

LG ARTCOOL™



LG DUALCOOL™ PLUS



Specification		Unit	A13RJH	A19RKH	A24RKH	M10EJH	M13EJH.SJ0	M19EKH.SK0	M24EKHB	M3BAKH
Capacity	Cooling	Min / Rated / Max	kW 0.88 / 3.52 / 3.87	1.08 / 5.28 / 5.36	1.03 / 6.45 / 7.18	0.88 / 2.70 / 3.46	0.88 / 3.52 / 3.87	1.08 / 5.28 / 5.36	1.03 / 6.45 / 7.18	1.77 / 9.68 / 11.14
		Btu/h	3,000 / 12,000 / 13,200	3,685 / 18,000 / 18,300	3,500 / 22,000 / 24,500	3,000 / 9,200 / 11,800	3,000 / 12,000 / 13,200	3,685 / 18,000 / 18,300	3,500 / 22,000 / 24,500	6,035 / 33,000 / 38,000
	Heating	Min / Rated / Max	kW 0.88 / 3.52 / 4.04	1.08 / 5.42 / 6.10	1.03 / 6.45 / 7.18	0.88 / 2.93 / 4.04	0.88 / 3.52 / 4.04	1.08 / 5.42 / 6.10	1.03 / 6.45 / 7.18	1.47 / 8.50 / 9.79
		Btu/h	3,000 / 12,000 / 13,800	3,685 / 18,500 / 20,800	3,500 / 22,000 / 24,500	3,000 / 10,000 / 13,800	3,000 / 12,000 / 13,800	3,685 / 18,500 / 20,800	3,500 / 22,000 / 24,500	5,000 / 29,000 / 33,400
Power Input	Cooling	Min / Rated / Max	W 140 / 1,085 / 1,400	238 / 1,640 / 1,710	240 / 2,010 / 2,420	140 / 729 / 1,400	140 / 1,095 / 1,400	238 / 1,640 / 1,710	240 / 2,010 / 2,420	610 / 3,120 / 3,990
		W	140 / 975 / 1,550	238 / 1,500 / 1,800	240 / 1,890 / 2,500	140 / 771 / 1,550	140 / 975 / 1,550	238 / 1,500 / 1,800	240 / 1,890 / 2,500	539 / 2,235 / 3,990
Running Current	Cooling	Min / Rated / Max	A 0.70 / 5.00 / 6.50	1.10 / 7.40 / 8.10	1.14 / 9.60 / 11.46	0.70 / 3.50 / 6.50	0.70 / 5.00 / 6.50	1.10 / 7.40 / 8.10	1.14 / 9.60 / 11.46	3.92 / 14.20 / 17.00
		A	0.70 / 4.80 / 7.50	1.10 / 6.82 / 8.52	1.14 / 9.10 / 11.84	0.70 / 3.60 / 7.50	0.70 / 4.80 / 7.50	1.10 / 6.82 / 8.52	1.14 / 9.10 / 11.84	3.68 / 10.50 / 17.00
EER		W/W	3.24	3.22	3.21	3.70	3.24	3.22	3.21	3.10
COP		W/W	3.61	3.62	3.41	3.80	3.61	3.62	3.41	3.80
Energy Label Grade		Cooling / Heating	-	A / A++	A / A++	A++ / A++	A / A++	A / A++	A / A++	B / A++
Available Voltage Range		V	160 - 275	160 - 275	160 - 275	160 - 275	160 - 275	160 - 275	160 - 275	160 - 275
Power Supply		Ø, V, Hz	1, 220 - 240, 50	1, 220 - 240, 50	1, 220 - 240, 50	1, 220 - 240, 50	1, 220 - 240, 50	1, 220 - 240, 50	1, 220 - 240, 50	1, 220 - 240, 50
Indoor	Dimensions	Net	mm 837 × 308 × 192	998 × 345 × 212	998 × 345 × 212	837 × 308 × 189	837 × 308 × 189	998 × 345 × 210	998 × 345 × 210	1,200 × 360 × 265
	Weight	Net	kg 9.9	13	14.3	8.4	8.4	11.1	10.8	18.5
Outdoor	Dimensions	Net	mm 717 × 483 × 230	770 × 545 × 288	870 × 655 × 320	717 × 495 × 230	717 × 495 × 230	770 × 545 × 288	870 × 650 × 330	950 × 832 × 330
	Weight	Net	kg 26.4	34.2	42.7	26.4	26.4	33.9	42.2	67.1
Circuit Breaker		A	15	20	20	15	15	20	20	25
	Piping	Size	Liquid	mm ø 6.35	ø 6.35	ø 6.35	ø 6.35	ø 6.35	ø 6.35	ø 9.52
		Gas	mm ø 9.52	ø 12.7	ø 15.88	ø 9.52	ø 9.52	ø 12.7	ø 15.88	ø 15.88
Refrigerant		Type	-	R410A	R410A	R410A	R410A	R410A	R410A	R410A
Compressor		Type	-	Twin Rotary	Twin Rotary	Twin Rotary	Twin Rotary	Twin Rotary	Twin Rotary	Twin Rotary

