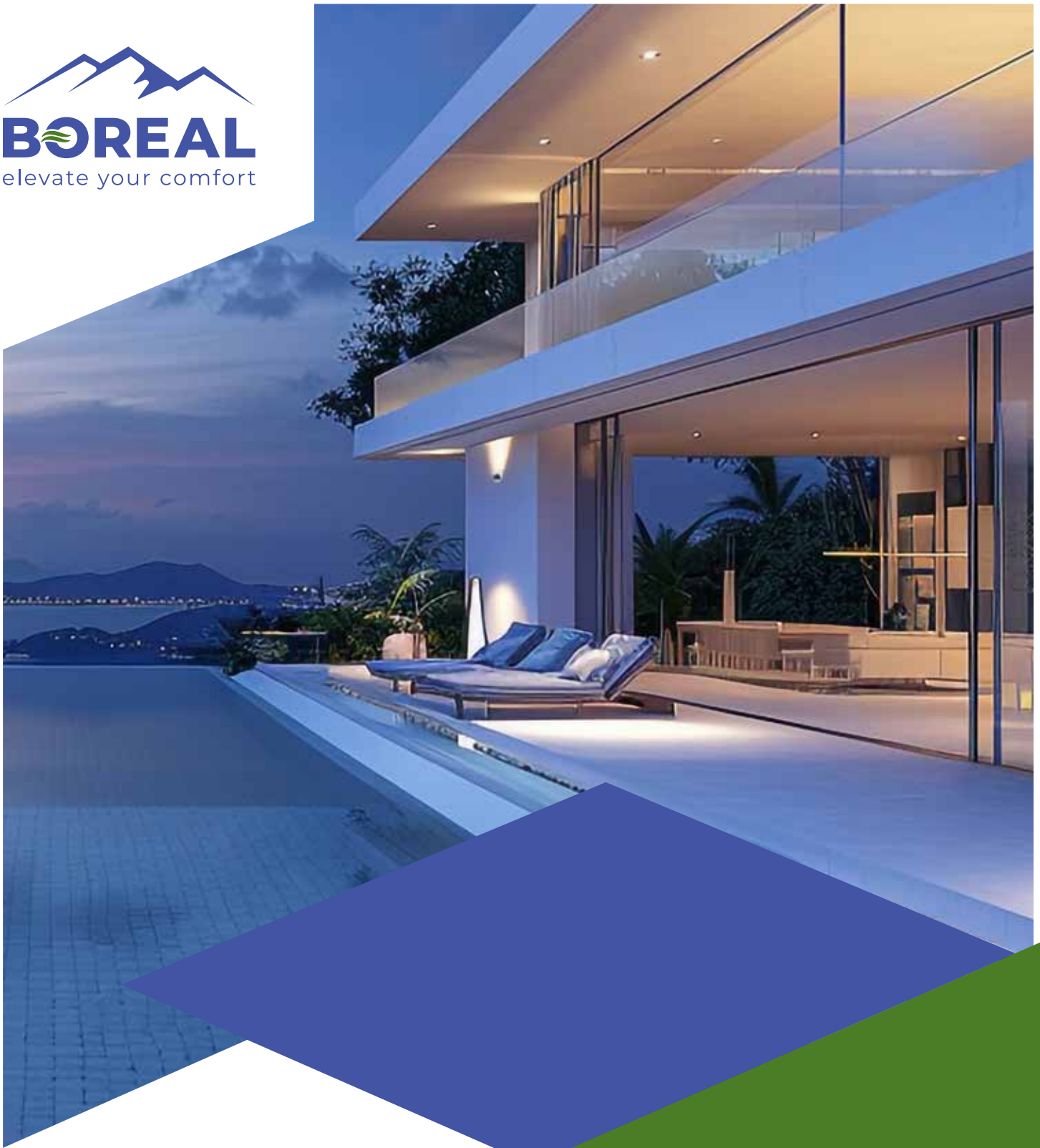




BOREALHEATPUMPS.COM

ELEVATE YOUR COMFORT

SINGLE-ZONE

MULTI-ZONE

CENTRAL AIR



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DISCOVER THE ADVANTAGES OF CHOOSING BOREAL

Dedicated to excellence, Boreal excels in both residential and commercial applications, delivering top-of-the-line HVAC systems that blend seamlessly with your lifestyle or business operations.



G20 INVERTER TECHNOLOGY

A highly efficient and energy-saving system designed to optimize the performance of air conditioning units by precisely controlling the power supply frequency, resulting in **enhanced cooling and heating performance, reduced energy consumption, and quieter operation.**



INDOOR COMFORT YOU CAN COUNT ON



HIGH EFFICIENCY, UP TO
19.0 SEER2 / 11.9 EER2
8.6 HSPF2



COOLING RANGE:
0°F - 118°F
HEATING RANGE:
-13°F - 75°F



BUILT-IN
WIFI



- Auto Clean
- Dehumidification
- New R32 Refrigerant
- Self-diagnosis
- Multiple fan speeds

- Automatic voltage adaptation
- Low voltage start-up
- Swing louver control
- Maximum line lenght: 131 FT
- 115 Volt option in 9K & 12K system

SYSTEM TYPE		HEAT PUMP					
Outdoor Model		VEN09HPLI32OA	VENI2HPLI32OA	VEN09HPJ132OA	VENI2HPJ132OA	VENI8HPJ132OA	VEN24HPJ132OA
Indoor Model		VEN09HPLI32IA	VENI2HPLI32IA	VEN09HPJ132IA	VENI2HPJ132IA	VENI8HPJ132IA	VEN24HPJ132IA
SYSTEM PERFORMANCE							
Cooling Capacity	Min - Max	Btu/h	2,730 - 11,000	2,730 - 12,700	3,071 - 11,000	2,388 - 12,710	3,753 - 19,790
	Rated Capacity @95°F	Btu/h	9,100	12,000	9,100	12,000	18,000
Heating Capacity	Min - Max	Btu/h	2,390 - 13,000	2,388 - 13,480	2,217 - 12,300	2,217 - 13,477	4,100 - 19,107
	Rated Capacity @47°F	Btu/h	10,000	12,000	10,000	12,000	18,000
	Rated Capacity @17°F	Btu/h	8,000	9,700	8,000	9,700	11,200
	Rated Capacity @5°F	Btu/h	7,000	9,500	7,600	9,500	10,000
SEER2			18.5	16.0	18.8	16.0	18.0
EER2			11.9	8.85	12.3	8.55	10.20
HSPF2			8.6	8.5	8.6	8.0	8.2
COP @5°F			1.80	1.75	1.85	1.75	1.75
Energy Star® South			YES	NO	YES	NO	NO
Energy Star® Certified with Cold Climate Designation			YES	NO	YES	NO	NO
Cooling Temperature Range		°F	0 - 118	0 - 118	0 - 118	0 - 118	0 - 118
Heating Temperature Range		°F	-13 - 75	-13 - 75	-13 - 75	-13 - 75	-13 - 75
Refrigerant Type			R32				
INDOOR UNIT			VEN09HPLI32IA	VENI2HPLI32IA	VEN09HPJ132IA	VENI2HPJ132IA	VENI8HPJ132IA
Air flow (Min - Max)		CFM	165 - 294	159 - 365	165 - 294	159 - 365	282 - 589
Sound Pressure Level (Min - Max)		dB(A)	23 - 40	22 - 42	23 - 40	22 - 42	33 - 51
Dehumidification		pt/hr	1.69	2.96	1.69	2.96	3.80
External Dimensions (W x H x D)		in	32-51/64 x 10-15/64 x 7-9/16	32-51/64 x 10-15/64 x 7-9/16	32-51/64 x 10-15/64 x 7-9/16	32-51/64 x 10-15/64 x 7-9/16	39-3/8 x 13-7/64 x 9-51/64
Package Dimension (L x W x H)		in	34-23/32 x 13-5/64 x 10-7/16	34-23/32 x 13-5/64 x 10-7/16	34-23/32 x 13-5/64 x 10-7/16	34-23/32 x 13-5/64 x 10-7/16	41-11/16 x 15-63/64 x 12-29/32
Net Weight		lbs	17.6	17.6	17.6	17.6	29.8
Gross Weight		lbs	20.9	20.9	20.9	20.9	35.3
OUTDOOR UNIT			VEN09HPLI32OA	VENI2HPLI32OA	VEN09HPJ132OA	VENI2HPJ132OA	VENI8HPJ132OA
Compressor Type			G20 / SINGLE CYLINDER / 1 - STAGE INVERTER				
Sound Pressure Level		dB(A)	51	52	51	52	58
External Dimensions (W x H x D)		in	28-13/16 x 21-27/32 x 12-63/64	28-13/16 x 21-27/32 x 12-63/64	28-13/16 x 21-27/32 x 12-63/64	28-13/16 x 21-27/32 x 12-63/64	31-37/64 x 21-27/32 x 13-25/32
Package Dimension (L x W x H)		in	31-17/64 x 14-51/64 x 24-7/32	31-17/64 x 14-51/64 x 24-7/32	31-17/64 x 14-51/64 x 24-7/32	31-17/64 x 14-51/64 x 24-7/32	34-21/64 x 15-43/64 x 24-13/32
Net Weight		lbs	55.1	58.4	54.0	56.2	62.9
Gross Weight		lbs	60.6	63.9	59.5	61.7	68.4
REFRIGERANT PIPING							
Refrigerant Charge - R32		oz	17.6	21.2	17.6	22.9	29.3
Additional Charge		oz/ft	0.2	0.2	0.2	0.2	0.1
Line Set Size (Liquid - Gas) - Flared Connections		in	1/4 - 3/8	1/4 - 3/8	1/4 - 3/8	1/4 - 3/8	1/4 - 1/2
Pre-Charge Length		ft	25				
Pipe Length (Min - Max)		ft	10 - 66	10 - 66	10 - 66	10 - 66	10 - 82
Max. Pipe Elevation		ft	39	39	49	39	33
ELECTRICAL							
Power Supply			115V / 1Ph / 60Hz (Powered by the Outdoor Unit)		208-230V / 1Ph / 60Hz (Powered by the Outdoor Unit)		
Voltage Range (Min - Max)		VAC	103 - 126		187 - 253		
Rated Current - Cooling		A	12.5	15.22	7.5	7	10
Rated Current - Heating		A	15.4	14.67	7.5	8	10
MOCP		A	20	20	15	15	15
MCA		A	19	19	10	12	13
Main Power Wire Size		AWG	Per Local Code				
Interconnecting Wire Size		AWG	14 / 4				
LIMITED WARRANTY			5 Years Parts, 7 Years Compressor - Residential & Commercial				



