

# SPLIT SYSTEM AIR CONDITIONERS

Come home to comfort with LG



# **Come Home To Comfort** with LG air conditioners

\_

### Why LG Air Conditioning

Designed for the way you live, our air conditioners are available in a wide range of styles - so you can create a space that's cool, comfortable and stylish.

LG is committed to providing quality products to enrich the everyday lives of Australians. We believe in our products and provide a **10 year compressor parts warranty**, so comfort will be with you for years to come.

With LG Split System air conditioning products, you'll also enjoy benefits such as:

- $\hbox{\bf \cdot Embedded Wi-Fi} \hbox{\bf \cdot so that you can control your unit with your Smartphone, even when you're not at home*. } \\$
- $\bullet$   $\mbox{\bf Active Energy Control}$  to help track your energy consumption.
- Low Noise LG Air Conditioners operate at low sound levels.

For ease of installation, energy efficiency and quiet performance, LG air conditioning systems are the smart choice.

### Home Connectivity

LG is making your life simpler and more convenient with connected appliances so you can now control your air conditioner with the sound of your voice.

Google Assistant\* is now compatible with LG Split System Air Conditioners.

This means, you can now delegate tasks or ask your LG Air Conditioner questions via the Google Assistant app or a compatible speaker.

The list of supported Google Assistant commands includes:

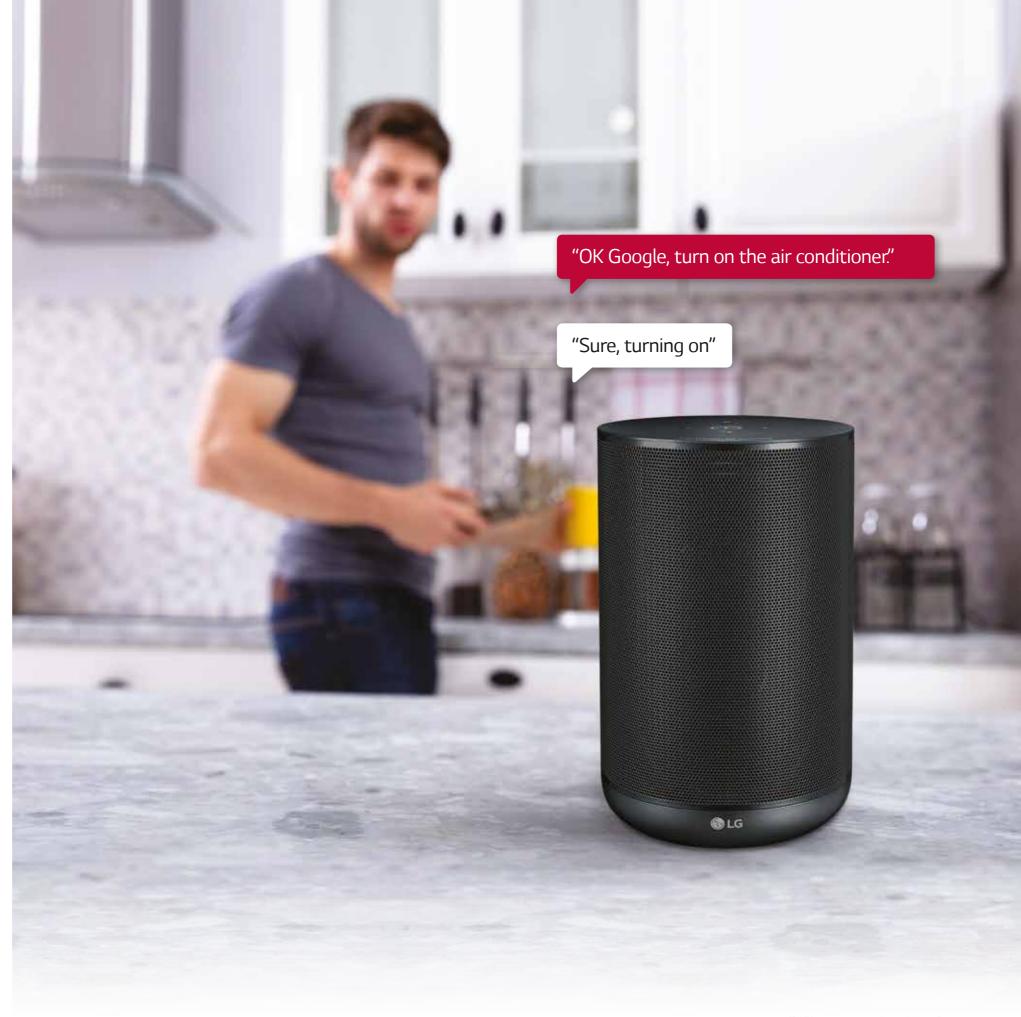
- OK Google, turn on the air conditioner
- OK Google, what's the temperature of the air conditioner
- OK Google, set the temperature to 22 degrees

This not only demonstrates LG's commitment to innovative technology in our products, but continuously finding ways of helping busy Australian's in their day to day life.



