

KLIMAIRE®

DC INVERTER
TECHNOLOGY

High Efficiency - Environment Concerned



Platinum Series

KsiM
SERIES



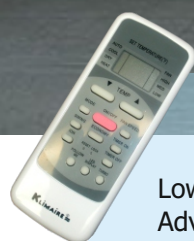
17-20 SEER

remote control with
Follow Me function



Environment concern is a priority all over the world. Environment concern is our responsibility and working philosophy.

High Efficiency 17 SEER to 20 SEER
Platinum Series cares for the future
environment our children will be inheriting.



Low Ambient Temperature
Advanced design will allow
your inverter system to
work when conditions are
harsh, as low as 15° F.



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Features:



Please check with your local authorities if by installing this unit you are entitled to any local, state or federal tax credit, or any other rebate

Klimaïre®

DC INVERTER TECHNOLOGY

- ◆ DC inverter technology
- ◆ High efficiency 17 – 20 SEER
- ◆ R-410A ozone layer protectant
- ◆ Active carbon filter for high quality indoor air
- ◆ Ionizer technology brings fresh air with negative oxygen to your room. Negative oxygen anions can eliminate pollutants which is good for your room.
- ◆ Gold-plated evaporator improves the heat exchange rate and resists corrosion.
- ◆ Hydrophilic aluminum fin heat exchanger improves cooling efficiency allowing unrestricted flow of condensate water between the evaporator fins, and in the outdoor unit improves the heating efficiency by accelerating the defrosting process.
- ◆ Changeable front colored panels to fit any room décor.
- ◆ Follow me function, with this technology the built-in remote control temperature sensor will automatically change the operation mode for improved comfort, just like the air conditioner is following you.
- ◆ Self-clean. When the unit is in cooling mode or dehumidification mode condensate water washes away dust and grease from the evaporator. When the unit is off the system will automatically keep the evaporator clean and dry.
- ◆ Auto-restart. After a power cut the unit will restart automatically with the previous function setting when the power returns.
- ◆ Two-direction airflow. In cooling mode the unit blows the air horizontally while in the heating mode directs it downwards to make the room temperature more consistent and comfortable during operation.
- ◆ Sleep mode
- ◆ Turbo mode, with this function the air conditioner will maximize the cooling or heating capacity output, cooling down or heating up rapidly to attain the desired temperature in the shortest time.
- ◆ Limited Warranty Klimaïre Products, Inc. warrants to the original enduser of this product its parts under normal use and service within the warranty period. Please visit our website for the complete details of our limited warranty.