HEATING AND COOLING
YOU CAN COUNT ON



UP TO 22 SEER2 /
12.5 EER2 / 8.8 HSPF2
EFFICIENCY



COOLING RANGE:
-4°F - 122°F
HEATING RANGE:
-13°F - 75°F



BUILT-IN WIFI
SMART HOME

• Auto Clean

• Dehumidification

• I-Feel functionality

• Self-diagnosis

• Multiple fan speeds

• Automatic voltage adaptation

• Low voltage start-up

• Swing louver control

• Maximum line lenght: 131 FT

• 115 Volt option in 9K & 12K system



SYSTEM TYPE			HEAT PUMP							
Outdoor Model			BRS09HPLI32OA	BRS12HPLI32OA	BRS09HPJI32OA	BRS12HPJI32OA	BRS18HPJI32OA	BRS24HPJI32OA	BRS30HPJI32OA	BRS36HPJI32OA
Indoor Model			BRS09HPLI32IA	BRS12HPLI32IA	BRS09HPJI32IA	BRS12HPJI32IA	BRS18HPJI32IA	BRS24HPJI32IA	BRS30HPJI32IA	BRS36HPJI32IA
SYSTEM PERFORMANCE										
Cooling Capacity	Min - Max	Btu/h	2,700 - 11,600	3,070 - 13,300	2,388 - 10,300	3,070 - 13,300	3,753 - 20,300	5,800 - 26,270	3,000 - 36,000	7,850 - 37,500
	Rated Capacity @95°F	Btu/h	9,100	12,000	9,100	12,000	18,000	24,000	30,000	33,600
Heating Capacity	Min - Max	Btu/h	2,400 - 13,300	3,070 - 14,600	2,217 - 13,136	3,070 - 14,600	2,730 - 22,500	5,400 - 26,600	5,800 - 35,500	10,000 - 37,500
	Rated Capacity @47°F	Btu/h	10,000	12,000	10,000	12,000	19,100	24,000	30,000	34,000
	Rated Capacity @17°F	Btu/h	8,100	9,700	8,100	9,700	15,300	19,200	24,000	27,400
	Rated Capacity @5°F	Btu/h	7,600	8,500	7,600	9,100	12,100	15,700	23,000	24,600
SEER2			20.5	19.0	20.5	19.0	20.0	19.0	22.0	21.0
EER2			11.9	9.3	12.5	9.75	12.35	11.9	10.9	10.6
HSPF2			8.8	8.5	8.8	8.5	8.5	8.5	9.0	8.5
COP @5°F			1.86	1.75	1.94	1.75	1.75	1.75	1.8	1.8
Energy Star® South			NO	NO	NO	NO	NO	NO	NO	NO
Energy Star® Certified with Cold Climate Designation			NO	NO	NO	NO	NO	NO	NO	YES
Cooling Temperature Range		°F	0 - 118	0 - 118	0 - 118	0 - 118	0 - 118	0 - 118	-4 - 122	-4 - 122
Heating Temperature Range		°F	-13 - 75	-13 - 75	-13 - 75	-13 - 75	-13 - 75	-13 - 75	-13 - 75	-13 - 75
Refrigerant Type			R32							
INDOOR UNIT			BRS09HPLI32IA	BRS12HPLI32IA	BRS09HPJI32IA	BRS12HPJI32IA	BRS18HPJI32IA	BRS24HPJI32IA	BRS30HPJI32IA	BRS36HPJI32IA
Air flow (Min - Max)		CFM	159 - 353	182 - 424	159 - 353	182 - 424	282 - 618	412 - 677	441 - 794	441 - 794
Sound Pressure Level (Min - Max)		dB(A)	24 - 43	27 - 47	24 - 41	27 - 47	34 - 53	36 - 51	36 - 52	36 - 52
Dehumidification		pt/hr	1.69	2.96	1.69	2.96	3.80	5.28	7.40	7.40
External Dimensions (W x H x D)		in	32-7/8 x 10-53/64 x 7-7/8	32-7/8 x 10-53/64 x 7-7/8	32-7/8 x 10-53/64 x 7-7/8	32-7/8 x 10-53/64 x 7-7/8	37-1/8 x 13-7/64 x 9-11/16	42-7/16 x 13-7/64 x 9-11/16	42-7/16 x 13-7/64 x 9-11/16	42-7/16 x 13-7/64 x 9-11/16
Package Dimension (W x H x D)		in	35-15/64 x 13-37/64 x 10-43/64	35-15/64 x 13-37/64 x 10-43/64	35-15/64 x 13-37/64 x 10-43/64	35-15/64 x 13-37/64 x 10-43/64	39-13/32 x 15-15/16 x 12-43/64	44-39/64 x 16-19/64 x 13-7/64	44-39/64 x 16-19/64 x 13-7/64	44-39/64 x 16-19/64 x 13-7/64
Net Weight		lbs	19.8	19.8	19.8	19.8	28.7	33.1	34.2	34.2
Gross Weight		lbs	24.3	24.3	24.3	24.3	34.2	39.7	40.8	40.8
OUTDOOR UNIT			BRS09HPLI32OA	BRS12HPLI32OA	BRS09HPJI32OA	BRS12HPJI32OA	BRS18HPJI32OA	BRS24HPJI32OA	BRS30HPJI32OA	BRS36HPJI32OA
Compressor Type			G20 / SINGLE CYLINDER / 1 - STAGE INVERTER							
Sound Pressure Level		dB(A)	51	52	51	52	57	58	62	62
External Dimensions (W x H x D)		in	28-13/16 x 21-7/8 x 12-63/64	28-13/16 x 21-7/8 x 12-63/64	28-13/16 x 21-7/8 x 12-63/64	28-13/16 x 21-7/8 x 12-63/64	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 15-13/16	39-3/8 x 29-3/8 x 15-13/16
Package Dimension (W x H x D)		in	31-17/64 x 24-7/32 x 14-51/64	31-17/64 x 24-7/32 x 14-51/64	31-17/64 x 24-7/32 x 14-51/64	31-17/64 x 24-7/32 x 14-51/64	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	42-33/64 x 31-57/64 x 19-1/64
Net Weight		lbs	55.1	58.4	52.9	56.2	70.6	93.7	116.8	122.4
Gross Weight		lbs	60.6	63.9	58.4	61.7	76.1	103.6	127.9	133.4
REFRIGERANT PIPING										
Refrigerant Charge - R32		oz	18.7	17.6	18.7	17.6	32.5	42.3	56.4	56.4
Additional Charge		oz/ft	0.2	0.2	0.2	0.2	0.2	0.1	0.4	0.4
Line Set Size (Liquid - Gas) - Flared Connections		in	1/4 - 3/8	1/4 - 3/8	1/4 - 3/8	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							
Pipe Length (Min - Max)		ft	10 - 66	10 - 66	10 - 66	10 - 66	10 - 82	10 - 131	10 - 131	10 - 131
Max. Pipe Elevation		ft	40	40	40	40	33	82	82	82
ELECTRICAL										
Power Supply			115V / 1Ph / 60Hz (Powered by the Outdoor Unit)			208-230V / 1Ph / 60Hz (Powered by the Outdoor Unit)				
Voltage Range (Min - Max)		VAC	103 - 126			187 - 253				
Rated Current - Cooling		A	12.5	14.34	6.5	7.02	9.5	11	20	20
Rated Current - Heating		A	15.4	14.64	7	7.47	9.5	12	20	20
MOCP		A	20	20	15	15	15	20	30	35
MCA		A	19	19	10	12	13	15	27	24
Main Power Wire Size		AWG	Per Local Code							
Interconnecting Wire Size		AWG	14 / 4							
LIMITED WARRANTY			5 Years Parts, 7 Years Compressor - Residential & Commercial							



HIGH PERFORMANCE & EFFICIENCY



UP TO 26.0 SEER2 / 15.0 EER2 / 10.4 HSPF2 EFFICIENCY



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



BUILT-IN WIFI

- Option for Fresh Air kit
 - Dehumidification
 - Auto-Clean
 - Self-diagnosis
 - Multiple fan speeds
- Automatic voltage adaptation
 - Low voltage start-up
 - Swing louver control
 - Optional fresh air kit
 - Maximum line length: 131 ft.



