

# LG DUALCOOL

DESIGN MADE SUBLIME



## Dual Inverter



**70% Energy Saving**

**40% Faster Cooling**

**10 Year Inverter Compressor Warranty**



Dual Inverter Compressor



10 Year Inverter Compressor Warranty



Energy Saving



Active Energy Control



Fast Cooling & Heating



Smart Diagnosis



Comfort Air



Low Noise



Quick & Easy Installation



Automatic Voltage Switcher



Gold Fin™



# LG

Life's Good



DESCRIPTION				M11AJH			M13AJH			M19AKH			M24AKH			
Capacity	Cooling	Min - Rated - Max	kW	0,88	2,70	3,46	0,88	3,52	3,87	1,08	5,28	5,36	1,26	6,45	7,18	
			Btu/h	3,000	9,212	11,800	3,000	12,000	13,200	3,685	18,000	18,300	3,500	22,000	24,500	
	Heating	Min - Rated - Max	kW	0,88	2,93	4,04	0,88	3,52	4,04	1,08	5,42	6,10	1,26	6,45	7,32	
			Btu/h	3,000	9,997	13,800	3,000	12,000	13,800	3,685	18,500	20,800	3,500	22,000	24,500	
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	
	Heating	Min - Rated - Max	W	140	771	1,550	140	975	1,550	238	1,500	1,800	240	1,890	2,500	
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	
	Heating	Min - Rated - Max	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	
EER			W/W	3,70			3,24			3,22			3,21			
			(Btu/h)/W	12,64			11,06			10,98			10,95			
COP			W/W	3,80			3,61			3,61			3,41			
			(Btu/h)/W	12,97			12,31			12,33			11,64			
Power Supply			Ø, V, Hz	1, 220V ~ 240V, 50			1, 220V ~ 240V, 50			1, 220V ~ 240V, 50			1, 220V ~ 240V, 50			
Available Voltage Range			V	187 ~ 276			187 ~ 276			187 ~ 276			187 ~ 276			
Indoor	Air Flow Rate	Cooling, Max / H / M / L	m³/min	12.5 / 9.3 / 7.2 / 2.7			12.5 / 9.3 / 7.2 / 2.7			19.3 / 13.5 / 12 / 9			21 / 15 / 12 / 9			
		Heating, Max / H / M / L	m³/min	13 / 10 / 7 / 5.5			13 / 10 / 7 / 5.5			20 / 14 / 13 / 9.5			21 / 16 / 13 / 9.5			
	Sound Pressure Level	Cooling, Max / H / M / L / SL	dB(A)	- / 42 / 36 / 28 / 21			- / 42 / 36 / 28 / 21			55 / 45 / 43 / 38 / 32			56 / 48 / 43 / 38 / 32			
		Heating, Max / H / M / L	dB(A)	- / 42 / 36 / 31			- / 42 / 36 / 31			56 / 45 / 43 / 38			57 / 48 / 43 / 38			
	Dimensions (W × H × D)	Net	mm	837 × 308 × 189			837 × 308 × 189			998 × 345 × 210			998 × 345 × 210			
		Shipping	mm	909 × 383 × 256			909 × 383 × 256			1080 × 422 × 281			1080 × 422 × 281			
	Weight	Net	kg	8,4			8,4			11,3			12,8			
		Shipping	kg	10,6			10,6			14,2			15,1			
Outdoor	Air Flow Rate	Max	m³/min	27,0			27,0			38,0			50,0			
	Sound Pressure Level	Cooling, Rated	dB(A)	51			51			54			56			
		Heating, Rated	dB(A)	53			53			56			58			
	Dimensions (W × H × D)	Net	mm	717 × 483 × 230			717 × 483 × 230			770 × 545 × 288			870 × 655 × 320			
		Shipping	mm	837 × 530.5 × 332			837 × 530.5 × 332			925 × 593 × 393			1017 × 718.6 × 432			
	Weight	Net	kg	26,4			26,4			34,2			42,7			
		Shipping	kg	30,1			30,1			39,3			50,0			
	Max. Fuse Size			A	15			15			20			20		
	Operation Range	Cooling	°C DB	18 ~ 48			18 ~ 48			18 ~ 48			18 ~ 48			
Heating		°C DB	-5 ~ 24			-5 ~ 24			-5 ~ 24			-5 ~ 24				
Heating		°C WB	-5 ~ 18			-5 ~ 18			-5 ~ 18			-5 ~ 18				
Circuit Breaker			A	15			15			20			20			
Piping	Size	Liquid	mm	ø 6.35			ø 6.35			ø 6.35			ø 6.35			
		Gas	mm	ø 9.52			ø 9.52			ø 12.7			ø 15.88			
	Connections Method	Indoor / Outdoor	-	Flared / Flared			Flared / Flared			Flared / Flared			Flared / Flared			
Drain Hose Size		O.D, I.D	mm	21,5 / 16,0			21,5 / 16,0			21,5 / 16,0			21,5 / 16,0			
Between Indoor & Outdoor	Piping Length	Min / Standard / Max	m	3,6 / 7,5 / 15			3,6 / 7,5 / 15			3,6 / 7,5 / 20			3,6 / 5 / 20			
		No Charge	m	7,5			7,5			7,5			5,0			
	Max. Elevation Difference		m	7			7			10			10			
	Piping Connection Heat Insulation		-	Both liquid and gas pipes			Both liquid and gas pipes			Both liquid and gas pipes			Both liquid and gas pipes			
Refrigerant		Type	-	R410A			R410A			R410A			R410A			
Compressor	Type		-	Twin Rotary			Twin Rotary			Twin Rotary			Twin Rotary			
	Motor Type		-	BLDC			BLDC			BLDC			BLDC			
Fan (Indoor)	Type		-	Cross Flow Fan			Cross Flow Fan			Cross Flow Fan			Cross Flow Fan			
	Motor Output		W	30			30			30			58			
Fan (Outdoor)	Type		-	Propeller Fan			Propeller Fan			Propeller Fan			Propeller Fan			
	Motor Type		-	AC			AC			BLDC			BLDC			
	Motor Output		W	25			25			43			85,5			