

Standard Smart Inverter

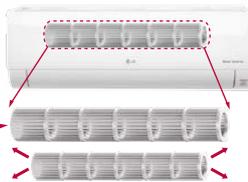
Powerful Cooling Airflow

LG's unique technology with larger skew fan and outdoor unit's big wings creates high efficiency cooling and heating and 9m long power airflow.

1 Larger Skew Fan

A 25% larger skew fan expels more powerful blasts of air.

25% Larger
(Fan Size)



2 Powerful Long Airflow

A larger cooling outlet expels air farther and cools spaces faster.

9m Long Power



Smart Diagnosis

Smart Diagnosis allows users to conveniently check setup, installation, troubleshooting and other information directly from a smartphone

By using "LG Smart ThinQ" App and clicking "Start Smart Diagnosis", monitor and check diagnosis results conveniently via Wi-Fi.



Comfort Air

The comfort vane option conveniently sets the louvers to a preset position that deflects the supply air away from blowing directly onto room occupants.

1 Convenient Control

Enjoy utmost comfort in just one click.



Click the button once : the vane goes to the highest position for indirect airflow. (Optimized airflow for cooling)



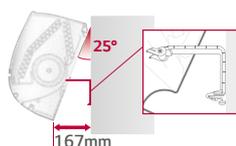
Click the button twice : the vane goes to the lowest position for indirect airflow. (Optimized airflow for heating)



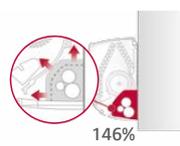
Quick and Easy Installation

LG air conditioner is designed for easier and more efficient installation, making possible to install several units in a short period of time.

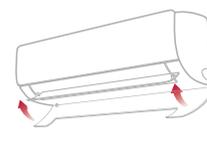
1 Installation Support Clip



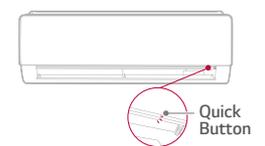
2 Wider Tubing Space



3 Detachable Bottom Cover



4 Quick button for running test



Standard Smart Inverter

9K
P09EN
12K
P12EN

18K
P18EN
24K
P24EN



- 
Smart Diagnosis
- 
Active Energy Control
- 
Energy Display
- 
Dual Protection Filter
- 
Auto Cleaning
- 
Jet Cool
- 
2 Way Swing
- 
Fast Heating
- 
Gold Fin™
- 
Comfort Air
- 
Low Noise 19dB (9k,12k)
- 
Silence Mode
- 
Quick & Easy Installation

Unit				9K	12K	18K	24K
Indoor Unit				P09EN.NSJ	P12EN.NSJ	P18EN.NSK	P24EN.NSK
Capacity	Cooling	Min/Rated/Max	W	890/2500/3700	890/3500/4040	900/5000/5525	900/6600/7420
	Heating +7°C	Min/Rated/Max	W	890/3200/4100	890/3800/5100	900/5800/6438	900/7500/8640
	Heating -7°C	Rated	W	3000	3600	3800	4850
Power Input	Cooling	Rated	W	670	1080	1587	2275
	Heating +7°C	Rated	W	840	1000	1611	2308
EER			W/W	3.73	3.24	3.15	2.90
S.E.E.R.				6.5	6.4	6.5	6.2
P design C			kW	2.5	3.5	5.0	6.6
COP			W/W	3.81	3.80	3.60	3.25
S.C.O.P.				4.0	4.0	4.0	3.9
P design H			kW	2.4	2.5	3.9	5.0
Energy Label	Cooling			A++	A++	A++	A++
	Heating			A+	A+	A+	A
Annual Energy Consumption	Cooling		kWh	134	191	269	372
	Heating		kWh	840	875	1365	1794
Sound Pressure	Cooling	S/L/M/H	dB(A)	19/27/35/41	19/27/35/41	31/34/39/44	31/34/42/47
	Heating	L/M/H	dB(A)	27/35/41	27/35/41	34/39/44	34/42/47
Sound Power	Cooling	High	dB(A)	59	59	60	65
	Heating	L/M/H	m³/min	3.0/4.2/7.5/10.0	3.0/4.2/7.5/10.0	8.0/10.5/13.0/14.5	8.0/10.5/13.1/16.1
Air Flow Rate	Max (Power)		m³/min	11.5	12.5	15.5	20.0
	Heating	L/M/H	m³/min	5.6/7.2/10.0	5.6/7.2/10.0	11.0/13.5/16.0	11.0/15.0/18.5
Dehumidification Rate			l/h	1.1	1.3	1.8	2.5
Running Current	Cooling	Rated/Max	A	3.0/6.0	4.7/6.0	6.9/9.0	10.1/14.0
	Heating	Rated/Max	A	3.7/7.0	4.5/7.0	7.1/9.5	10.4/14.0
Starting Current	Cooling	Rated	A	3.0	4.7	6.9	10.1
	Heating	Rated	A	3.7	4.5	7.1	10.4
Power Supply			Ø / V / Hz	1 / 220-240 / 50	1 / 220-240 / 50	1 / 220-240 / 50	1 / 220-240 / 50
Circuit Breaker			A	15	15	20	25
Power Supply Cable			N x mm²	3*1.0	3*1.0	3 x 1.5	3 x 2.5
Power & Transmission Cable			N x mm²	4*1.0 (Including Earth)	4*1.0 (Including Earth)	4 x 1.0 (Including Earth)	4 x 1.0 (Including Earth)
Dimension			mm	837*308*189	837*308*189	998*345*210	998*345*210
Net Weight			kg	8.5	8.5	11.6	12.5
Fan Motor Output			W	30	30	30	60
Outdoor Unit				P09EN.UA3	P12EN.UA3	P18EN.UJ2	P24EN.UUE
Operation Range	Cooling	Min-Max	°CDB	-10-48	-10-48	-15-48	-15-48
	Heating	Min-Max	°CDB	-10-24	-10-24	-10-24	-10-24
Sound Pressure	Cooling	High	dB(A)+1	49	49	53	56
	Heating	High	dB(A)+1	50	50	55	57
Sound Power	Cooling	High	dB(A)	65	65	65	70
Air Flow Rate		High	m³/min	27	27	35	50
Piping	Length (Odu/ldu)	Min	m	3	3	3	3
		Max	m	15	15	20	30
	Elevation (Odu/ldu)	Max	m	7	7	10	15
Piping Connection	Liquid	OD(Outside)	mm	6.35	6.35	6.35	6.35
			inch	(1/4)	(1/4)	(1/4)	(1/4)
		Gas	OD(Outside)	mm	9.52	9.52	12.7
		inch	(3/8)	(3/8)	(1/2)	(5/8)	
	Drain	OD(Outside)	mm	21.5	21.5	21.5	21.5
			inch	0.85	0.85	0.85	0.85
Refrigerant	Type			R410A	R410A	R410A	R410A
	Charge at 7.5m		g	950	950	1200	1350
			t-CO2 eq	1.98	1.98	2.51	2.82
	Additional charge		g/m	20	20	20	30
	GWP			2087.5	2087.5	2087.5	2087.5
Fan Motor Output			W	43	43	43	85
Compressor Type				1P Rotary	1P Rotary	Twin Rotary	Twin Rotary
Net Weight			kg	29	29	36.7	46
Dimension			mm	717*483*230	717*483*230	770*545*288	870*655*320

* S : Sleep / L : Low / M : Medium / H : High
 ** Specification, design and feature are subject to change without prior notice.
 *** This product contains Fluorinated greenhouse gases (R410A).