SYSTEM TYPE			HEAT PUMP					
Outdoor Model			NOV09HPLI320A	NOV12HPLI320A	NOV09HPJ1320A	NOV12HPJ1320A	NOV18HPJ1320A	NOV24HPJ1320A
Indoor Model			NOV09HPLI321A	NOV12HPLI321A	NOV09HPJ1321A	NOV12HPJ1321A	NOV18HPJ1321A	NOV24HPJ1321A
SYSTEM PERFORMANCE								
Cooling Capacity	Min - Max	Btu/h	2,730 - 12,966	2,729.6 - 15,012.8	2,730 - 12,966	2,729.6 - 15,012.8	5,118 - 22,178	3,990 - 28,000
	Rated Capacity @95°F	Btu/h	9,100	12,000	9,100	12,000	18,000	22,000
Heating Capacity	Min - Max	Btu/h	2,388 - 15,013	3,070.8 - 15,695.2	2,388 - 15,013	3,070.8 - 15,695.2	4,436 - 22,178	2,900 - 27,640
	Rated Capacity @47°F	Btu/h	10,000	12,000	10,500	12,000	18,000	24,000
	Rated Capacity @17°F	Btu/h	10,500	10,000	11,000	10,000	14,700	20,000
	Rated Capacity @5°F	Btu/h	9,200	9,500	9,300	11,000	14,600	22,000
SEER2			27.0	24.5	26.0	24.5	24.5	24.0
EER2			15.0	13.0	15.0	13.0	13.65	13.1
HSPF2			10.5	9.5	10.4	9.5	9.0	9.0
COP @5°F			1.90	1.95	1.96	1.95	1.9	1.75
Energy Star® South			YES	YES	YES	YES	YES	NO
Energy Star® Certified with Cold Climate Designation			YES	YES	YES	YES	YES	YES
Cooling Temperature Range		°F	-20 - 122	-20 - 122	-20 - 122	-20 - 122	-20 - 122	-20 - 122
Heating Temperature Range		°F	-22 - 86	-22 - 86	-22 - 86	-22 - 86	-22 - 86	-22 - 86
Refrigerant Type			R32					
INDOOR UNIT			NOV09HPLI321A	NOV12HPLI321A	NOV09HPJ1321A	NOV12HPJ1321A	NOV18HPJ1321A	NOV24HPJ1321A
Air flow (Min - Max)		CFM	129 - 353	212 - 400	129 - 353	212 - 400	324 - 589	235 - 559
Sound Pressure Level (Min - Max)		dB(A)	20 - 41	20 - 43	20 - 41	20 - 43	29 - 48	30 - 48
Dehumidification		pt/hr	1.69	2.96	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	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	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	20.9	20.9	29.8	29.8
Gross Weight		lbs	25.4	25.4	25.4	25.4	35.3	35.3
OUTDOOR UNIT			NOV09HPLI320A	NOV12HPLI320A	NOV09HPJ1320A	NOV12HPJ1320A	NOV18HPJ1320A	NOV24HPJ1320A
Compressor Type			G20 / SINGLE CYLINDER / 1 - STAGE INVERTER					
Sound Pressure Level		dB(A)	52	52	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	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	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	69.5	70.6	67.3	94.8	103.6
Gross Weight		lbs	76.1	75.0	76.1	72.8	104.7	114.7
REFRIGERANT PIPING								
Refrigerant Charge - R32		oz	30	28.2	30	28.2	40.6	49.4
Additional Charge		oz/ft	0.2	0.2	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 - 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 - 66	10 - 66	10 - 131	10 - 131
Max. Pipe Elevation		ft	40	40	40	40	82	82
ELECTRICAL								
Power Supply			115V / 1Ph / 60Hz (Powered by the Outdoor Unit)			208-230V / 1Ph / 60Hz (Powered by the Outdoor Unit)		
Voltage Range (Min - Max)		VAC	103 - 126			187 - 253		
Rated Current - Cooling		A	12.28	15.38	4.73	6.64	11.5	13.5
Rated Current - Heating		A	16.59	15.41	6	6.41	11.5	17.2
MOCP		A	20	20	15	15	20	30
MCA		A	19	19	10	10	16	22
Main Power Wire Size		AWG	Per Local Code					
Interconnecting Wire Size		AWG	14 / 4					
LIMITED WARRANTY			5 Years Parts, 7 Years Compressor - Residential & Commercial					



IT ALL FITS TOGETHER
FOR COMFORT



UP TO 21.0 SEER2 /
13.6 EER2 / 10.0 HSPF2
EFFICIENCY



COOLING RANGE:
-22°F - 118°F
HEATING RANGE:
-22°F - 75°F



SMALL
“FOOT PRINT” DESIGN



- Self-Diagnosis
 - Indoor units powered by outdoor unit
 - Intelligent defrost
 - Automatic voltage adaptation
- Small footprint design
 - Advanced G20 inverter technology
 - Quiet operation
 - Up to 7 unique indoor options

SYSTEM TYPE			HEAT PUMP			
Outdoor Model			MUL18HPJ132OA	MUL19HPJ132OA	MUL24HPJ132OA	MUL30HPJ132OA
Number of Zones			2	2 - 3	2 - 3	2 - 4
SYSTEM PERFORMANCE (Non-Ducted Indoor Units)						
Cooling Capacity	Min - Max	Btu/h	7,300 - 19,800	7,300 - 21,000	7,500 - 31,400	8,190 - 34,100
	Rated Capacity @95°F	Btu/h	18,000	18,000	24,000	28,400
Heating Capacity	Min - Max	Btu/h	7,300 - 18,100	7,300 - 22,000	7,500 - 31,400	8,190 - 40,900
	Rated Capacity @47°F	Btu/h	18,000	18,000	24,000	30,000
	Rated Capacity @17°F	Btu/h	16,000	16,000	23,600	28,000
	Rated Capacity @5°F	Btu/h	13,800	13,800	21,600	27,000
SEER2			21	21.0	21	21
EER2			12.0	11.5	13.3	13.6
HSPF2			10.0	10.0	10.0	10.0
COP @5°F			2.0	2.0	2.0	2.07
Energy Star® South			YES	NO	YES	YES
Energy Star® Certified with Cold Climate Designation			YES	YES	YES	YES
SYSTEM PERFORMANCE (Ducted Indoor Units)						
Cooling Capacity	Min - Max	Btu/h	7,300 - 19,800	7,300 - 21,000	7,500 - 31,400	8,190 - 34,100
	Rated Capacity @95°F	Btu/h	18,000	18,000	24,000	28,400
Heating Capacity	Min - Max	Btu/h	7,300 - 18,100	7,300 - 22,000	7,500 - 31,400	8,190 - 40,900
	Rated Capacity @47°F	Btu/h	18,000	18,000	24,000	30,000
	Rated Capacity @17°F	Btu/h	15,000	15,000	22,000	27,200
	Rated Capacity @5°F	Btu/h	13,600	13,600	21,600	26,000
SEER2			18.0	18.0	18.0	18.0
EER2			11.7	11	12.0	12.0
HSPF2			8.1	8.1	8.1	8.1
COP @5°F			1.86	1.86	1.86	1.88
Energy Star® South			YES	NO	YES	YES
Energy Star® Certified with Cold Climate Designation			YES	YES	YES	YES
SYSTEM PERFORMANCE (Mixed Ducted and Non-Ducted Indoor Units)						
Cooling Capacity	Min - Max	Btu/h	7,300 - 19,800	7,300 - 21,000	7,500 - 31,400	8,190 - 34,100
	Rated Capacity @95°F	Btu/h	18,000	18,000	24,000	28,400
Heating Capacity	Min - Max	Btu/h	7,300 - 18,100	7,300 - 22,000	7,500 - 31,400	8,190 - 40,900
	Rated Capacity @47°F	Btu/h	18,000	18,000	24,000	30,000
	Rated Capacity @17°F	Btu/h	15,400	15,500	23,000	27,600
	Rated Capacity @5°F	Btu/h	13,700	13,700	21,600	26,400
SEER2			19.0	19.0	19.0	19.0
EER2			11.8	11.1	12.2	12.2
HSPF2			9.0	9.0	9.0	9.0
COP @5°F			1.80	1.80	1.80	1.81
Energy Star® South			YES	NO	YES	YES
Energy Star® Certified with Cold Climate Designation			YES	YES	YES	YES
OUTDOOR UNIT			MUL18HPJ132OA	MUL19HPJ132OA	MUL24HPJ132OA	MUL30HPJ132OA
Cooling Temperature Range		°F	-22 - 118			
Heating Temperature Range		°F	-22 - 75			
Refrigerant Type			R32			
Cmpressor Type			G20 / Double Cylinder / 1 - Stage Inverter			
Sound Pressure Level		dB(A)	51	51	55	58
External Dimensions (W x H x D)		in	32-23/64 × 21-42/64 × 13-55/64	32-23/64 × 21-42/64 × 13-55/64	37-61/64 × 25-63/64 × 15-53/64	40-10/64 × 32-33/64 × 16-52/64
Package Dimension (W x H x D)		in	34-21/64 × 24-13/32 × 15-43/64	34-21/64 × 24-13/32 × 15-43/64	40-5/8 × 29-1/64 × 17-61/64	43-1/32 × 34-27/32 × 19-9/16
Net Weight		lbs	78.3	79.4	112.5	145.5
Gross Weight		lbs	84.9	84.9	122.4	161.0
REFRIGERANT PIPING						
Refrigerant Charge - R32		oz	31.752	31.752	59.976	77.616
Cmpressor Type			G20 / Double Cylinder / 1 - Stage Inverter			
Additional Charge		oz/ft	0.2	0.2	0.2	0.2
Port Size (Liquid - Gas)	Port A (in)		1/4 - 3/8	1/4 - 3/8	1/4 - 3/8	1/4 - 3/8
	Port B (in)		1/4 - 3/8	1/4 - 3/8	1/4 - 3/8	1/4 - 3/8
	Port C (in)			1/4 - 3/8	1/4 - 3/8	1/4 - 3/8
	Port D (in)					1/4 - 3/8
	Port E (in)					
	Port F (in)					
Pre-Charge Length		ft	33	33	98	131
Pipe Length (Min - Max)		ft	10 - 131	10 - 131	10 - 197	10 - 263
Pipe Length to furthest Indoor Unit		ft	66	66	66	82
Max. Pipe Elevation		ft	49	49	49	82
ELECTRICAL						
Power Supply			208-230V / 1Ph / 60Hz			
Voltage Range (Min - Max)		VAC	187 - 253			
Rated Current - Cooling		A	11	11	14	20
Rated Current - Heating		A	11	11	14.8	21.7
MOCP		A	20	20	25	30
MCA		A	14.5	14.5	19.5	23
Main Power Wire Size		AWG	Per Local Code			
Interconnecting Wire Size		AWG	14 / 4			
LIMITED WARRANTY			5 Years Parts, 7 Years Compressor - Residential & Commercial			