\* Product Registration using both LG Smart ThinQ app & Google app is required. Internet, Wi-Fi connection and Google account required. Data usage may apply. Controlling devices and features requires compatible smart devices. Features and services may be changed without notice. Google is a trademark of Google LLC.







### MODEL LINE-UP

# **SMART SERIES**

# **HIGH EFFICIENCY SERIES**

# **WS Series**

Built-In Wi-Fi





# **WH Series** Built-In Wi-Fi





### WS09TWS

Indoor: WS09TWN Outdoor: WS09TWU

Cooling: ★★★★ Heating: ★ ★ ★ ★

### WS12TWS

Indoor: WS12TWN Outdoor: WS12TWU

Cooling: \*\* Heating: ★ ★ ★ ✔

### WS18TWS

Indoor: WS18TWN Outdoor: WS18TWU

Cooling: 🛊 🛊 Heating: 🛊 🛊 🗲

### WS24TWS

Indoor: WS24TWN Outdoor: WS24TWU

Cooling: 🛊 🛊 Heating: 🛊 🛊



### WH09SK-18

Indoor: WH09SKN-18 Outdoor: WH09SKNU-18

Cooling: ★★★★★ Heating: ★ ★ ★ ★ ★

### WH12SK-18

Indoor: WH12SKN-18 Outdoor: WH12SKNU-18

Cooling: ★★★★ Heating: ★ ★ ★ ★

### WH18SL-19

Indoor: WH18SLN-19 Outdoor: WH18SLU-19

Cooling: ★★★ → Heating: ★ ★ ★

### WH24SL-18

Indoor: WH24SLN-18 Outdoor: WH24SLU-18

Cooling: \*\* Heating: ★ ★ ★ ✔

### WH30SR-18

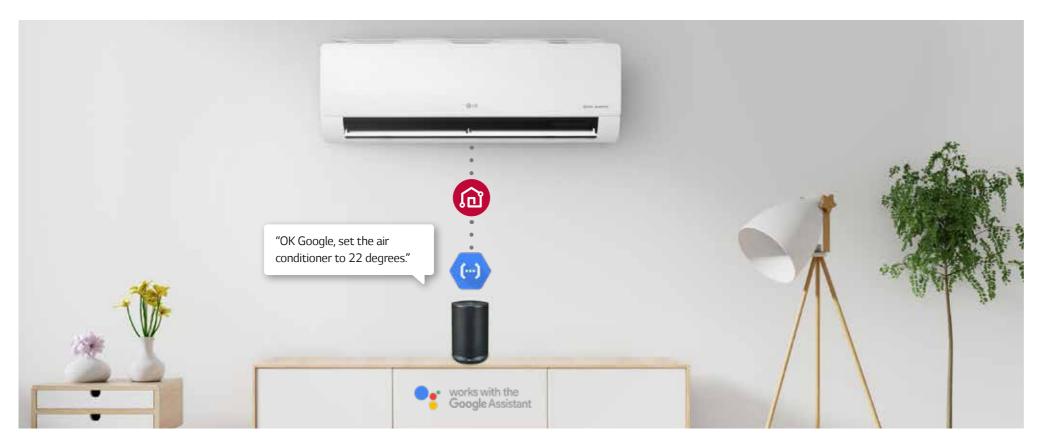
Indoor: WH30SRN-18 Outdoor: WH30SRU-18

Cooling: \*\* Heating: ★ ★ ★ →

### WH34SR-18

Indoor: WH34SRN-18 Outdoor: WH34SRU-18

Cooling: ★★ → Heating: 🛧 🛧 🛊



# **Control Your** Air Conditioner with Your Voice.

Making it easy to control your air conditioner with your voice. Voice Control through a compatible speaker available in all LG Split Systems with built-in Wi-Fi.

Product Registration using both LG Smart ThinQ app & Google app is required. Internet, Wi-Fi connection and Google account required. Data usage may apply. Controlling devices and features requires compatible smart devices. Features and services may be changed without notice. Google is a trademark of Google LLC.

