



Key Features:

- Auto Power Recovery
- Soft Air
- Dual Vane
- Low Noise Tech
- Comfort Sensing Control
- Wi-Fi Manager
- Whisper Quiet Technology
- Action Energy Control
- Fast Cooling
- Fast Heating
- Fresh Cleaning
- Nanoe™ X
- Allym Filter
- Auto Cleaning
- Low Refrigerant Detection
- Mobile LG APP
- Embedded Wi-Fi
- Voice Control
- GoldFin™
- Multi-Compass

EUROVENT PERFORMANCE

LG participates in the ECP programme for EUROVENT AC program. Check ongoing validity of certification: www.eurovent-certification.com

Single Combination

UNIT		9K	12K	18K	24K		
INDOOR	Capacity	9K	12K	18K	24K		
	Heating	0.89 / 2.20 / 3.20	0.89 / 2.30 / 4.20	0.90 / 5.00 / 5.50	0.90 / 4.60 / 7.42		
	Heating -7°C	0.65 / 3.20 / 4.90	0.65 / 4.00 / 5.40	0.90 / 5.80 / 6.40	0.90 / 7.50 / 8.64		
	Rated	3.30	3.60	4.20	6.00		
	Power Input	555 / 700	890 / 920	1,545 / 1,560	2,164 / 2,238		
	W/W	4.50	3.63	3.24	3.05		
	S.E.E.R.	8.70	8.50	7.00	6.90		
	P design C	250	350	500	6.60		
	W/W	4.57	4.35	3.72	3.35		
	CO2 P	4.60 / 5.70	4.60 / 5.70	4.30 / 5.60	4.30 / 5.30		
	P design H (Average / Warmer)	2.80	2.80	3.90	5.00		
	Energy Label	A+++	A+++	A++	A++		
(A+++ to D Scale)	A++ / A+++	A++ / A+++	A+ / A+++	A+ / A+++			
Annual Energy Consumption	kWh	103	144	250	335		
(Average / Warmer)	kWh	852 / 368	852 / 368	1,270 / 525	1,628 / 675		
Consumption	S / L / M / H	19 / 27 / 37 / 40	19 / 27 / 37 / 40	29 / 34 / 42 / 47	34 / 39 / 44		
Sound Pressure*	Heating	L / M / H	27 / 35 / 40	27 / 35 / 40	34 / 42 / 47		
Sound Power	Heating	dB(A)	60	60	65	65	
Air Flow Rate	Cooling	S / L / M / H / Max. (Power)	2.0 / 5.7 / 8.1 / 10.5	2.0 / 5.7 / 8.1 / 10.5	1.8 / 5.9 / 11.7	1.8 / 5.9 / 11.7	
Dehumidification Rate	Heating	L / M / H	1.5	1.3	1.8	2.5	
Running Current	Cooling	Min. / Rated / Max.	15 / 26 / 55	15 / 43 / 61	16 / 69 / 90	16 / 98 / 140	
Starting Current	Heating	Min. / Rated / Max.	15 / 32 / 63	15 / 42 / 70	16 / 70 / 95	16 / 100 / 140	
Power Supply	Rated	A	2.8 / 3.2	4.70 / 4.25	6.9 / 7.0	9.8 / 10.0	
Circuit Breaker	Power Supply	Ø / V / Hz	1 / 220-240 / 50	1 / 220-240 / 50	1 / 220-240 / 50	1 / 220-240 / 50	
Power & Transmission Cable	N x mm²	3 x 1.0	3 x 1.0	3 x 1.0	3 x 2.5		
Dimension	mm	895 x 307 x 235	895 x 307 x 235	895 x 307 x 235	895 x 307 x 235		
Net Weight	kg	11.0	11.0	12.5	12.5		
Fan Motor Output	W	30	30	30	30		
OUTDOOR	Operation Range	Cooling	Min. / Max.	-15 / 48	-15 / 48	-15 / 48	
	Heating	Min. / Max.	-10 / 24	-10 / 24	-10 / 24	-10 / 24	
	Sound Pressure*	Cooling / Heating	High	49 / 51	49 / 51	53 / 55	54 / 57
	Sound Power	Cooling	High	65	65	65	70
	Air Flow Rate	High	m³/min	27	27	35	49
	Piping	Liquid (ODU / IDU)	Min. / Max.	3 / 20	3 / 20	3 / 20	3 / 20
	Piping Connection	Elevation (ODU / IDU)	Min. / Max.	7	7	10	15
	Drain Hose Size	Liquid OD (Outside)	mm (inch)	6.35 (1/4)	6.35 (1/4)	6.35 (1/4)	6.35 (1/4)
	Refrigerant	Gas OD (Outside)	mm (inch)	9.52 (3/8)	9.52 (3/8)	12.7 (1/2)	15.88 (5/8)
	Additional Charge	OD (Outside)	mm (inch)	215 (27/32)	215 (27/32)	215 (27/32)	215 (27/32)
	Fan Motor Output	Type	R32	R32	R32	R32	
	Compressor Type	Charge at 7.5m	kg	0.800	0.800	1.050	1.150
Net Weight	Additional Charge	g/m	0.540	0.540	0.710	0.780	
Dimension	GWP	g/m	20	20	20	20	
Accessories & Others	W	675	675	675	675		
Multi-Compass	Y	Y	Y	Y			
PI 485	N	N	N	Y			
Dry Contact	Y	Y	Y	Y			
Wired Remote Controller	Y	Y	Y	Y			