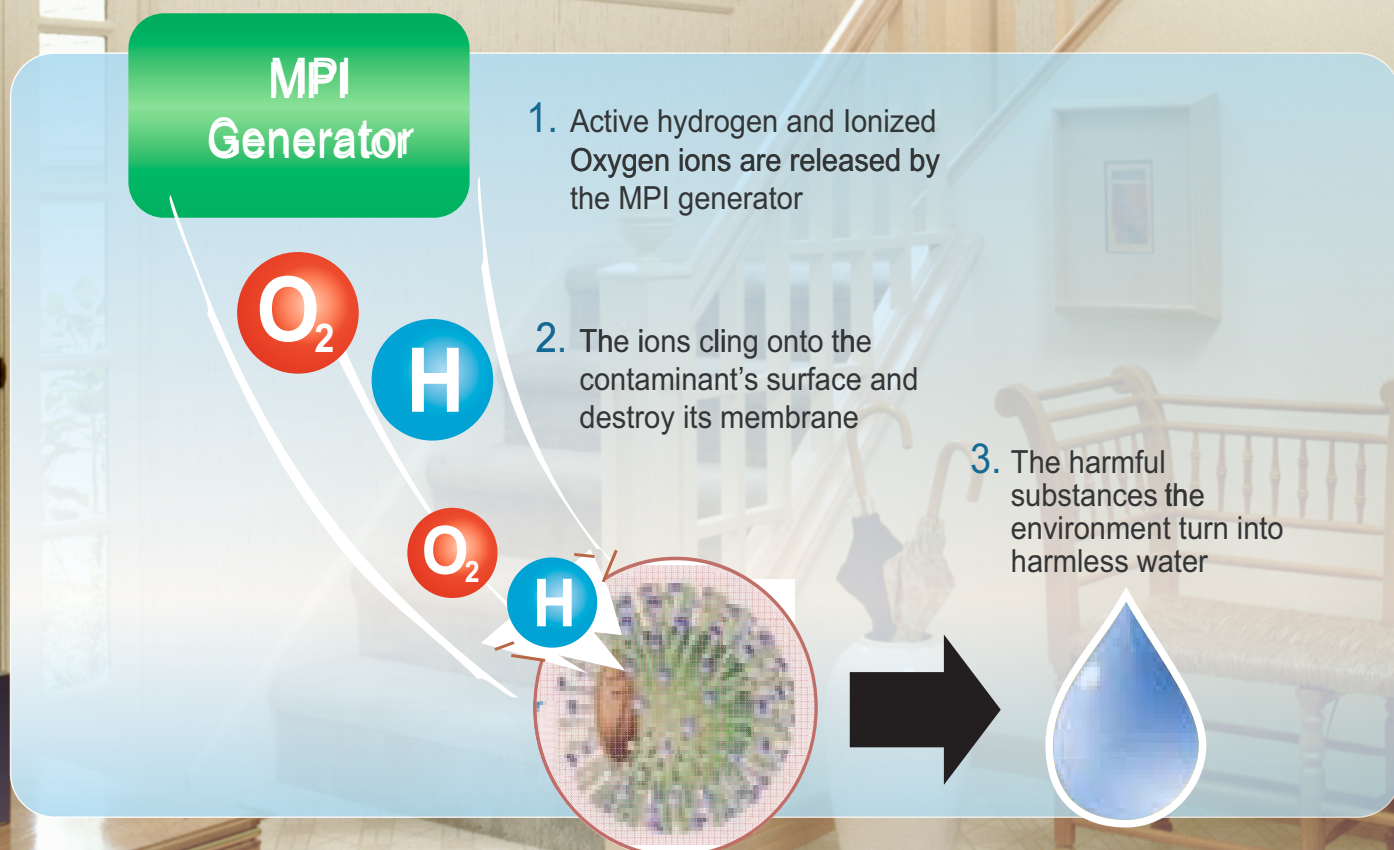
Micro Plasma Ion Generator

What is an ionizer?

Taking advantage of ionizer technology, Klimaire inverter air conditioners bring fresh air loaded with negative oxygen ions to your room. The oxygen negative ions remove harmful substances floating in the air.

How does it work?

The ionizer generates ionized oxygen and active hydrogen ions and releases them into the air. These ion cling to the surface of contaminants destroying their membranes and changing their state to harmless. Additionally negative ions can eliminate dust and smoke which is good for health. It purifies whole room air.



Ionizer Benefits

IAQ is nowadays an important health and safety concern. Anions generated by the ionizer found always in the forest or besides waterfalls can stimulate functions such as blood circulation and help in the prevention of respiratory illnesses by removing viruses such as influenza, corona and bacteria and mold, improving your indoor air quality, and help in skin aging deceleration.

Follow me



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The remote control has a room temperature sensor inside. When the remote control built-in 'Follow me' function is activated the sensor in the wireless remote control can sense its surrounding temperature and transmit the signal back to the indoor unit, that way the unit can adjust the air flow volume and temperature accordingly to provide maximum comfort and at the same time save energy. The system will operate based on the temperature sensed by the remote controller.

