



# Standard Plus

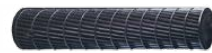
## Smart Inverter

### High Performance Airflow

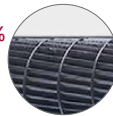
LG's unique high pressure blade fan and outdoor unit's high efficiency big wings, creates high efficiency cooling and heating air solution and 9m long power airflow.

#### 1 High Pressure Blade Fan

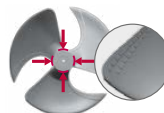
Applying trip wire blade, the irregular surface be able to reducing air resistance.



Indoor Unit Air flow rate improved by **15%** than conventional.



#### 2 High Efficiency Big Wings



Improve power  
Improved power consumption with reducing the flow resistance.

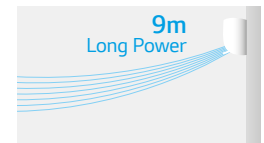
**↑6.4%**  
Airflow rate improved by

**↓30%**  
Fan weight reduced by

**↓24%**  
Fan energy consumption reduced by

#### 3 Powerful Long Airflow

The new larger fan and chassis that allow you to feel the air from up to 9meters away. Now cooling is faster and powerful and you can feel comfortable air sooner.



### Wi-Fi with SmartThinQ

Whenever, wherever and no matter how many air conditioners you have, easily access and control your air conditioners by using the smart internet devices as Android or iOS based mobile phones.

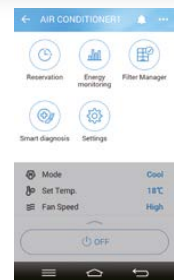
#### 1 Simple Operation for Various Functions

- On/Off, Set Temp
- Mode
- Vane Control
- Reservation / Timer



#### 2 Straight forward Management

- Energy Monitoring
- Smart Diagnosis
- Filter Management



### 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)



### Customized Design for Maximum Comfort

LG air conditioner's slim and simple design guarantees easy installation and convenient cleaning.

#### 1 Larger Magic Display

Neat indoor unit design and comfortable function of checking your energy with hidden display.



**190% Increase**

#### 2 Easy to Open

Removing the dust filter on a conventional air conditioner takes two steps, but a Dual Protection Filter can be removed in one easy step.



#### 3 Easy to Clean

The filter is designed for easy handling and quick cleaning, which lengthens its lifespan.



# New Standard Plus

## Smart Inverter

9K  
PM09SP  
12K  
PM12SP

18K  
PM18SP  
24K  
PM24SP



Unit				9K	12K	18K	24K
<b>Indoor Unit</b>				PM09SP.NSJ	PM12SP.NSJ	PM18SP.NSK	PM24SP.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
			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
Air Flow Rate	Cooling	S/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
		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	8.7	8.7	12	12.8
Fan Motor Output			W	30	30	30	60
<b>Outdoor Unit</b>				PM09SP.UA3	PM12SP.UA3	PM18SP.UL2	PM24SP.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/Idu)	Min	m	3	3	3	3
		Max	m	15	15	20	30
	Elevation (Odu/Idu)	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
	Drain	OD(Outside)	inch	(3/8)	(3/8)	(1/2)	(5/8)
		OD(Outside)	mm	21.5	21.5	21.5	21.5
		OD(Outside)	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	GWP	g/m	20	20	20	30
Fan Motor Output			W	2087.5	2087.5	2087.5	2087.5
Compressor Type				43	43	43	85
Compressor Type				1P Rotary	1P Rotary	Twin Rotary	Twin Rotary
Net Weight			kg	28.4	28.4	36.3	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).