### **KEY FEATURES**

# **SMART**

# **Embedded Wi-Fi**

## Built-in Wi-Fi Smart Control

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



\* Product Registration using both LG Smart ThinQ app & Google app is required. Internet, Wi-Fi connection and Google account required. Data usage may apply. Controlling devices and features requires compatible smart devices. Features and services may be changed without notice. Google is a trademark of Google LLC.







# **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.









# **CORE TECHNOLOGY**

# **Smart Inverter Compressor**

# Temperature control

The Compressor speed of the LG Smart Inverter Compressor™ is constantly adjusted and varied to maintain the desired temperature with less fluctuation than a non-inverter compressor.

### Non-Inverter Compressor

### Smart Inverter



### **KEY FEATURES**

# **ENERGY EFFICIENCY**

# **ENERGY EFFICIENCY**



# **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 panel.





### **Benefit**

### Normal Mode

Current Temperature Setting





**Electric Power**Displays Current Energy Use





### **Energy Monitoring**

You can also view your weekly or monthly energy usage on the Smart ThinQ app.



# **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 help reduce power consumption.

### **How It Works**

### Normal. 100% energy usage

Many people and high-activity level



Step 2. 60% energy usage

Fewer people and low-activity levels.



### Step 1. 80% energy usage

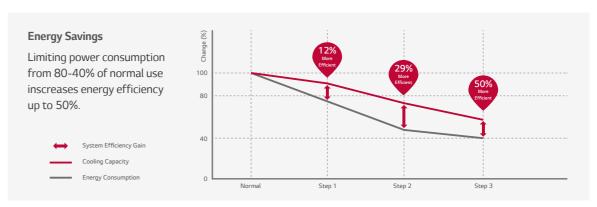
Few people and moderate-activity levels.



Step 3. 40% energy usage

Fewest people with no activity.





<sup>\*</sup> Test Conditions: Temperature: (Indoor Temperature: 27°C DB / 19°C WB, Outdoor Temperature: 35°C), Air Conditioner model WH24.

LG Split System Air Conditioners

# **CLEAN, FILTERED AIR**

# \*Plasmaster\* Ionizer\*\*LUS

# Plasmaster Ioniser Plus & Auto Cleaning

The Plasmaster Ioniser generates over 3 million plasma ions which filtrate the air in the indoor environment and inside the air conditioning unit itself. The Auto Cleaning function helps to minimise the formation of mould and bacteria on the heat exchanger.

### Filtration and Deodorisation



\* Applicable to WH Series only.



# **Auto Cleaning**

Auto Cleaning dries the coil helping to minimise bacteria, mould and odours that can otherwise accumulate in an indoor unit.







Minimised



### **KEY FEATURES**

# **DURABILITY**



# **10-Year Compressor Parts Warranty**

# Smart Inverter Compressor™

The LG Smart Inverter Compressor™ is designed to cope with high temperatures, so great for those hot Australian conditions. With the 10 year compressor parts warranty\*, you have the peace of mind that you can come home to comfort for years to come.



<sup>\* 5</sup> years parts and labour + 5 years limited parts warranty on the compressor.



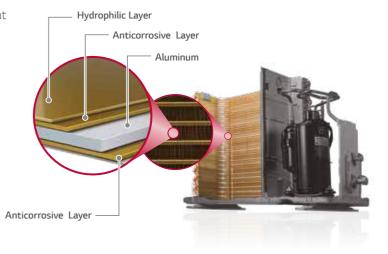
# Gold Fin™

The Gold Fin<sup>™</sup> coating helps protect the surface of the heat exchanger from corrosion.

### **How It Works**

### Crosscut View of Heat Exchanger

The gold-coloured special coating on the fin of the heat exchanger helps prevent corrosion.



### **KEY FEATURES**

# **QUIET & COMFORTABLE**

# Low Noise

# Sleep easy

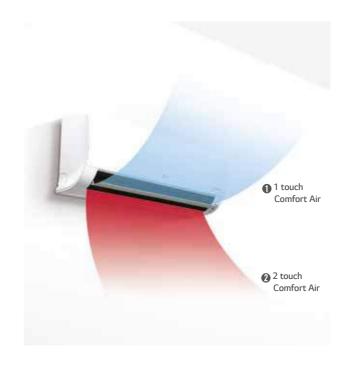
LG air conditioners operate at low sound levels, thanks to the skew fan and Smart Inverter Compressor™ which reduces unnecessary noise.