KSIM - Single Zone

System	Klimaïre Model No.		KSIM009-H219	KSIM012-H220	KSIM018-H217	KSIM024-H217
Nominal Performance	Energy star		YES	YES	YES	---
	Cooling Capacity	Btu/h	9000	12000	17500(6200~20000)	23000(12000~25000)
	Heating Capacity	Btu/h	10000	12500	18000(8000~21000)	24000(12000~28000)
	EER	Btu/W.h	13	12	12	10,5
	COP		3,85	3,14	3,71	3,43
	SEER	Btu/W.h	19	20	17	17
	HSPF	Btu/W.h	9.0/7.1	9.5/7.6	8.5/7.1	9.0/8.0
Power Supply	Power input	V / ph / Hz	208-230V / 1ph / 60 Hz	208-230V / 1ph / 60 Hz	208-230V / 1ph / 60 Hz	208-230V / 1ph / 60 Hz
	Amps (Cool)	A	3,5	4,7	6,8	9,7
	Amps (Heat)	A	3,8	5,4	6,3	9,5
	Minimum Circuit Amp.	A	6,2	6,2	14	14
	Max. Overc. Protection	A	10	10	25	25
	Watts (Cool)	W	700	970	1500	2150
	Watts (Heat)	W	760	1200	1420	2050
	No. of Wires Indoor/Outdoor		4	4	4	4
	Wire Size	AWG	16	16	16	16
Dimensions	Indoor Unit	mm	845 x 165 x 286	845 x 165 x 286	1080 x 200 x 320	1080 x 200 x 320
	Dimensions (W*D*H)	in	33-1/4" x 6-1/2" x 11-1/4"	33-1/4" x 6-1/2" x 11-1/4"	42-1/2" x 7-7/8" x 12-5/8"	42-1/2" x 7-7/8" x 12-5/8"
	Indoor Unit Packing	mm	905 x 285 x 355	905 x 285 x 355	1180 x 310 x 425	1180 x 310 x 425
	Dimensions (W*D*H)	in	35-5/8" x 11-1/4" x 14"	35-5/8" x 11-1/4" x 14"	46-7/16" x 12-3/16" x 16-3/4"	46-7/16" x 12-3/16" x 16-3/4"
	Indoor Unit Weight (Net / Gross)	kg	9 / 11	9 / 11	14.5 / 20	14.5 / 20
		lb	19.8 / 22.2	19.8 / 22.2	31.9 / 44	31.9 / 44
	Outdoor Unit	mm	760 x 285 x 590	760 x 285 x 590	845 x 335 x 695	895 x 330 x 860
	Dimensions (W*D*H)	in	29-15/16" x 11-1/4" x 23-1/4"	29-15/16" x 11-1/4" x 23-1/4"	33-1/4" x 13-3/16" x 27-3/8"	35-1/4" x 13" x 33-7/8"
	Outdoor Unit Packing	mm	887 x 355 x 655	887 x 355 x 655	965 x 395 x 755	1043 x 395 x 915
	Dimensions (W*D*H)	in	34-15/16" x 14" x 25-13/16"	34-15/16" x 14" x 25-13/16"	38" x 15-9/16" x 29-3/4"	41-1/16" x 15-9/16" x 36"
System	Refrigerant Gas	Type	R410A	R410A	R410A	R410A
	Amount	oz / g	38.8/1100	45.9/1300	58.2/1650	67/1900
	Design Pressure	psig	550/340	550/340	550/340	550/340
	Max. Line Run	ft	60	60	85	85
	Max. Elevation	ft	33	33	50	50
	Air Flow	m ³ /h (cfm)	680/540/490	730/580/530	1060/1000/860	1250/1150/1000
	Noise (Actual)	dB(A)	41.1/34.0/31.2	40.5/35.1/33.4(55.3)	50.2/47.5/44.8	49.6/47.3/44.3
	Noise (Rating)	dB(A)	39/34/29	39/35/31(53)	48/45/42(54)	48/45/42
	Applicable Area	Sq.Ft.	350-400	450-550	700-1000	400-1500
Features	Follow me		YES	YES	YES	YES
	Ionizer		YES	YES	YES	YES
	Turbo Mode		YES	YES	YES	YES
	Auto-restart		YES	YES	YES	YES
	Self-cleaning		YES	YES	YES	YES
	LCD display		YES	YES	YES	YES
	Auto level swing		YES	YES	YES	YES
	Active Carbon		YES	YES	YES	YES
	Golden Fin		YES	YES	YES	YES
	Vitamin C Filter		Option	Option	Option	Option
	Bio Filter		Option	Option	Option	Option
	Sliver Ion Filter		Option	Option	Option	Option
	Finger Guard net		Option	Option	Option	Option
	Timer		24	24	24	24

Continued product improvement is our goal at Klimaïre Products, Inc. Hence, specifications and data listed herein are subject to change without notice and without obligation on our part.