SYSTEM TYPE			HEAT PUMP			
Outdoor Model			MUL36HPJ132OA	MUL42HPJ132OA	MUL48HPJ132OA	MUL60HPJ132OA
Number of Zones			2 - 4	2 - 5	2 - 5	2 - 6
SYSTEM PERFORMANCE (Non-Ducted Indoor Units)						
Cooling Capacity	Min - Max	Btu/h	8,870 - 40,900	8,870 - 44,300	8,870 - 49,133	8,870 - 61,000
	Rated Capacity @95°F	Btu/h	36,000	42,000	48,000	55,000
Heating Capacity	Min - Max	Btu/h	8,870 - 51,180	8,870 - 54,592	8,870 - 54,592	8,870 - 62,000
	Rated Capacity @47°F	Btu/h	36,000	42,000	48,000	55,000
	Rated Capacity @17°F	Btu/h	36,000	40,000	40,000	41,000
	Rated Capacity @5°F	Btu/h	36,000	37,800	37,800	36,400
SEER2			21	21	21	21
EER2			12.0	13.0	12.0	11.65
HSPF2			10.0	10.0	10.0	10.0
COP @5°F			2.10	2.10	2.10	2.10
Energy Star® South			YES	YES	YES	NO
Energy Star® Certified with Cold Climate Designation			YES	YES	YES	NO
SYSTEM PERFORMANCE (Ducted Indoor Units)						
Cooling Capacity	Min - Max	Btu/h	8,870 - 40,900	8,870 - 44,300	8,870 - 49,133	8,870 - 61,000
	Rated Capacity @95°F	Btu/h	36,000	42,000	48,000	55,000
Heating Capacity	Min - Max	Btu/h	8,870 - 51,180	8,870 - 54,592	8,870 - 54,592	8,870 - 62,000
	Rated Capacity @47°F	Btu/h	36,000	42,000	48,000	55,000
	Rated Capacity @17°F	Btu/h	36,000	40,000	40,000	40,000
	Rated Capacity @5°F	Btu/h	33,000	36,000	36,000	31,000
SEER2			18.0	18.0	18.0	19.0
EER2			11.7	12.0	11.7	11.7
HSPF2			8.1	8.1	8.1	8.0
COP @5°F			1.90	1.90	1.90	2.30
Energy Star® South			YES	YES	YES	YES
Energy Star® Certified with Cold Climate Designation			YES	YES	YES	NO
SYSTEM PERFORMANCE (Mixed Ducted and Non-Ducted Indoor Units)						
Cooling Capacity	Min - Max	Btu/h	8,870 - 40,900	8,870 - 44,300	8,870 - 49,133	8,870 - 61,000
	Rated Capacity @95°F	Btu/h	36,000	42,000	48,000	55,000
Heating Capacity	Min - Max	Btu/h	8,870 - 51,180	8,870 - 54,592	8,870 - 54,592	8,870 - 62,000
	Rated Capacity @47°F	Btu/h	36,000	42,000	48,000	55,000
	Rated Capacity @17°F	Btu/h	36,000	40,000	40,000	40,000
	Rated Capacity @5°F	Btu/h	34,000	37,000	37,000	32,000
SEER2			19.0	19.0	19.0	20.0
EER2			11.8	12.2	11.8	11.8
HSPF2			9.0	9.0	9.0	9.0
COP @5°F			1.84	1.84	1.84	2.20
Energy Star® South			YES	YES	YES	YES
Energy Star® Certified with Cold Climate Designation			YES	YES	YES	NO
OUTDOOR UNIT			MUL36HPJ132OA	MUL42HPJ132OA	MUL48HPJ132OA	MUL60HPJ132OA
Cooling Temperature Range	°F	-22 - 118				
Heating Temperature Range	°F	-22 - 75				
Refrigerant Type			R32			
Compressor Type			G20 / Double Cylinder / 1 - Stage Inverter			
Sound Pressure Level	dB(A)	59	59	59	59	59
External Dimensions (W x H x D)	in	40-10/64 × 32-33/64 × 16-52/64	40-10/64 × 32-33/64 × 16-52/64	40-10/64 × 32-33/64 × 16-52/64	38-55/64 x 49-49/64 x 16-7/32	
Package Dimension (W x H x D)	in	43-1/32 × 34-27/32 × 19-9/16	43-1/32 × 34-27/32 × 19-9/16	43-1/32 × 34-27/32 × 19-9/16	40-43/64 x 55-5/16 x 17-7/16	
Net Weight	lbs	173.1	174.2	174.2	224.9	
Gross Weight	lbs	188.5	189.6	189.6	251.4	
REFRIGERANT PIPING						
Refrigerant Charge - R32		oz	95.256	95.256	95.256	112.88
Compressor Type			G20 / Double Cylinder / 1 - Stage Inverter			
Additional Charge		oz/ft	0.2	0.2	0.2	0.2
Port Size (Liquid - Gas)	Port A (in)	1/4 - 3/8	1/4 - 3/8	1/4 - 3/8	1/4 - 3/8	1/4 - 3/8
	Port B (in)	1/4 - 3/8	1/4 - 3/8	1/4 - 3/8	1/4 - 3/8	1/4 - 3/8
	Port C (in)	1/4 - 3/8	1/4 - 3/8	1/4 - 3/8	1/4 - 3/8	1/4 - 3/8
	Port D (in)	1/4 - 3/8	1/4 - 3/8	1/4 - 3/8	1/4 - 3/8	1/4 - 3/8
	Port E (in)		1/4 - 3/8	1/4 - 3/8	1/4 - 3/8	1/4 - 3/8
	Port F (in)				1/4 - 3/8	
Pre-Charge Length	ft	131	164	164	196.85	
Pipe Length (Min - Max)	ft	10 - 263	10 - 328	10 - 328	10 - 393.7	
Pipe Length to furthest Indoor Unit	ft	82	82	82	82	
Max. Pipe Elevation	ft	82	82	82	82	
ELECTRICAL						
Power Supply		208-230V / 1Ph / 60Hz				
Voltage Range (Min - Max)	VAC	187 - 253				
Rated Current - Cooling	A	21.7	21.7	21.7	28.5	
Rated Current - Heating	A	22.6	22.6	22.6	30	
MOCP	A	35	35	35	40	
MCA	A	30	30	30	37.5	
Main Power Wire Size	AWG	Per Local Code				
Interconnecting Wire Size	AWG	14 / 4				
LIMITED WARRANTY			5 Years Parts, 7 Years Compressor - Residential & Commercial			