# Comfort Air

This option conveniently sets an ACs louvers to a preset position so that outflowing air is directed away from a room's occupants.

**QUIET & COMFORTABLE** 



Scene 1: Inclines to a maximum 70° angle.
Sets vane angle to highest position:
Optimised for gentle airflow cooling.



Remote Controller Display



Scene 2: Declines to a maximum 0° angle. Sets vane angle to lowest position: Optimised for gentle airflow heating.

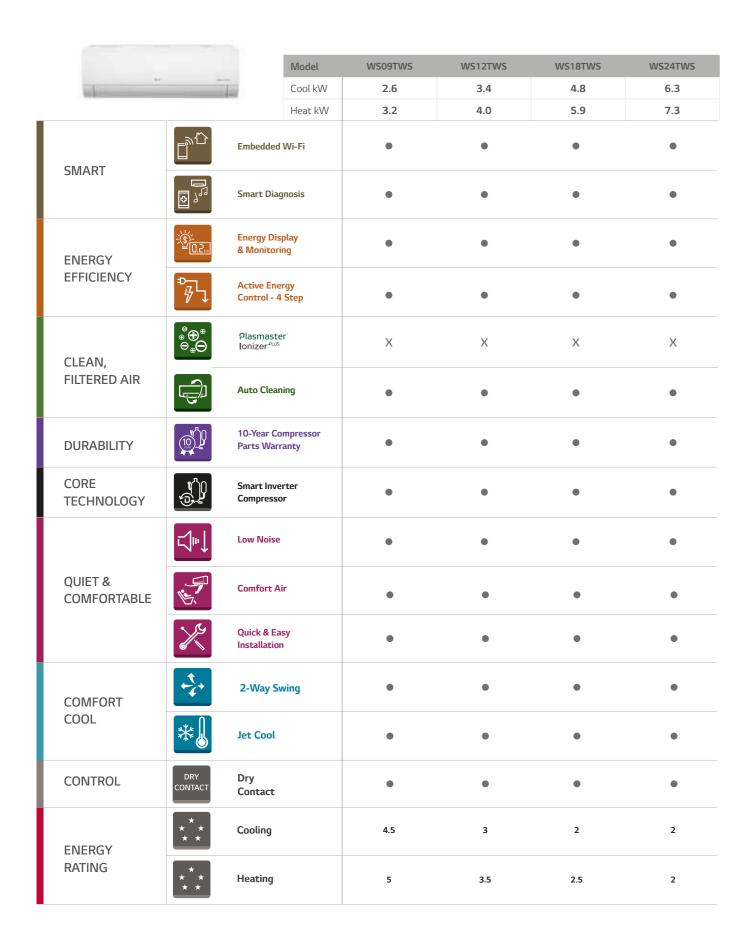


### Remote Controller Display



# **SMART SERIES**

# **HIGH EFFICIENCY SERIES**



			Model	WH09SK-18	WH12SK-18	WH18SL-19	WH24SL-18	WH30SR-18	WH34SR-18
		JE	Cool kW	2.5	3.5	5.0	7.1	8.5	9.4
			Heat kW	3.2	4.0	6.0	8.0	9.0	10.3
SMART		Embedded	Wi-Fi	•	•	•	•	•	•
		Smart Diag	nosis	•	•	•	•	•	•
ENERGY	-\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\	Energy Disp & Monitoria		•	•	•	•	•	•
EFFICIENCY		Active Ener Control - 4		•	•	•	•	•	•
CLEAN,	$\begin{bmatrix} {\overset{\circ}{\bullet}} \bigoplus^{\oplus} \\ {\overset{\ominus}{\ominus}} \bigoplus^{\ominus} \end{bmatrix}$	Plasmaste Ionizer <sup>eus</sup>	r <sup>*</sup>	•	•	•	•	•	•
FILTERED AIR		Auto Cleaning		•	•	•	•	•	•
DURABILITY		10-Year Co Parts Warr		•	•	•	•	•	•
CORE TECHNOLOGY		Smart Inver		•	•	•	•	•	•
		Low Noise		•	•	•	•	•	•
QUIET & COMFORTABLE		Comfort Ai	r	•	•	•	•	•	•
		Quick & Eas		•	•	•	•	•	•
COMFORT	4	4-Way Sv	ving	•	•	•	•	•	•
COOL	*	Jet Cool		•	•	•	•	•	•
CONTROL	DRY CONTACT	Dry Contact		•	•	•	•	•	•
ENERGY	* * * *	Cooling		6	4	3.5	3	3	2.5
RATING	* * *	Heating		6	5	4	3.5	3.5	3

