

NEW PRODUCT RELEASE

INTRODUCING THE WH SPLIT SYSTEMS RANGE

Come home to
comfort with LG



KEY FEATURES



Embedded Wi-Fi

Come home to comfort

The LG Smart ThinQ App lets you access and control your air conditioner with your smartphone* even when you're not at home.

*Feature can be accessed using LG Smart ThinQ app on Android or IOS smartphones. Internet connection required.



Smart Diagnosis

Smart Diagnosis provides usage tips and useful information based on your product usage patterns. If you experience a problem while using the product, we will help you to troubleshoot it using the Smart Diagnosis results.



Active Energy Control 4 - Step

Take tighter control of your energy usage

Active energy control allows the user to adjust the energy levels to improve cooling efficiency and reduce power consumption.



Energy Display & Monitoring

View your real time energy usage

A simple push of the remote control button allows you to conveniently view current energy usage on your air conditioner's LCD panel, keeping you informed and helping to reduce energy consumption.



Plasmaster™ Ionizer^{PLUS}

Breathe easier with improved air quality

The Plasmaster Ioniser generates over 3 million plasma ions which filtrate the air in the indoor environment and inside the air conditioning unit itself.



Auto Cleaning

Auto Cleaning provides clean air helping to minimise bacteria, mould and odours that can otherwise accumulate in an indoor unit.