INDOOR UNIT OPTIONS FOR SINGLE & MULTI-ZONE SYSTEMS

Check outdoor unit match-ups for SEER2/ EER2/ HSPF2/ COP ratings



- Option for Fresh Air kit
 - Dehumidification
 - Auto clean
 - Self-diagnosis
- Multiple fan speeds
 - Automatic voltage adaptation
 - Low voltage start-up
 - Swing louver control

WALL MOUNT

MODEL		NOV09HPJ132IA	NOV12HPJ132IA	NOV18HPJ132IA	NOV24HPJ132IA
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 × 11 17/32 × 7 7/8	32 61/64 × 11 17/32 × 7 7/8	39 3/32 × 12 1/4 × 8 47/64	39 3/32 × 12 1/4 × 8 47/64
Package Dimension (W x H x D)	in	35 9/32 × 14 11/16 × 10 45/64	35 18/64 × 14 44/64 × 10 45/64	41 17/32 × 15 5/32 × 11 47/64	41 17/32 × 15 5/32 × 11 47/64
Net Weight	lbs	20.9	20.9	29.8	29.8
Gross Weight	lbs	25.4	25.4	35.3	35.3
Line Set Size (Liquid - Gas) - Flared Connections	in	1/4 - 3/8	1/4 - 1/2	1/4 - 1/2	1/4 - 5/8
LIMITED WARRANTY		5 Years Parts, 7 Years Compressor - Residential & Commercial			



- 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

360° CASSETTE

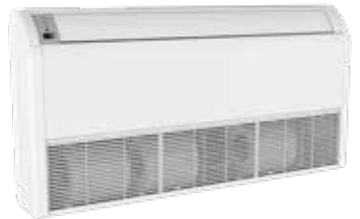
MODEL		CAS09HPJ132IA	CAS12HPJ132IA	CAS18HPJ132IA	CAS24HPJ132IA	CAS30HPJ132IA	CAS36HPJ132IA
Air flow (Min-Max)	CFM	206 - 330	206 - 330	206 - 383	488 - 647	647 - 1000	665 - 1071
Sound Pressure Level (Min - Max)	dB(A)	27 - 40	29 - 41	28 - 44	38 - 44	38 - 51	38 - 52
Dehumidification	pt/hr	1.69	2.96	3.80	4.23	7.40	7.82
External Dimensions (L x D x H)	in	22-7/16 × 22-7/16 × 10-7/16	22-7/16 × 22-7/16 × 10-7/16	22-7/16 × 22-7/16 × 10-7/16	33-5/64 × 33-5/64 × 9-29/64	33-5/64 x 33-5/64 x 9-29/64	33-5/64 × 33-5/64 × 9-29/64
Package Dimension (L x W x H)	in	27-31/64 × 25-45/64 × 11-39/64	27-31/64 × 25-45/64 × 11-39/64	27-31/64 × 25-45/64 × 11-39/64	37-29/32 × 37-29/32 × 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
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	1/4 - 5/8
CASSETTE GRILLE (REQUIRED)		GREETF05	GREETF05	GREETF05	GREETF06	GREETF06	GREETF06
Grille Dimension (L x D x H)	in	24-13/32 × 24-13/32 × 1-7/8	24-13/32 × 24-13/32 × 1-7/8	24-13/32 × 24-13/32 × 1-7/8	37-13/32 × 37-13/32 × 2-3/64	37-13/32 × 37-13/32 × 2-3/64	37-13/32 × 37-13/32 × 2-3/64
Package Dimension (L x W x H)	in	27-19/32 × 27-19/32 × 4-59/64	27-19/32 × 27-19/32 × 4-59/64	27-19/32 × 27-19/32 × 4-59/64	40-43/64 × 40-55/64 × 4-13/32	40-43/64 × 40-55/64 × 4-13/32	40-43/64 × 40-55/64 × 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	13.23 / 20.948
LIMITED WARRANTY		5 Years Parts, 7 Years Compressor - Residential & Commercial					



- High E.S.P capability-adjustable
- Slim line construction
- Outside air capability
- Cleanable air filter
- Flexible return air from bottom or rear
- Internal condensate pump
- Sentry float switch
- Refrigerant sensor

SLIM DUCT

MODEL		DUC09HPJ132IA	DUC12HPJ132IA	DUC18HPJ132IA	DUC24HPJ132IA	DUC30HPJ132IA	DUC36HPJ132IA
Air flow (Min-Max)	CFM	188 - 324	212 - 353	383 - 883	577 - 1030	647 - 883	853 - 1324
External Static Pressure (Max)	In W.c.	0.6	0.6	0.8	0.8	0.8	0.8
Sound Pressure Level (Min - Max)	dB(A)	25 - 38	25 - 39	25 - 41	27 - 43	37 - 44	39 - 45
Dehumidification	pt/hr	1.69	2.96	3.80	4.23	7.40	7.82
External Dimensions (L x D x H)	in	32-43/64 x 29-11/16 x 11-13/16	32-43/64 x 29-11/16 x 11-13/16	44-31/64 x 29-11/16 x 11-13/16	44-31/64 x 29-11/16 x 11-13/16	35-7/16 x 10-15/64 x 25-25/32	52-3/4 x 25-25/32 x 10-15/64
Package Dimension (L x W x H)	in	35-5/16 x 31-13/16 x 14-11/16	35-5/16 x 31-13/16 x 14-11/16	47-7/16 x 32-1/64 x 14-11/64	47-7/16 x 32-1/64 x 14-11/64	43-57/64 x 30-25/64 x 12-19/32	61-47/64 x 30-5/16 x 12-23/32
Net Weight	lbs	70.6	70.6	92.6	92.6	66.2	94.8
Gross Weight	lbs	83.8	83.8	106.9	106.9	77.2	108.0
Indoor Piping Connection (Liquid - Gas)*	in	1/4 - 3/8	1/4 - 3/8	1/4 - 5/8	1/4 - 5/8	1/4 - 5/8	1/4 - 5/8
LIMITED WARRANTY		5 Years Parts, 7 Years Compressor - Residential & Commercial					



- 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

FLOOR CEILING

MODEL		FLR09HPJ132IA	FLR12HPJ132IA	FLR18HPJ132IA	FLR24HPJ132IA	FLR30HPJ132IA	FLR36HPJ132IA
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
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	1/4 - 5/8
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.



- Multiple fan speeds
- Swing louver control
- Automatic voltage adaption
- Internal condensate drain pump
- Sentry float switch
- Refrigerant sensor
- Anti-corrosion Fins
- High quality motor

ONE WAY CASSETTE

MODEL		OWC09HPJ132IA	OWC12HPJ132IA	OWC18HPJ132IA	OWC20HPJ132IA
Air flow (Min-Max)	CFM	200 - 324	230 - 353	265 - 412	294 - 441
Sound Pressure Level (Min - Max)	dB(A)	28 - 37	28 - 41	32 - 43	36 - 46
Dehumidification	pt/hr	1.69	2.96	3.80	4.23
External Dimensions (L x D x H)	in	38-55/64 x 15-5/32 x 7-1/64	38-55/64 x 15-5/32 x 7-1/64	38-55/64 x 15-5/32 x 7-1/64	38-55/64 x 15-5/32 x 7-1/64
Package Dimension (L x W x H)	in	51-29/64 x 19-23/32 x 12-13/64	51-29/64 x 19-23/32 x 12-13/64	51-29/64 x 19-23/32 x 12-13/64	51-29/64 x 19-23/32 x 12-13/64
Net Weight	lbs	43.0	43.0	44.1	44.1
Gross Weight	lbs	58.4	58.4	59.5	59.5
Indoor Piping Connection (Liquid - Gas)*	in	1/4 - 3/8	1/4 - 3/8	1/4 - 1/2	1/4 - 1/2
CASSETTE GRILLE (REQUIRED)		GREETD01	GREETD01	GREETD01	GREETD01
Grille Dimension (L x D x H)	in	47-1/4 x 18-7/64 x 2-11/64	47-1/4 x 18-7/64 x 2-11/64	47-1/4 x 18-7/64 x 2-11/64	47-1/4 x 18-7/64 x 2-11/64
Package Dimension (L x W x H)	in	49-51/64 x 21-7/64 x 4-49/64	49-51/64 x 21-7/64 x 4-49/64	49-51/64 x 21-7/64 x 4-49/64	49-51/64 x 21-7/64 x 4-49/64
Weight (Net / Gross)	lbs	9.26 / 13.23	9.26 / 13.23	9.26 / 13.23	9.26 / 13.23
LIMITED WARRANTY		5 Years Parts, 7 Years Compressor - Residential & Commercial			