LG DUALCOOL™



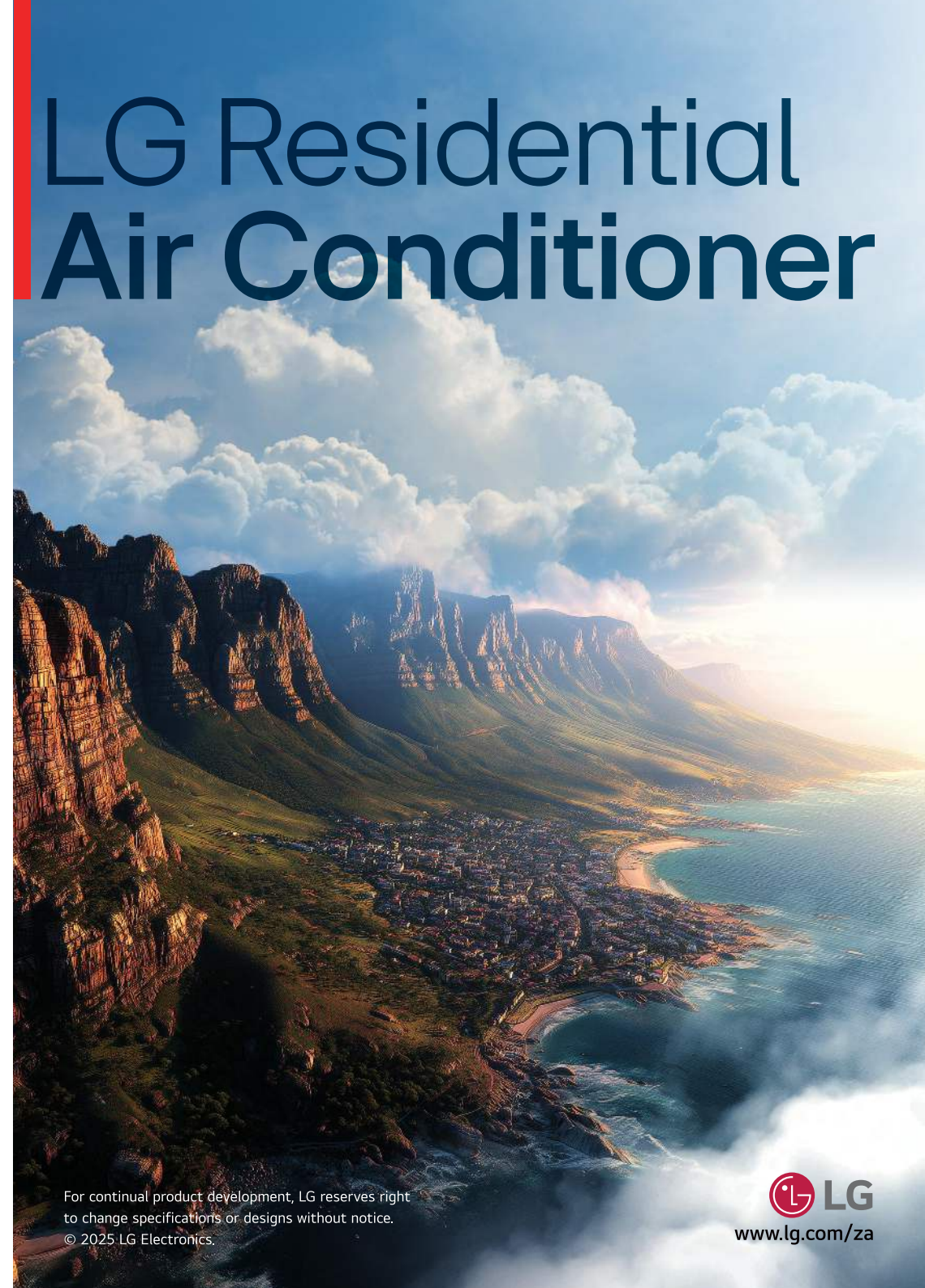
LG DUALCOOL™ Pro



Specification		Unit	M11AJH	M13AJH	M19AKH	M24AKH	H09SMH	H12SMH	H18SMH	H24SMH
Capacity	Cooling	Min / Rated / Max	kW 0.88 / 2.70 / 3.46	0.88 / 3.52 / 3.87	1.08 / 5.28 / 5.36	1.03 / 6.45 / 7.18	2.55	3.22	4.90	6.00
		Btu/h	3,000 / 9,200 / 11,800	3,000 / 12,000 / 13,200	3,685 / 18,000 / 18,300	3,500 / 22,000 / 24,500	8,701	10,987	16,719	20,473
	Heating	Min / Rated / Max	kW 0.88 / 2.93 / 4.04	0.88 / 3.52 / 4.04	1.08 / 5.42 / 6.10	1.03 / 6.45 / 7.18	2.55	3.30	5.20	6.20
		Btu/h	3,000 / 10,000 / 13,800	3,000 / 12,000 / 13,800	3,685 / 18,500 / 20,800	3,500 / 22,000 / 24,500	8,701	11,260	17,743	21,155
Power Input	Cooling	Min / Rated / Max	W 140 / 729 / 1,400	140 / 1,085 / 1,400	238 / 1,640 / 1,710	240 / 2,010 / 2,420	847	1,070	1,628	1,996
		W	140 / 771 / 1,550	140 / 975 / 1,550	238 / 1,500 / 1,800	240 / 1,890 / 2,500	695	1,000	1,526	1,800
Running Current	Cooling	Min / Rated / Max	A 0.70 / 3.50 / 6.50	0.70 / 5.00 / 6.50	1.10 / 7.40 / 8.10	1.14 / 9.60 / 11.46	3.90	5.10	7.50	8.80
		A	0.70 / 3.60 / 7.50	0.70 / 4.80 / 7.50	1.10 / 6.82 / 8.52	1.14 / 9.10 / 11.84	3.30	4.70	7.20	8.30
