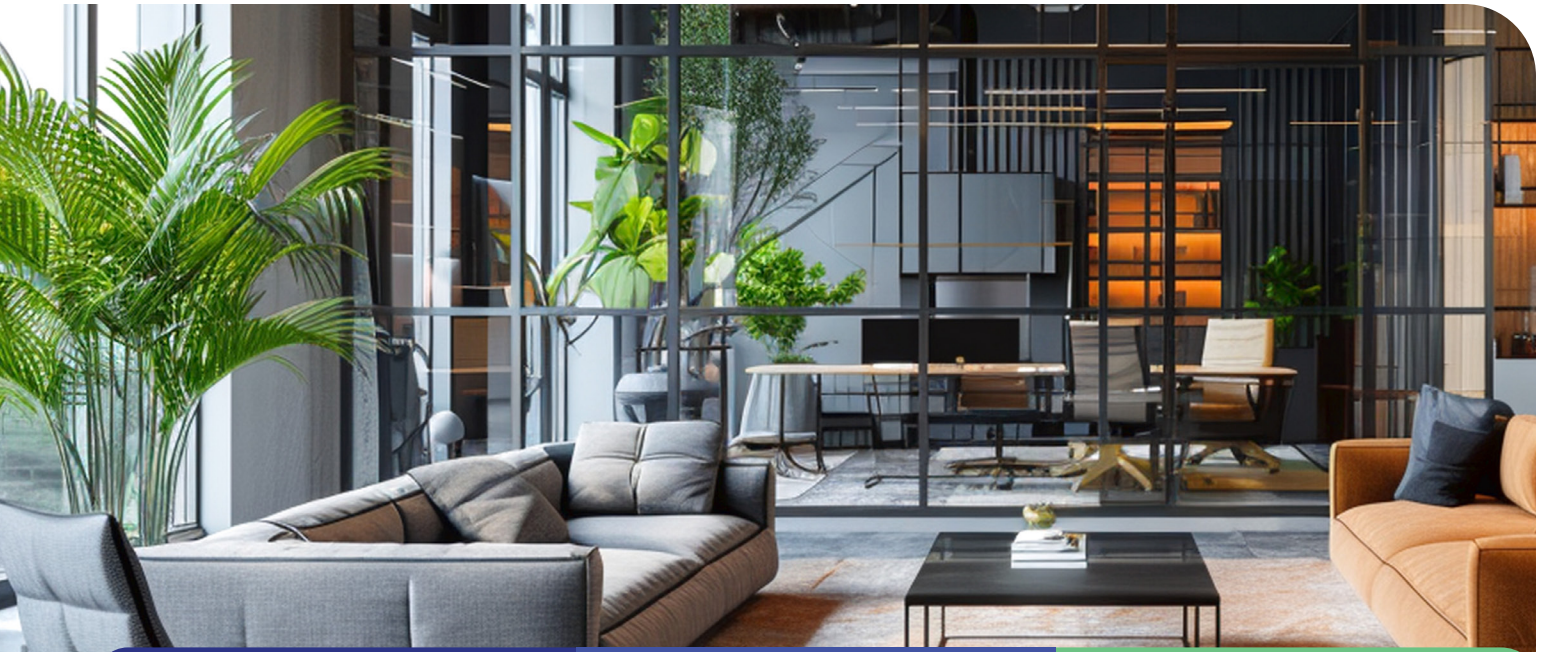


ALL MATCH^{R32}

360° CASSETTE

CLIMATE CONTROL WITH EFFICIENCY & AESTHETIC APPEAL



**HIGH EFFICIENCY,
24 SEER2 / 15 EER2
9.2 HSPF2**



**COOLING RANGE:
-20°F - 122°F
HEATING RANGE:
-22°F - 86°F**



**MAXIMUM LINE LENGTH:
131 FT.**



- 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		CAS09HPJ132IA	CAS12HPJ132IA	CAS18HPJ132IA	CAS24HPJ132IA	CAS30HPJ132IA	CAS36HPJ132IA	
Outdoor Model		NOV09HPJ132OA	NOV12HPJ132OA	NOV18HPJ132OA	NOV24HPJ132OA	BRS30HPJ132OA	BRS36HPJ132OA	
SYSTEM PERFORMANCE								
Cooling Capacity	Min - Max	Btu/h	2,559 - 12,624	2,300 - 16,000	5,118 - 19,790	3,100 - 29,000	4,780 - 33,440	7,850 - 37,500
	Rated Capacity @95°F	Btu/h	9,100	12,000	18,000	22,000	30,000	33,600
Heating Capacity	Min - Max	Btu/h	2,900 - 13,648	2,700 - 14,000	4,436 - 20,472	3,920 - 29,000	5,730 - 35,140	10,000 - 37,500
	Rated Capacity @47°F	Btu/h	10,500	12,000	18,000	24,000	30,000	34,000
	Rated Capacity @17°F	Btu/h	8,800	10,000	14,700	19,400	24,000	27,200
	Rated Capacity @5°F	Btu/h	7,600	10,000	12,600	16,800	21,000	23,400
SEER2			24.0	23.0	21.0	22.5	22.50	21.0
EER2			15.0	13.0	10.9	11.6	11.25	11.95
HSPF2			9.2	9.0	9.0	9.0	8.5	8.5
COP @5°F			1.94	1.90	1.80	1.80	1.80	1.90
Energy Star®			YES	NO	NO	NO	NO	NO
Energy Star® Certified with Cold Climate Designation			YES	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		CAS09HPJ132IA	CAS12HPJ132IA	CAS18HPJ132IA	CAS24HPJ132IA	CAS30HPJ132IA	CAS36HPJ132IA	
Air flow (Min-Max)		CFM	206 - 330	206 - 330	206 - 383	488 - 647	647 - 1000	665 - 1071
Sound Pressure Level (Min - Max)		dB(A)	27 - 40	29 - 41	28 - 44	38 - 44	38 - 51	38 - 52
Dehumidification		pt/hr	1.69	2.96	3.80	4.23	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		NOV09HPJ132OA	NOV12HPJ132OA	NOV18HPJ132OA	NOV24HPJ132OA	BRS30HPJ132OA	BRS36HPJ132OA	
Sound Pressure Level		dB(A)	52	52	59	61	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	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 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	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	
Net Weight		lbs	70.6	67.3	94.8	103.6	116.8	122.4
Gross Weight		lbs	76.1	72.8	104.7	114.7	127.9	133.4
REFRIGERANT PIPING								
Refrigerant Charge - R32		oz	30	28.2	40.6	49.4	56.4	
Additional Charge		oz/ft	0.2	0.2	0.2	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 - 1/2	1/4 - 1/2	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 - 66	10 - 131	10 - 131	
Max. Pipe Elevation		ft	40	40	40	82	82	
ELECTRICAL								
Power Supply		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	5.8	7.0	11.5	13.5	18	20
Rated Current - Heating		A	6.1	7.49	11.5	16	19.7	20
MOCP		A	15	15	20	30	30	35
MCA		A	10	10	16	22	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						

* 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.



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