

R410a K-series



Quick Cooling

The optimised design of the air outlet provides a powerful airflow which cools the room temperature by up to 5 degrees in just 5.6 minutes.

In this mode, strong cool air is blown at maximum speed to make your place ultra cool in the shortest time.



10m, Powerful Airflow

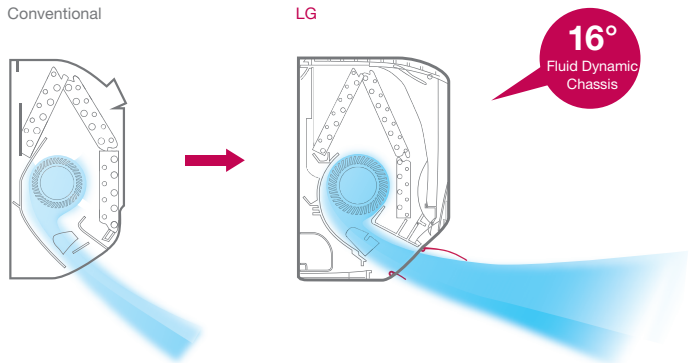
With 10m airflow, cooling is faster and more powerful than ever, allowing you to feel comfortable sooner. The new larger fan and chassis allow you to feel the air current up to 10 meters away.

Fluid Dynamic Chassis Design

The new Fluid Dynamic Chassis Design optimizes the air flow maximizing the capacity of air intake and discharge.



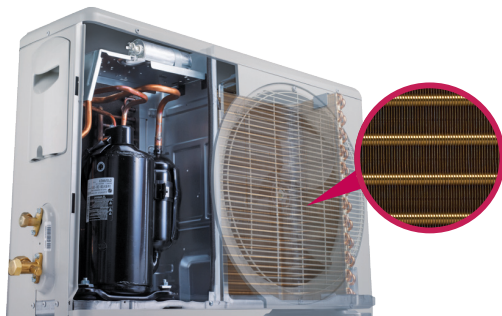
The new and improved skew fan increases the amount of airflow 10M long airflow sends the cool air to all corners of the room



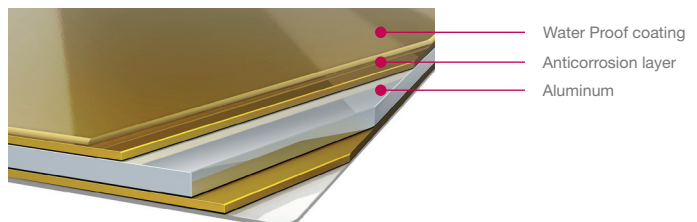
Gold Fin

Gold Fin™ is LG's exclusive anticorrosion coating. It forms a protective shield on the surface of the heat exchanger that ensures the surface is more resistant to corrosion and enhances the overall durability of the heat exchanger.

The gold colored special coating on the fin of the heat exchanger prevents corrosion.



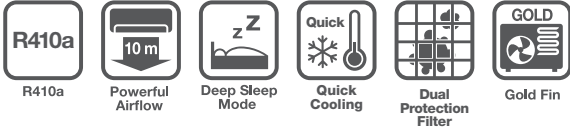
* Test result 360 hrs after being exposed to sodium chloride



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K096EH / K126EH / K186EH / K246EH