EER		W/W	3.7	3.24	3.22	3.21	3.01	3.01	3.01	3.01
COP		W/W	3.8	3.61	3.62	3.41	3.67	3.30	3.41	3.44
Energy Label Grade		Cooling / Heating	-	A++ / A++	A / A++	A / A++	B / A++	B / A	B / A+	B / A+
Available Voltage Range		V	160 - 275	160 - 275	160 - 275	160 - 275	-	-	-	-
Power Supply		Ø, V, Hz	1, 220 - 240, 50	1, 220 - 240, 50	1, 220 - 240, 50	1, 220 - 240, 50	1, 220 - 240, 50	1, 220 - 240, 50	1, 220 - 240, 50	1, 220 - 240, 50
Indoor	Dimensions	Net	mm 837 × 308 × 189	837 × 308 × 189	998 × 345 × 210	998 × 345 × 210	822 × 258 × 203	822 × 258 × 203	890 × 300 × 220	998 × 325 × 227
	Weight	Net	kg 8.6	8.6	11.3	12.8	8.0	8.0	10.5	13.0
Outdoor	Dimensions	Net	mm 715 × 495 × 230	717 × 495 × 230	770 × 545 × 288	870 × 655 × 320	660 × 482 × 240	715 × 482 × 240	810 × 585 × 280	860 × 650 × 310
	Weight	Net	kg 26	26.4	34.2	42.7	25.0	26.0	41.0	42.5
Circuit Breaker		A	15	15	20	20	20	25	40	45
	Piping	Size	Liquid	mm ø 6.35	ø 6.35	ø 6.35	ø 6.35	ø 6.35	ø 6.35	ø 9.52
		Gas	mm ø 9.52	ø 9.52	ø 12.7	ø 15.88	ø 9.52	ø 12.7	ø 15.88	
Refrigerant		Type	-	R410A	R410A	R410A	R410A	R410A	R410A	R410A
Compressor		Type	-	Twin Rotary	Twin Rotary	Twin Rotary	Rotary	Rotary	Rotary	Rotary