- 2-way discharge air
- Multiple fan speeds
- Swing louver control
- Automatic voltage adaption
- Remote & wired controller options
- Refrigerant sensor
- Anti-corrosion Fins
- High quality motor

MINI CONSOLE

MODEL		CON09HPJ132IA	CON12HPJ132IA	CON18HPJ132IA
Air flow (Min-Max)	CFM	188 - 383	206 - 441	206 - 441
Sound Pressure Level (Min - Max)	dB(A)	23 - 40	25 - 45	32 - 47
Dehumidification	pt/hr	1.69	2.96	3.80
External Dimensions (L x D x H)	in	27-9/16 x 8-15/32 x 23-5/8	27-9/16 x 8-15/32 x 23-5/8	27-9/16 x 8-15/32 x 23-5/8
Package Dimension (L x W x H)	in	31-1/32 x 11-9/64 x 27-23/64	31-1/32 x 11-9/64 x 27-23/64	31-1/32 x 11-9/64 x 27-23/64
Net Weight	lbs	33.1	33.1	34.2
Gross Weight	lbs	39.7	39.7	40.8
Indoor Piping Connection (Liquid - Gas)*	in	1/4 - 3/8	1/4 - 3/8	1/4 - 1/2
LIMITED WARRANTY		5 Years Parts, 7 Years Compressor - Residential & Commercial		



- Multiple fan speeds
- Sleep function
- Swing louver control
- Automatic voltage adaption
- Privacy lock mode
- Remote & panel controller options
- Anti-corrosion fins
- High quality motor

FLOOR STANDING

MODEL		FSU36HPJ132IA
Air flow (Min-Max)	CFM	883 - 1148
Sound Pressure Level (Min - Max)	dB(A)	48 - 54
Dehumidification	pt/hr	7.40
External Dimensions (L x D x H)	in	23-7/64 x 15-33/64 x 74-6/64
Package Dimension (L x W x H)	in	28-10/64 x 18-32/64 x 83-42/64
Net Weight	lbs	130.1
Gross Weight	lbs	156.6
Indoor Piping Connection (Liquid - Gas)*	in	1/4 - 5/8
LIMITED WARRANTY		5 Years Parts, 7 Years Compressor - Residential & Commercial



IT ALL FITS TOGETHER
FOR COMFORT



UP TO 17.0 SEER2 /
11.6 EER2 / 8.5 HSPF2
EFFICIENCY



COOLING RANGE:
5°F - 118°F
HEATING RANGE:
5°F - 75°F



SMALL
“FOOT PRINT” DESIGN



- Self-Diagnosis
 - Indoor units powered by outdoor unit
 - Intelligent defrost
 - Automatic voltage adaptation
- Advanced G20 inverter technology
 - Quiet operation
 - Up to 7 unique indoor options
 - Maximum line length: 328 ft.

SYSTEM TYPE			HEAT PUMP				
Outdoor Model			EMUL18HPJ132OA	EMUL24HPJ132OA	EMUL30HPJ132OA	EMUL36HPJ132OA	EMUL42HPJ132OA
Number of Zones			2	2 - 3	2 - 4	2 - 4	2 - 5
SYSTEM PERFORMANCE (Non-Ducted Indoor Units)							
Cooling Capacity	Min - Max	Btu/h	7,300 - 19,800	7,500 - 31,400	8,190 - 31,400	8,870 - 44,300	8,870 - 47,700
	Rated Capacity @95°F	Btu/h	18,000	24,000	28,400	36,000	42,000
Heating Capacity	Min - Max	Btu/h	7,300 - 19,800	7,500 - 31,400	8,190 - 40,900	8,870 - 47,800	8,870 - 51,200
	Rated Capacity @47°F	Btu/h	18,000	24,000	30,000	36,000	42,000
	Rated Capacity @17°F	Btu/h	15,000	19,000	25,600	29,000	31,000
	Rated Capacity @5°F	Btu/h	13,800	17,000	21,000	28,000	29,400
SEER2			17	17	17	17	17
EER2			11.3	11.6	11.1	11.6	11.0
HSPF2			8.5	8.5	8.5	8.5	8.5
COP @5°F			2.0	2.0	1.90	1.80	1.80
Energy Star® South			NO	NO	NO	NO	NO
Energy Star® Certified with Cold Climate Designation			YES	YES	YES	YES	YES
SYSTEM PERFORMANCE (Ducted Indoor Units)							
Cooling Capacity	Min - Max	Btu/h	7,300 - 19,800	7,500 - 31,400	8,190 - 31,400	8,870 - 44,300	8,870 - 47,700
	Rated Capacity @95°F	Btu/h	18,000	24,000	28,400	34,400	41,000
Heating Capacity	Min - Max	Btu/h	7,300 - 19,800	7,500 - 31,400	8,190 - 40,900	8,870 - 47,800	8,870 - 51,200
	Rated Capacity @47°F	Btu/h	18,000	24,000	30,000	34,400	41,000
	Rated Capacity @17°F	Btu/h	13,000	18,000	21,000	25,000	28,000
	Rated Capacity @5°F	Btu/h	11,000	14,000	18,000	23,600	25,000
SEER2			17.0	17.0	17.0	17.0	17.0
EER2			10	11.0	10.5	11.0	10.2
HSPF2			7.2	7.5	7.5	7.2	7.5
COP @5°F			1.80	1.80	1.70	1.60	1.60
Energy Star® South			NO	NO	NO	NO	NO
Energy Star® Certified with Cold Climate Designation			NO	NO	NO	NO	NO
SYSTEM PERFORMANCE (Mixed Ducted and Non-Ducted Indoor Units)							
Cooling Capacity	Min - Max	Btu/h	7,300 - 19,800	7,500 - 31,400	8,190 - 31,400	8,870 - 44,300	8,870 - 47,700
	Rated Capacity @95°F	Btu/h	18,000	24,000	28,400	36,000	42,000
Heating Capacity	Min - Max	Btu/h	7,300 - 19,800	7,500 - 31,400	8,190 - 40,900	8,870 - 47,800	8,870 - 51,200
	Rated Capacity @47°F	Btu/h	18,000	24,000	30,000	36,000	42,000
	Rated Capacity @17°F	Btu/h	14,000	19,000	22,000	27,000	29,000
	Rated Capacity @5°F	Btu/h	12,400	15,500	19,500	25,600	27,000
SEER2			17.0	17.0	17.0	17.0	17.0
EER2			10.5	11.3	10.8	11.3	10.6
HSPF2			7.8	8.0	8.0	7.8	8.0
COP @5°F			1.90	1.90	1.80	1.70	1.70
Energy Star® South			NO	NO	NO	NO	NO
Energy Star® Certified with Cold Climate Designation			NO	NO	NO	NO	NO
OUTDOOR UNIT			EMUL18HPJ132OA	EMUL24HPJ132OA	EMUL30HPJ132OA	EMUL36HPJ132OA	EMUL42HPJ132OA
Cooling Temperature Range		°F	5 - 118				
Heating Temperature Range		°F	5 - 75				
Refrigerant Type			R32				
Compressor Type			G-20 / Double Cylinder / 1 - STAGE INVERTER				
Sound Pressure Level		dB(A)	52	55	55	60	61
External Dimensions (W x H x D)		in	32-23/64 x 21-21/32 x 13-55/64	37-61/64 x 25-63/64 x 15-53/64	37-61/64 x 25-63/64 x 15-53/64	40-5/32 x 32-33/64 x 16-13/16	40-10/64 x 32-33/64 x 16-52/64
Package Dimension (W x H x D)		in	34-21/64 x 24-13/32 x 15-43/64	40-5/8 x 29-1/64 x 17-61/64	40-5/8 x 29-1/64 x 17-61/64	43-1/32 x 34-27/32 x 19-9/16	43-1/32 x 34-27/32 x 19-9/16
Net Weight		lbs	77.2	106.9	114.7	158.7	160.9
Gross Weight		lbs	83.8	116.9	124.6	174.2	176.3
REFRIGERANT PIPING							
Refrigerant Charge - R32		oz	31.752	59.976	63.5	84.66	84.66
Compressor Type			G20 / Double Cylinder / 1 - Stage Inverter				
Additional Charge		oz/ft	0.2	0.2	0.2	0.2	0.2
Port Size (Liquid - Gas)	Port A (in)		1/4 - 3/8	1/4 - 3/8	1/4 - 3/8	1/4 - 3/8	1/4 - 3/8
	Port B (in)		1/4 - 3/8	1/4 - 3/8	1/4 - 3/8	1/4 - 3/8	1/4 - 3/8
	Port C (in)			1/4 - 3/8	1/4 - 3/8	1/4 - 3/8	1/4 - 3/8
	Port D (in)				1/4 - 3/8	1/4 - 3/8	1/4 - 3/8
	Port E (in)						1/4 - 3/8
Pre-Charge Length		ft	66	98	98	131	164
Pipe Length (Min - Max)		ft	10 - 131	10 - 197	10 - 197	10 - 263	10 - 328
Pipe Length to furthest Indoor Unit		ft	66	66	66	82	82
Max. Pipe Elevation		ft	49	49	49	82	82
ELECTRICAL							
Power Supply			208-230V / 1Ph / 60Hz				
Voltage Range (Min - Max)		VAC	187 - 253				
Rated Current - Cooling		A	11	14.2	14.2	21.7	21.7
Rated Current - Heating		A	11	15	15	22.6	22.6
MOCP		A	20	25	25	30	30
MCA		A	14.5	18	22	26.5	27
Main Power Wire Size		AWG	Per Local Code				
Interconnecting Wire Size		AWG	14 / 4				
LIMITED WARRANTY			5 Years Parts, 7 Years Compressor - Residential & Commercial				

