



KAROLINA

SERIES

Innovative Ductless Mini Split Solutions
Split Air Conditioner with Heat Pump



Up to 27 SEER



World Class Performance | Advanced airflow design | Easy comfort control operation

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The KAROLINA features

Up to 27 SEER
World Class Performance
All Sizes (9,000-24,000 BTU/h)

- 4-way Airflow Operation (Swing)
- Extended Airflow (9K & 12K)
- Waterfall Heating Airflow
- 7 Fan Speeds-from Mute to Turbo
- Gold Fin Condenser
- Activ Carbon and Silver Ion Filters
- I-Feel Automatic Function
- Optional Tether Controller
- Low Voltage Start-up
- Intelligent Defrost
- Intelligent Pre-heating
- Sleep Mode
- Auto Clean
- Dry Anti-mildew Design
- LED Display
- Automatic Operation
- Self-diagnosing Function
- Memory Function
- 24-hour Timer
- Control Lock
- Fan Delay Function
- Energy Saving Function



Model		CH09KRL230VI / CH09KRL230VO	CH12KRL230VI / CH12KRL230VO	CH18KRL230VI / CH18KRL230VO	CH24KRL230VI / CH24KRL230VO
System Type		Heat Pump			
Power Supply		208-230V / 60Hz	208-230V / 60Hz	208-230V / 60Hz	208-230V / 60Hz
Rated Current Cooling	Amps	5.88	7.3	13.1	14.23
Rated Current Heating	Amps	6.13	4.5	13.3	17.17
System Performance					
Cooling Capacity (Min-Max)	Btu/h	9,000 (3,500 - 9,600)	12,000 (3,100 - 13,000)	18,000 (3,412 - 22,178)	24,000 (6,824 - 29,343)
Heating Capacity (Min-Max)	Btu/h	9,800 (2,200 - 11,000)	13,000 (2,400 - 14,000)	19,000 (3,412 - 23,202)	25,000 (7,506 - 37,532)
SEER/EER		27 / 14.5	25 / 12.8	21 / 12.5	21 / 12.5
HSPF/COP		10 / 13	10 / 12	10 / 12.01	10 / 10.8
Indoor Unit					
Air Flow Volume	CFM	418/300/283/247/218/182/118	453/312/288/259/221/182/118	559/512/465/418/371/330/282	647/588/530/471/412/353/294
Sound Pressure Level	dB(A)	42/38/36/34/30/26/23	44/38/36/34/30/26/24	51/47/44/41/38/36/33	52/49/47/45/43/41/38
Unit Dimension (WxHxD)	inches	34.09 x 11.50 x 8.23	34.09 x 11.50 x 8.23	40.08 x 12.56 x 9.06	46.38 x 12.84 x 10.39
Package Dimension (WxHxD)	inches	37.20 x 14.84 x 11.69	37.20 x 14.84 x 11.69	43.19 x 15.63 x 13.39	49.45 x 16.30 x 14.33
Net / Gross Weight	lb	24.3 / 30.9	24.3 / 30.9	30.9 / 38.6	38.6 / 47.4
Outdoor Units					
Compressor type		DC Inverter-driven rotary			
Sound Pressure Level	dB (A)	49	49	56	59
Unit Dimension (WxHxD)	inches	35.4 x 23.5 x 14.9	35.4 x 23.5 x 14.9	37.6 x 27.6 x 15.6	38.6 x 31.1 x 16.8
Package Dimension (WxHxD)	inches	37.3 x 16.5 x 25.4	37.3 x 16.5 x 25.4	40.5 x 18.1 x 29.5	42.6 x 19.2 x 33.7
Net / Gross Weight	lb	86.0 / 90.4	87.1 / 91.5	108.0 / 118.0	154.4 / 165.4
Refrigerant / Charge	oz.	R410A / 45.9	R410A / 45.9	R410A / 56.4	R410A / 91.7
Cooling Operation Ambient Temperature Range	°F	-0.4 ~ +115	-0.4 ~ +115	-0 ~ +109	-0 ~ +109
Heating Operation Ambient Temperature Range	°F	-4 ~ +75.2	-4 ~ +75.2	-4 ~ +75	-4 ~ +75
Piping & Electrical					
Line Set Size (Liquid - Suction)	inches	1/4" - 1/2"	1/4" - 1/2"	1/4" - 5/8"	1/4" - 5/8"
Pre-Charge	Feet	25	25	25	25
Max. Line Run	Feet	49	66	82	98
Max. Elevation	Feet	33	33	33	33
MCA	Amps	10	10	15	20
MOCP	Amps	15	15	20	30
Power supply wiring		AWG18/3	AWG18/3	AWG14/3	AWG12/3



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