LG Residential Air Conditioner



PRODUCT FEATURES

	LG ARTCOOL™	LG DUALCOOL™ PLUS	LG DUALCOOL™	LG DUALCOOL™ Pro
More Energy Saving	•	•	•	–
Faster Cooling	•	•	•	–
Quiet Cooling	•	•	•	–
10 Years Warranty on Compressor	•	•	•	–
Smart Display	•	•	•	•
ThinQ™ ThinQ	•	•	–	–
Plasmaster™ Ionizer++	•	–	–	–
Auto Cleaning	•	•	•	•
Active Energy Control	•	•	•	–
Gold Fin™	•	•	•	•
Jetcool	•	•	•	•
Natural Wind	•	•	•	•
4 Way Swing	•	•	2Way	2Way
Pre Filter	•	•	•	•
Quick & Easy Installation	•	•	•	•
Smart Diagnosis	•	•	•	•
Mobile LGMV	•	•	•	–
Auto Restart Operation	•	•	•	•
Volt Care	•	•	•	–

Designed for Load Shedding, Power Issue & Solar Operation

Volt Care (Surge Protector)

Enjoy a durable air-conditioner with an ability to withstand voltage fluctuation. The product operates continuously in a voltage range of 160V to 275V and automatically shuts off when outside this range. Also it is designed to protect its components such as PCB and motor under a momentary high-voltage surge up to 450V.

Active Energy Control

LG's Active Energy Control offers four selectable energy consumption levels, allowing users to adjust energy use and cooling capacity. This is especially useful in solar-powered system, enabling users to optimize energy consumption based on available battery levels.

ThinQ™

ThinQ will allow you to access your Air Conditioner wherever you are. This will allow you to turn on your AC before coming home, and your house will be ready at the perfect temperature by the time you arrive.

Anti-Corrosive Gold Fin & PCB

To ensure long-lasting performance in harsh environment, the Gold Fin™ coating protects the surface of the heat exchanger from unnecessary wear and corrosion. And the outdoor unit's PCB is further protected by an anti-corrosive coating and a hermetically sealed housing designed to prevent the intrusion of moisture and salt.

Energy Monitoring

With the LG ThinQ App, you can monitor your air conditioner's real-time energy usage. It helps you reduce unnecessary consumption, and optimize usage pattern, helping you cut electricity bills while living smarter and more sustainably.

Plasmaster™ Ionizer++

The powerful plasma ionizer protects you from bad odors and harmful and contagious particles in the air with over 8 million ions to sterilize not only the air passing through the air conditioner, but also surrounding surfaces for a safer, and cleaner environment.