Model		K096EH	K126EH	K186EH	K246EH		
Cooling Capacity	kW	2.58	3.37	5.42	6.74		
	Btu/h.	8,800	11,500	18,500	23,000		
Heating Capacity	kW	2.73	3.52	5.86	6.83		
	Btu/h.	9,300	12,000	20,000	23,300		
Power Input	Cooling/Heating	W	900/840	1,050/975	1,780/1,820	2,400/2,250	
Running Current	Cooling/Heating	A	4.1/3.8	4.9/4.6	8.3/8.9	10.9/10.5	
EER	W/W	2.87	3.21	3.05	2.81		
	Btu/h.W	9.78	11.0	10.4	9.58		
COP	W/W	3.25	3.61	3.22	3.04		
Power Supply	Ø / V / Hz	1/220~240/50	1/220~240/50	1/220~240/50	1/220~240/50		
Power Factor	%	95	93	93	96		
Air Flow Rate	Indoor,Max	m ³ /min(CFM)	6,6(232)	9(317)	13(459)	16(566)	
	Outdoor,Max	m ³ /min(CFM)	22(776)	25(882)	42(1483)	42(1483)	
Moisture Removal	l/h.	1	2	2	3		
Sound Level	Indoor,H/M/L	dB(A)±3	35/32/28	38/33/29	41/38/34	43/40/35	
	Outdoor,Max	dB(A)±3	46	48	54	55	
Refrigerant & Charge (at 7.5 m)	g(oz)	R410a, 620(21.8)	R410a, 760(26.8)	R410a, 1110(39.1)	R410a, 1350(47.6)		
Additional Refrigerant charge	g/m(oz/ft)	20(0.22)	20(0.22)	30(1.05)	30(1.05)		
Piping Connections	Liquid Side	mm(in)	6.35(1/4)	6.35(1/4)	6.35(1/4)	9.52(3/8)	
	Gas Side	mm(in)	9.52(3/8)	12.7(1/2)	12.7(1/2)	15.88(5/8)	
Dimensions	Indoor (W*H*D)	mm	885*285*210	885*285*210	1,030*325*250	1,030*325*250	
	Outdoor (W*H*D)	mm	770*545*288	770*545*288	870*655*320	870*800*320	
Net Weight	Indoor	kg(lbs)	7.2(15.87)	11(24.25)	14.4(31.75)	14.7(32.40)	
	Outdoor	kg(lbs)	26(11.79)	30.2(13.69)	45.2(20.50)	55.2(25.044)	
Operation Range	Cooling(Outdoor)	°C	21~48	21~48	21~48	21~48	
	Heating(Outdoor)	°C	1~24	1~24	1~24	1~24	
Max. Piping Length	m(ft)	15(49.2)	15(49.2)	30(98.4)	30(98.4)		
Max. Elevation Difference	m(ft)	7(23.0)	7(23.0)	15(49.2)	15(49.2)		
Functions	Temperature Control		Thermistor	Thermistor	Thermistor	Thermistor	
	Auto Clean		X	X	X	X	
	CHAOS Wind(Auto Wind)		O	O	O	O	
	Steps, Fan/Cool/Heat		X/3/4	X/3/4	X/3/4	X/3/4	
	Airflow Direction Control(Up&Down)		Auto	Auto	Auto	Auto	
	Airflow Direction Control(Left&Right)		Manual	Manual	Manual	Manual	
	Remote Controller Type		Wireless LCD	Wireless LCD	Wireless LCD	Wireless LCD	
	Setting Temperature Range	Cooling		18°C ~ 30°C	18°C ~ 30°C	18°C ~ 30°C	18°C ~ 30°C
		Heating		16°C ~ 30°C	16°C ~ 30°C	16°C ~ 30°C	16°C ~ 30°C
	Auto Changeover (Micom Control)		O	O	O	O	
	Self Diagnosis		O	O	O	O	
	Timer		24h, On/Off	24h, On/Off	24h, On/Off	24h, On/Off	
	Sleep Operation		O	O	O	O	
	Soft Dry Operation		O	O	O	O	
	Restart Delay(minute)		3	3	3	3	
	Deice Control(Defrost)		O	O	O	O	
	Hot Start		O	O	O	O	
	Jet Cool		O	O	O	O	
	Low Ambient Operation		-	-	-	-	

Note : 1. Capacities are based on the following conditions Cooling : Indoor Temperature 27°C DB / 19°C WB / Outdoor Temperature 35°C DB / 24°C WB
Heating : Indoor Temperature 20°C DB / 15°C WB / Outdoor Temperature 7°C DB / 6°C WB

2. Specifications, design and feature are subject to change without prior notice.

O	Applied
x	Not Applied
-	Not Relevant