCA	A	10	10	11	10	10	11	16	11	20	22	11	25	25.6	23	
MOCP	A	15	15	15	15	15	15	20	15	25	30	15	40	35	35	
Suggested Breaker Size	A	10	10	15	10	10	15	20	15	20	25	15	25	30	25	
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							



Air comfort for all

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