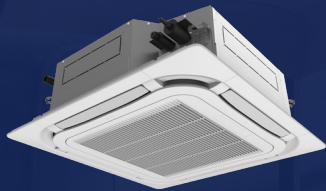




CLIMATE CONTROL WITH EFFICIENCY & AESTHETIC APPEAL



360° CASSETTE

- UP TO 24.5 SEER2 / 15.5 EER2 / 9.5 HSPF2 EFFICIENCY
- COOLING RANGE: -20°F - 122°F
- HEATING RANGE: -22°F - 86°F
- MAXIMUM LINE LENGTH: 131 FT.

MAINTAIN COMFORT WITH AN UNOBTRUSIVE, FLEXIBLE OPTION

GREE's ceiling cassette inconspicuously provides quiet performance through its innovative, 360° design. The ceiling cassette is suitable for any room and can be easily installed in a suspended ceiling with only a discreet decorative discharge grille.

- 4-Way discharge air
- Multiple fan speeds
- Swing louver control
- Automatic voltage adaption
- Internal condensate drain pump
- Sentry float switch
- Refrigerant sensor
- Anti-corrosion Fins

SYSTEM TYPE			HEAT PUMP														
Indoor Model			CAS09HP230VIR32AH			CAS12HP230VIR32AH			CAS18HP230VIR32AH			CAS24HP230VIR32AH			CAS30HP230VIR32AH	CAS36HP230VIR32AH	
Outdoor Model			VIR09HP230VIR32AO	ENV09HP230VIR32AO	SAP09HP230VIR32AO	VIR12HP230VIR32AO	ENV12HP230VIR32AO	SAP12HP230VIR32AO	VIR18HP230VIR32AO	ENV18HP230VIR32AO	SAP18HP230VIR32AO	VIR24HP230VIR32AO	ENV24HP230VIR32AO	SAP24HP230VIR32AO	LIV30HP230VIR32AO	LIV36HP230VIR32AO	
SYSTEM PERFORMANCE																	
Cooling Capacity	Min - Max	Btu/h	7,056 - 14,112	7,056 - 14,112	3,805 - 9,646	8,960 - 17,600	8,960 - 17,600	8,960 - 17,600	7,987 - 21,599	7,987 - 21,599	8,908 - 21,903	11,288 - 28,620	11,288 - 28,620	11,623 - 29,468	16,878 - 34,980	20,458 - 42,400	
	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	5,205 - 13,700	5,205 - 13,700	4,804 - 11,869	6,440 - 14,000	6,440 - 14,000	7,171 - 15,588	8,364 - 20,472	8,364 - 20,472	9,099 - 21,297	12,810 - 31,651	12,810 - 31,651	13,084 - 32,329	16,790 - 38,998	18,299 - 42,503	
	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	15,500	19,400	19,400	20,000	24,000	27,200	
	Capacity @5°F	Btu/h	7,600	7,600	8,500	10,000	10,000	10,000	12,600	12,600	13,500	16,800	16,800	17,000	21,000	23,400	
SEER2			24.0	24.0	24.5	23.0	23.0	23.0	21.0	21.0	23.0	22.5	22.5	23.0	22.50	21.0	
EER2			15.0	15.0	15.5	13.0	13.0	13.0	10.9	10.9	10.75	11.6	11.6	12.5	11.25	11.95	
HSPF2			9.2	9.2	9.5	9.0	9.0	9.0	9.0	9.0	9.2	9.0	9.0	9.0	8.5	8.5	
COP @5°F			1.94	1.94	1.84	1.90	1.90	1.90	1.80	1.80	1.80	1.80	1.80	1.80	1.80	1.90	
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			CAS09HP230VIR32AH			CAS12HP230VIR32AH			CAS18HP230VIR32AH			CAS24HP230VIR32AH			CAS30HP230VIR32AH	CAS36HP230VIR32AH	
Air flow (Min-Max)	CFM	206 - 330			206 - 330			206 - 383			440 - 560			647 - 1000		665 - 1071	
Sound Pressure Level (Min - Max)	dB(A)	29 - 40			29 - 40			30 - 44			39 - 45			38 - 51		38 - 52	
Dehumidification	pt/hr	2.96			2.96			3.80			5.28			7.40		7.82	
External Dimensions (L x D x H)	in	22-7/16 x 22-7/16 x 10-7/16			22-7/16 x 22-7/16 x 10-7/16			22-7/16 x 22-7/16 x 10-7/16			33-5/64 x 33-5/64 x 9-29/64			33-5/64 x 33-5/64 x 9-29/64		33-5/64 x 33-5/64 x 9-29/64	
Package Dimension (L x W x H)	in	27-31/64 x 25-45/64 x 11-39/64			27-31/64 x 25-45/64 x 11-39/64			27-31/64 x 25-45/64 x 11-39/64			37-29/32 x 37-29/32 x 12-51/64			36-47/64 x 35-35/64 x 10-45/64		36-47/64 x 35-35/64 x 10-45/64	
Net Weight	lbs	37.5			37.5			37.5			63.9			49.6		50.7	
Gross Weight	lbs	48.5			48.5			48.5			83.8			62.8		63.9	
CASSETTE GRILLE (REQUIRED)			GREETF05			GREETF05			GREETF05				GREETF06		GREETF06		
Grille Dimension (L x D x H)	in	24-13/32 x 24-13/32 x 1-7/8			24-13/32 x 24-13/32 x 1-7/8			24-13/32 x 24-13/32 x 1-7/8			37-13/32 x 37-13/32 x 2-3/64			37-13/32 x 37-13/32 x 2-3/64			
Package Dimension (L x W x H)	in	27-19/32 x 27-19/32 x 4-59/64			27-19/32 x 27-19/32 x 4-59/64			27-19/32 x 27-19/32 x 4-59/64			40-43/64 x 40-55/64 x 4-13/32			40-43/64 x 40-55/64 x 4-13/32			
Weight (Net / Gross)	lbs	6.6 / 9.9			6.6 / 9.9			6.6 / 9.9			13.23 / 20.948			13.23 / 20.948			
OUTDOOR UNIT			VIR09HP230VIR32AO	ENV09HP230VIR32AO	SAP09HP230VIR32AO	VIR12HP230VIR32AO	ENV12HP230VIR32AO	SAP12HP230VIR32AO	VIR18HP230VIR32AO	ENV18HP230VIR32AO	SAP18HP230VIR32AO	VIR24HP230VIR32AO	ENV24HP230VIR32AO	SAP24HP230VIR32AO	LIV30HP230VIR32AO	LIV36HP230VIR32AO	
Sound Pressure Level	dB(A)	52	52	56	52	52	55	59	59	59	59	58	61	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	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		
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	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		
Net Weight	lbs	70.6	70.6	78.3	67.3	70.6	78.3	94.8	94.8	103.6	94.8	92.6	94.8	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	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	47.6	42.3	49.4	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 - 3/8			1/4 - 1/2			1/4 - 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	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	16	15.5	7.8	21.5	20	20	
MCA	A	10	10	11	10	10	11	16	11	20	20	22	11	25	25.6	23	
MOCP	A	15	15	15	15	15	15	20	15	25	25	30	15	40	35	35	
Suggested Breaker Size	A	10	10	15	10	10	15	20	15	20	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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