MULTI-ZONE
COMPATIBILITY CHART

WALL MOUNT OPTIONS

	MULTI ZONE + R32								MULTI R32				
	MUL18HPJ132OA	MUL19HPJ132OA	MUL24HPJ132OA	MUL30HPJ132OA	MUL36HPJ132OA	MUL42HPJ132OA	MUL48HPJ132OA	MUL60HPJ132OA	EMUL18HPJ132OA	EMUL24HPJ132OA	EMUL30HPJ132OA	EMUL36HPJ132OA	EMUL42HPJ132OA
BRISA R32													
System Model no.													
BRS05HPJ132IA	•	•	•	•	•	•	•		•	•	•	•	•
BRS07HPJ132IA	•	•	•	•	•	•	•		•	•	•	•	•
BRS09HPJ132IA	•	•	•	•	•	•	•	•	•	•	•	•	•
BRS12HPJ132IA	•	•	•	•	•	•	•	•	•	•	•	•	•
BRS18HPJ132IA			•	•	•	•	•	•		•	•	•	•
BRS24HPJ132IA				•	•	•	•	•			•	•	•
BRS30HPJ132IA								•					
BRS36HPJ132IA								•					
VENTO R32													
System Model no.													
VEN09HPJ132IA	•	•							•				
VEN12HPJ132IA	•	•							•				
NOVO R32													
System Model no.													
NOV09HPJ132IA	•	•	•	•	•	•	•	•	•	•	•	•	•
NOV12HPJ132IA	•	•	•	•	•	•	•	•	•	•	•	•	•
NOV18HPJ132IA			•	•	•	•	•	•		•	•	•	•
NOV24HPJ132IA				•	•	•	•	•			•	•	•

ADDITIONAL INDOOR
UNIT OPTIONS

	MULTI ZONE + R32								MULTI R32				
	MUL18HPJ132OA	MUL19HPJ132OA	MUL24HPJ132OA	MUL30HPJ132OA	MUL36HPJ132OA	MUL42HPJ132OA	MUL48HPJ132OA	MUL60HPJ132OA	EMUL18HPJ132OA	EMUL24HPJ132OA	EMUL30HPJ132OA	EMUL36HPJ132OA	EMUL42HPJ132OA
ONE WAY CASSETTE													
System Model no.													
OWC09HPJ132IA	•	•	•	•	•	•	•	•	•	•	•	•	•
OWC12HPJ132IA	•	•	•	•	•	•	•	•	•	•	•	•	•
OWC18HPJ132IA			•	•	•	•	•	•		•	•	•	•
OWC20HPJ132IA				•	•	•	•	•			•	•	•
360° CEILING CASSETTE													
System Model no.													
CAS09HPJ132IA	•	•	•	•	•	•	•	•	•	•	•	•	•
CAS12HPJ132IA	•	•	•	•	•	•	•	•	•	•	•	•	•
CAS18HPJ132IA			•	•	•	•	•	•		•	•	•	•
CAS24HPJ132IA				•	•	•	•	•			•	•	•
CAS30HPJ132IA								•					
CAS36HPJ132IA								•					
SLIM DUCT													
System Model no.													
DUC09HPJ132IA	•	•	•	•	•	•	•	•	•	•	•	•	•
DUC12HPJ132IA	•	•	•	•	•	•	•	•	•	•	•	•	•
DUC18HPJ132IA			•	•	•	•	•	•		•	•	•	•
DUC24HPJ132IA				•	•	•	•	•			•	•	•
DUC30HPJ132IA								•					
DUC36HPJ132IA								•					
FLOOR/CEILING													
System Model no.													
FLR09HPJ132IA	•	•	•	•	•	•	•	•	•	•	•	•	•
FLR12HPJ132IA	•	•	•	•	•	•	•	•	•	•	•	•	•
FLR18HPJ132IA			•	•	•	•	•	•		•	•	•	•
FLR24HPJ132IA				•	•	•	•	•			•	•	•
FLR30HPJ132IA								•					
FLR36HPJ132IA								•					
MINI CONSOLE													
System Model no.													
CON09HPJ132IA	•	•	•	•	•	•	•	•	•	•	•	•	•
CON12HPJ132IA	•	•	•	•	•	•	•	•	•	•	•	•	•
CON18HPJ132IA			•	•	•	•	•	•		•	•	•	•
AIR HANDLER													
System Model no.													
VAH12HPJ132IA	•	•	•	•	•	•	•	•	•	•	•	•	•
VAH18HPJ132IA			•	•	•	•	•	•		•	•	•	•
VAH24HPJ132IA				•	•	•	•	•			•	•	•

NOTE: R32 Indoor units are only compatible with R32 Outdoor units. Keep in mind, line set is always sized by the indoor unit valve diameter.



DELIVERS FLEXIBILITY IN
EXTREME CLIMATES



UP TO 18.5 SEER2 /
11.7 EER2 / 10.5 HSPF2
EFFICIENCY



COOLING RANGE:
5°F - 129°F
HEATING RANGE:
-22°F - 75°F



BUILT-IN
WIFI



- Operation Range -22°F~129°F
 - 100% Cooling Capacity at 115°F
 - 100% Heating Capacity at 5°F
 - RS485 Communication and Universal 24V Control
- Multi-Position Air Handler
 - Eco Friendly R32 Refrigerant
 - Ultra Heat & Dual Fuel Compatible