Preliminary Data Only

* Sound Pressure is not a value declared on Eurovent Program.
 † This product contains Fluorinated greenhouse gases (R32).
 ‡ S : Sleep / L : Low / M : Medium / H : High
 § GWP : Global warming potential
 ¶ t-CO₂eq : F-gas/OD-GWP/1000
 ** For our policy of continuous product improvement, specification, design and feature are subject to change without prior notice.
 †† Y : Available or Applied / - : Not Available or Not Applied



Key Features:

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- Low Noise Tech
- Action Energy Control
- Fast Cooling
- Fast Heating
- Whisper™ X
- Allym Filter
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- Low Refrigerant Detection
- Mobile LG APP
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UNIT		9K	12K	18K	24K		
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	Heating	0.89 / 2.20 / 3.20	0.89 / 2.30 / 4.20	0.90 / 5.00 / 5.50	0.90 / 4.60 / 7.42		
	Heating -7°C	0.65 / 3.20 / 4.90	0.65 / 4.00 / 5.40	0.90 / 5.80 / 6.40	0.90 / 7.50 / 8.64		
	Rated	3.20	3.50	4.20	6.00		
	Power Input	572 / 717	933 / 976	1,502 / 1,611	2,164 / 2,238		
	W/W	4.27	3.75	3.20	3.05		
	S.E.E.R.	7.90	7.60	7.00	6.90		
	P design C	250	350	500	6.60		
	W/W	4.50	4.30	3.60	3.35		
	CO2 P	4.60 / 5.40	4.60 / 5.40	4.30 / 5.30	4.30 / 5.30		
	P design H (Average / Warmer)	2.80 / 1.50	2.90 / 1.50	3.90 / 2.10	5.00 / 2.70		
	Energy Label	A++	A++	A++	A++		
(A+++ to D Scale)	A++ / A++	A++ / A++	A+ / A++	A+ / A++			
Annual Energy Consumption	kWh	111	161	250	335		
(Average / Warmer)	kWh	852 / 368	883 / 368	1,270 / 555	1,628 / 713		
Consumption	S / L / M / H	19 / 27 / 37 / 42	19 / 27 / 37 / 42	31 / 34 / 39 / 44	31 / 34 / 42 / 47		
Sound Pressure*	Heating	L / M / H	27 / 37 / 42	27 / 37 / 42	34 / 42 / 47		
Sound Power	Heating	dB(A)	60	60	65	65	
Air Flow Rate	Cooling	S / L / M / H / Max. (Power)	3.5 / 9.5 / 9.0 / 11.0	3.5 / 9.5 / 9.0 / 11.0	3.0 / 10.5 / 13.0 / 14.0	3.0 / 10.5 / 13.0 / 14.0	
Dehumidification Rate	Heating	L / M / H	1.5	1.3	1.8	2.5	
Running Current	Cooling	Min. / Rated / Max.	10.0 / 25.0 / 60.0	10.0 / 40.0 / 60.0	12.0 / 6.90 / 9.00	12.0 / 9.80 / 14.00	
Starting Current	Heating	Min. / Rated / Max.	10.0 / 32.0 / 70.0	10.0 / 43.0 / 70.0	12.0 / 7.10 / 9.50	12.0 / 10.00 / 14.00	
Power Supply	Cooling / Heating	Rated	A	2.50 / 3.20	4.00 / 4.20	6.80 / 7.10	9.80 / 10.00
Circuit Breaker	Power Supply	Ø / V / Hz	1 / 220-240 / 50	1 / 220-240 / 50	1 / 220-240 / 50	1 / 220-240 / 50	
Power & Transmission Cable	N x mm²	3 x 1.0	3 x 1.0	3 x 1.0	3 x 2.5		
Dimension	mm	837 x 308 x 189	837 x 308 x 189	998 x 345 x 210	998 x 345 x 210		
Net Weight	kg	9.1	9.1	11.9	12.7		
Fan Motor Output	W	30	30	30	30		
OUTDOOR	Operation Range	Cooling	Min. / Max.	-15 / 48	-15 / 48		
	Heating	Min. / Max.	-15 / 24	-15 / 24	-15 / 24		
	Sound Pressure*	Cooling / Heating	High	49 / 51	49 / 51	53 / 55	
	Sound Power	Cooling	High	65	65	65	
	Air Flow Rate	High	m³/min	35	35	49	
	Piping	Liquid (ODU / IDU)	Min. / Max.	3 / 20	3 / 20	3 / 20	
	Piping Connection	Elevation (ODU / IDU)	Min. / Max.	10	10	10	
	Drain Hose Size	Liquid OD (Outside)	mm (inch)	6.35 (1/4)	6.35 (1/4)	6.35 (1/4)	
	Refrigerant	Gas OD (Outside)	mm (inch)	9.52 (3/8)	9.52 (3/8)	12.7 (1/2)	
	Additional Charge	OD (Outside)	mm (inch)	215 (27/32)	215 (27/32)	215 (27/32)	
	Fan Motor Output	Type	R32	R32	R32	R32	
	Compressor Type	Charge at 7.5m	kg	0.800	0.800	1.000	
Net Weight	Additional Charge	g/m	0.540	0.540	0.675		
Dimension	GWP	g/m	20	20	20		
Accessories & Others	W	675	675	675	675		
Multi-Compass	Y	Y	Y	Y			
PI 485	Y	Y	Y	Y			
Dry Contact	Y	Y	Y	Y			
Wired Remote Controller	Y	Y	Y	Y			

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