WH SERIES TECHNICAL SPECIFICATIONS

Model				WH09SK-18	WH12SK-18	WH24SL-18	WH30SR-18	WH34SR-18	
Indoor Unit			Unit	WH09SKN-18	WH12SKN-18	WH24SLN-18	WH30SRN-18	WH34SRN-18	
Outdoor Unit				WH09SKNU-18	WH12SKNU-18	WH24SLU-18	WH30SRU-18	WH34SRU-18	
Rated Capacity	Cooling		kW	2.50	3.50	7.10	8.50	9.40	
	Heating		kW	3.20	4.00	8.00	9.00	10.30	
Capacity Range	Cooling	Min ~ Max	kW	0.89 ~ 3.70	0.89 ~ 4.20	1.0 ~ 8.60	2.0 ~ 9.50	2.0 ~ 11.20	
	Heating	Min ~ Max	kW	0.89 ~ 5.0	0.89 ~ 6.0	1.0 ~ 10.60	2.0 ~ 12.0	2.0 ~ 12.8	
Power Input	Cooling	Rated	kW	0.51	0.86	1,890	2,260	2,680	
	Heating	Rated	kW	0.65	0.87	1,990	2,240	2,740	
Running Current	Cooling	Rated	A	2.80	4.00	8.40	10.10	12.00	
	Heating	Rated	A	3.80	4.10	8.90	10.00	12.30	
Full Load Amps			A	6.50	6.50	12.70	16.00	16.00	
EER			W/W	4.88	4.07	3.76	3.76	3.51	
AEER			-	4.76	4.01	3.75	3.76	3.51	
COP			W/W	4.90	4.60	4.02	4.02	3.76	
ACOP			-	4.80	4.53	4.02	4.01	3.76	
Energy Label / Star Ratings		Cooling	-	6.0 STAR	4.0 STAR	3.0 STAR	3.0 STAR	2.5 STAR	
		Heating	-	6.0 STAR	5.0 STAR	3.5 STAR	3.5 STAR	3.0 STAR	
Power Supply			Ø, V, Hz	1Ph, 220-240V, 50Hz	1Ph, 220-240V, 50Hz	1Ph, 220-240V, 50Hz	1Ph, 220-240V, 50Hz	1Ph, 220-240V, 50Hz	
Moisture Removal			l/h	1.09	1.39	1.90	2.60	2.60	
Indoor	Air Flow Rate	Max / H / M / L / SL	L/s	333 / 200 / 166 / 86 / 63	333 / 200 / 166 / 86 / 63	383 / 283 / 233 / 183	516 / 416 / 350 / 283	516 / 416 / 350 / 283	
	Sound Pressure Level	Cooling, Max / H / M / L / SL	dB(A)	- / 42 / 36 / 26 / 22	- / 42 / 36 / 26 / 22	- / 49 / 44 / 40 / 30	- / 51 / 46 / 42 / 33	- / 51 / 46 / 42 / 33	
	Dimensions (W x H x D)	Net	mm	998 x 345 x 210	998 x 345 x 210	1060 x 360 x 265	1200 x 360 x 265	1200 x 360 x 265	
	Weight	Net	kg	12.7	12.7	16.6	18.50	18.50	
Outdoor	Compressor		-	Twin Rotary	Twin Rotary	Twin Rotary	Twin Rotary	Twin Rotary	
	Condenser		Corrosion Protection	-	Gold	Gold	Gold	Gold	Gold
	Sound Pressure Level	Cooling, Rated	dB(A)	49	49	55	55	55	
		Heating, Rated	dB(A)	51	51	56	57	57	
	Sound Power Level			dB(A)	63	63	66	66	66
	Dimensions (W x H x D)		Net	mm	770 x 545 x 288	770 x 545 x 288	870 x 800 x 320	950 x 832 x 330	950 x 832 x 330
	Weight		Net	kg	33.6	33.6	55.0	67.1	67.1
Operation Range	Cooling	°C DB	-10 ~ 48	-10 ~ 48	-10 ~ 48	-10 ~ 48	-10 ~ 48	-10 ~ 48	
	Heating	°C DB	-10 ~ 24	-10 ~ 24	-15 ~ 24	-15 ~ 24	-15 ~ 24		
Field Connections									
Circuit Breaker			A	15	15	25	25	25	
Power Supply Guide			No.	3 Core + Earth	3 Core + Earth	3 Core + Earth	3 Core + Earth	3 Core + Earth	
Power Supply to Unit			-	Outdoor	Outdoor	Outdoor	Outdoor	Outdoor	
Power and Communication Cable			No. x mm ²	4 x 1.0 (Including Earth)	4 x 1.0 (Including Earth)	4 x 1.0 (Including Earth)	4 x 1.0 (Including Earth)	4 x 1.0 (Including Earth)	
Field Piping									
Piping	Size	Liquid	mm(inch)	Ø 6.35 (1/4)	Ø 6.35 (1/4)	Ø 9.52 (3/8)	Ø 9.52 (3/8)	Ø 9.52 (3/8)	
		Gas	mm(inch)	Ø 9.52 (3/8)	Ø 9.52 (3/8)	Ø 15.88 (5/8)	Ø 15.88 (5/8)	Ø 15.88 (5/8)	
	Connections Method	Indoor / Outdoor	-	Flared / Flared	Flared / Flared	Flared / Flared	Flared / Flared	Flared / Flared	
Drain Hose Size			O.D, I.D	mm	21.5, 16.0	21.5, 16.0	20, 15	20, 15	20, 15
Between Indoor & Outdoor	Piping Length	Min ~ Max	m	3 ~ 20	3 ~ 20	3 ~ 30	3 ~ 30	3 ~ 30	
		Pre-Charge Length	m	12.5	12.5	7.5	7.5	7.5	
	Max. Elevation Difference			m	10	10	20	20	20
	Piping Connection Heat Insulation			-	Both liquid and gas pipes	Both liquid and gas pipes	Both liquid and gas pipes	Both liquid and gas pipes	Both liquid and gas pipes
Refrigerant Charge		Type	-	R32	R32	R32	R32	R32	
		Pre Charge	g	900	900	1750	2000	2000	
		Additional Charge	g/m	20	20	20	20	20	
		Control	-	Electronic Expansion Valve	Electronic Expansion Valve	Electronic Expansion Valve	Electronic Expansion Valve	Electronic Expansion Valve	