SYSTEM TYPE			HEAT PUMP					
Outdoor Model			ARX18HPJ1R32OA		ARX36HPJ1R32OA		ARX60HPJ1R32OA	
Indoor Model			ARX12HPJ1R32IA	ARX18HPJ1R32IA	ARX24HPJ1R32IA	ARX36HPJ1R32IA	ARX48HPJ1R32IA	ARX60HPJ1R32IA
SYSTEM PERFORMANCE								
Cooling Capacity	Min - Max	Btu/h	10,000 - 19,000	10,000 - 20,000	17,952 - 26,400	21,542 - 39,600	33,792 - 55,000	34,214 - 61,600
	Rated Capacity @95°F	Btu/h	17,000	18,000	24,000	34,000	48,000	53,000
Heating Capacity	Min - Max	Btu/h	10,000 - 19,000	10,000 - 20,000	17,287 - 27,000	19,592 - 36,040	25,162 - 50,880	25,931 - 57,240
	Rated Capacity @47°F	Btu/h	17,000	18,000	25,000	34,000	48,000	54,000
	Rated Capacity @17°F	Btu/h	14,500	14,500	20,600	28,200	39,500	45,000
	Rated Capacity @5°F	Btu/h	17,000	18,000	24,000	34,000	48,000	54,000
SEER2			18.0	18.5	18.0	18.0	19.0	18.5
EER2			12.5	12.5	12.5	12.0	12.0	11.7
HSPF2			9.0	9.0	10.0	10.0	10.0	10.5
COP @5°F			2.0	2.0	2.0	2.0	2.0	2.10
Energy Star® South			YES	YES	YES	YES	YES	YES
Energy Star® Certified with Cold Climate Designation			YES	YES	YES	YES	YES	YES
Cooling Temperature Range		°F	5 - 129	5 - 129	5 - 129	5 - 129	5 - 129	5 - 129
Heating Temperature Range		°F	-22 - 75	-22 - 75	-22 - 75	-22 - 75	-22 - 75	-22 - 75
Refrigerant Type			R32					
INDOOR UNIT			ARX12HPJ1R32IA	ARX18HPJ1R32IA	ARX24HPJ1R32IA	ARX36HPJ1R32IA	ARX48HPJ1R32IA	ARX60HPJ1R32IA
Power Supply		VAC	208-230V / 1Ph / 60 Hz					
Sound Pressure Level		dB(A)	50	50	47	51	53	54
Control Voltage		VAC	24	24	24	24	24	24
MOCP		A	15	15	15	15	15	15
MCA		A	4.6	4.6	4.7	5.3	7.1	7.7
Electric Heater (Optional)		kW	5, 10	5, 10	5, 6, 10	5, 6, 9, 10, 12, 15	5, 6, 9, 10, 12, 15, 20	5, 6, 9, 10, 12, 15, 20
Air Flow		CFM	650	650	760	1000	1200	1500
External Static Pressure (Up to)		In W.c.	1.0	1.0	1.0	1.0	1.0	1.0
Dehumidification		pt/hr	3.01	3.19	4.25	6.02	8.49	9.38
Drain Piping		in	-	-	Φ1×0.05	Φ1×0.05	Φ1×0.05	Φ1×0.05
External Dimensions (W x D x H)		in	18-1/8 x 43-1/2 x 21-1/4	18-1/8 x 43-1/2 x 21-1/4	18-1/8 x 21-1/4 x 43-1/2	21-1/4 x 21-1/4 x 48-3/16	24-13/16 x 21-1/4 x 52	24-13/16 x 21-1/4 x 52
Package Dimension (L x W x H)		in	20-5/8 x 45-5/8 x 26	20-5/8 x 45-5/8 x 26	20-5/8 x 26 x 45-5/8	23-3/4 x 26 x 50-3/8	27-1/4 x 26 x 54-3/16	27-1/4 x 26 x 54-3/16
Net Weight		lbs	135.6	135.6	135.6	163.1	199.5	199.5
Gross Weight		lbs	144.4	144.4	144.4	178.6	218.0	218.0
OUTDOOR UNIT			ARX18HPJ1R32OA		ARX36HPJ1R32OA		ARX60HPJ1R32OA	
Power Supply		VAC	208-230V / 1Ph / 60 Hz					
Sound Pressure Level		dB(A)	59		61		63	
Control Voltage		VAC	24		24		24	
Rated Current Cooling		A	14		14.6	22	30	30
Rated Current Heating		A	15		19.2	25.6	32	32
MOCP		A	20		30		45	
MCA		A	19		27.7		39.9	
Cmpressor Type			G20 / DOUBLE CYLINDER / 2 - STAGE INVERTER					
External Dimensions (W x H x D)		in	36-1/4 x 29-3/8 x 14-9/16		39 x 37-13/16 x 14-9/16		35-7/16 x 49-5/8 x 13-3/8	
Package Dimension (W x H x D)		in	42-1/4 x 31-1/2 x 19		45-3/8 x 43-11/16 x 18-13/16		40-11/16 x 55-3/16 x 17-3/8	
Net Weight		lbs	133.4		187.4		241.4	
Gross Weight		lbs	143.3		211.6		263.5	
Refrigerant Charge - R32		oz	56.4		102.3		162.3	
Additional Charge		oz/ft	0.108		0.323		0.215	
REFRIGERANT PIPING								
Line Set Size (Liquid - Gas) - Flared Connections		in	1/4 - 1/2		3/8 - 3/4		3/8 - 3/4	
Pre-Charge Length		ft	31		31		31	
Pipe Length (Min - Max)		ft	10 - 66		10 - 164		10 - 98	
Max. Pipe Elevation		ft	33		98		49	
LIMITED WARRANTY					5 Years Parts, 7 Years Compressor - Residential & Commercial			



AFFORDABLE COMFORT & FLEXIBILITY



UP TO 20 SEER2 / 11.7 EER2 / 9.5 HSPF2 EFFICIENCY



COOLING RANGE: 5°F - 118°F
HEATING RANGE: 5°F - 75°F



BUILT-IN WIFI



- Sound levels down to 56 dB(A) on outdoor unit
- New R32 Refrigerant
- RS485 Communication and Universal 24V Control
- Multi-Position Air Handler
- All AIRMAXX ODU's have golden fin and all IDU's have blue fin
- Golden Fin Equipment – 1500 Hrs Salt Spray tested

SYSTEM TYPE			HEAT PUMP				
Outdoor Model			ARXE30HPJ1R32OA		ARXE36HPJ1R32OA	ARXE60HPJ1R32OA	
Indoor Model			ARX24HPJ1R32IA	ARX30HPJ1R32IA	ARX36HPJ1R32IA	ARX48HPJ1R32IA	ARX60HPJ1R32IA
SYSTEM PERFORMANCE							
Cooling Capacity	Min - Max	Btu/h	12,000 - 26,400	14,000 - 30,800	17,000 - 37,400	24,000 - 52,000	27,000 - 59,000
	Rated Capacity @95°F	Btu/h	24,000	28,000	34,000	48,000	54,000
Heating Capacity	Min - Max	Btu/h	12,000 - 27,000	14,000 - 31,000	17,000 - 38,000	24,000 - 53,000	27,000 - 59,000
	Rated Capacity @47°F	Btu/h	24,000	28,000	34,000	48,000	54,000
	Rated Capacity @17°F	Btu/h	19,600	23,000	27,400	38,500	43,000
	Rated Capacity @5°F	Btu/h	19,000	19,500	21,600	36,000	40,000
SEER2			18.5	18.0	19.0	20.0	19.0
EER2			11.7	11.7	11.7	11.7	11.7
HSPF2			8.3	8.3	8.3	9.5	9.5
COP @5°F			1.75	2.14	2.00	2.18	2.24
Energy Star® South			YES	NO	YES	YES	YES
Energy Star® Certified with Cold Climate Designation			NO	NO	NO	YES	YES
Cooling Temperature Range		°F	5 - 118	5 - 118	5 - 118	5 - 118	5 - 118
Heating Temperature Range		°F	5 - 75	5 - 75	5 - 75	5 - 75	5 - 75
Refrigerant Type			R32				
INDOOR UNIT			ARX24HPJ1R32IA	ARX30HPJ1R32IA	ARX36HPJ1R32IA	ARX48HPJ1R32IA	ARX60HPJ1R32IA
Power Supply		VAC	208-230V / 1Ph / 60 Hz				
Sound Pressure Level		dB(A)	47	51	51	53	54
Control Voltage		VAC	24	24	24	24	24
MOCP		A	15	15	15	15	15
MCA		A	4.7	5.3	5.3	7.1	7.7
Electric Heater (Optional)		kW	5, 6, 10	5, 6, 10	5, 6, 9, 10, 12, 15	5, 6, 9, 10, 12, 15, 20	5, 6, 9, 10, 12, 15, 20
Air Flow		CFM	760	760	1000	1200	1500
External Static Pressure (Up to)		In W.c.	1.0	1.0	1.0	1.0	1.0
Dehumidification		pt/hr	4.25	4.95	6.02	8.49	9.56
Drain Piping		in	Φ1×0.05	Φ1×0.05	Φ1×0.05	Φ1×0.05	Φ1×0.05
External Dimensions (W x D x H)		in	18-1/8 x 21-1/4 x 43-1/2	18-1/8 x 21-1/4 x 43-1/2	21-1/4 x 21-1/4 x 48-3/16	24-13/16 x 21-1/4 x 52	24-13/16 x 21-1/4 x 52
Package Dimension (L x W x H)		in	20-5/8 x 26 x 45-5/8	20-5/8 x 26 x 45-5/8	23-3/4 x 26 x 50-3/8	27-1/4 x 26 x 54-3/16	27-1/4 x 26 x 54-3/16
Net Weight		lbs	135.6	135.6	163.1	199.5	199.5
Gross Weight		lbs	144.4	144.4	178.6	218.0	218.0
OUTDOOR UNIT			ARXE30HPJ1R32OA		ARXE36HPJ1R32OA	ARXE60HPJ1R32OA	
Power Supply		VAC	208-230V / 1Ph / 60 Hz				
Sound Pressure Level		dB(A)	58		60	63	
Control Voltage		VAC	24		24	24	
Rated Current Cooling		A	17.5		17.5	30.0	
Rated Current Heating		A	11.5		11.5	32.0	
MOCP		A	25		25	40	
MCA		A	21.6		21.6	35.5	
Compressor Type			G20 / DOUBLE CYLINDER / 1 - STAGE INVERTER				
External Dimensions (W x D x H)		in	36-1/4 x 14-9/16 x 29-3/8		36-1/4 x 14-9/16 x 29-3/8	35-7/16 x 13-3/8 x 49-5/8	
Package Dimension (L x W x H)		in	42-1/2 x 19 x 31-1/2		42-1/2 x 19 x 31-1/2	40-11/16 x 17-3/8 x 55-3/16	
Net Weight		lbs	113.5		124.6	214	
Gross Weight		lbs	122.4		133.4	236	
Refrigerant Charge - R32		oz	67.0		98.8	148.2	
Additional Charge		oz/ft	0.215		0.215	0.215	
REFRIGERANT PIPING							
Line Set Size (Liquid - Gas) - Flared Connections		in	3/8 - 3/4	3/8 - 3/4	3/8 - 3/4	3/8 - 3/4	3/8 - 3/4
Pre-Charge Length		ft	31	31	31	31	31
Pipe Length (Min - Max)		ft	10 - 98	10 - 98	10 - 98	10 - 98	10 - 98
Max. Pipe Elevation		ft	49	49	49	49	49
LIMITED WARRANTY			5 Years Parts, 7 Years Compressor - Residential & Commercial				



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