# **CONTROL**

# **SMART SERIES**



# Remote Control



- 1 Comfort Air Mode
- 2 On / Off
- 3 Light Off
- 4 Operation Mode
- 5 Temperature Setting
- 6 Indoor Fan Speed
- **7** Energy Control
- 8 Jet Cool / Jet Heat
- 9 Airflow Control (Up and Down)
- 10 Airflow Control (Left and Right)
- 11 Room Temperature
- 12 Function
- 13 Timer
- 14 Set / Clear



# **Commercial Application**

Optional controllers for commercial applications

Model	(200) (1.0)	20 00 as	- 0 0 1 1 1 1	0
	PREMTB001	PREMTA000	PACEZA000	PACS5A000
	(STANDARD WIRED)	(Premium WIRED)	(AC EZ TOUCH)	(AC SMART 5)
Requirement			PI485 card	PI485 card
WH09	✓	✓	✓	✓
WH12	√	1	1	✓
WH18	√	√	1	✓
WH24	√	1	1	1
WH30	√	1	1	√
WH34	√	✓	1	1

Model		厚	
	PACP4B000	PACM4B000	PMNFP14A1
	Power Module (ACP)	(AC MANAGER 4)	(PI485 32 IDU)
Requirement	PI485 card	PI485 card & ACP	One per outdoor unit
WH09	✓	✓	✓
WH12	✓	✓	✓
WH18	/	✓	/
WH24	✓	/	/
WH30	/	√	✓
WH34	✓	✓	√

# **WS Series**

**SPECIFICATIONS** 

### Built-In Wi-Fi

Indoor Unit : WS09TWN / Outdoor Unit : WS09TWU Indoor Unit : WS12TWN / Outdoor Unit : WS12TWU Indoor Unit : WS18TWN / Outdoor Unit : WS18TWU Indoor Unit : WS24TWN / Outdoor Unit : WS24TWU







Model				WS09TWS	WS12TWS	WS18TWS	WS24TWS
Indoor Unit			Unit	WS09TWN	WS12TWN	WS18TWN	WS24TWN
Outdoor Unit				WS09TWU	WS12TWU	WS18TWU	WS24TWU
Rated	Cooling		kW	2.6	3.4	4.8	6.3
Capacity	Heating		kW	3.2	4.0	5.9	7.3
Capacity	Cooling	Min ~ Max	kW	0.89 ~ 3.7	0.89 ~ 4.04	0.9 ~ 5.5	0.9 ~ 7.42
Range	Heating	Min ~ Max	kW	0.89 ~ 5.0	0.89 ~ 6.0	0.9 ~ 6.4	0.9 ~ 8.64
	Cooling	Rated	kW	0.60	0.89	1.46	1.92
Power Input	Heating	Rated	kW	0.74	0.99	1.67	2.23
Donasias	Cooling	Rated	A	3.0	4.4	6.5	8.5
Running Current	Heating	Rated	A	3.3	4.7	7.4	9.9
EER	ricating	Nacco	W/W	4.33	3.79	3.28	3.28
AEER			-	4.26	3.76	3.27	3.26
COP			W/W	4.31	4.04	3.52	3.26
ACOP		C 1:	-	4.25	4.00	3.5	3.25
Energy Label /	/ Star Ratings	Cooling	-	4.5 STAR	3.0 STAR	2.0 STAR	2.0 STAR
		Heating	-	5.0 STAR	3.5 STAR	2.5 STAR	2.0 STAR
Power Supply			Ø, V, Hz	1Ph, 220~240V, 50Hz	1Ph, 220~240V, 50Hz	1Ph, 220~240V, 50Hz	1Ph, 220~240V, 50Hz
	Air Flow Rate	Cooling, Max / H / M / L	L/s	200 / 183 / 150 / 92	200 / 183 / 150 / 92	258 / 242 / 217 / 175	305 / 268 / 218 / 175
Indoor	Carrad Danasara	Heating, Max / H / M / L	L/s	208 / 183 / 150 / 108	208 / 183 / 150 / 108	308 / 267 / 225 / 183	330 / 293 / 238 / 183
	Sound Pressure Level	Cooling, Max / H / M / L / SL	dB(A)	48 / 42 / 37 / 27 / 19	48 / 42 / 37 / 27 / 19	49 / 44 / 39 / 34 / 31	49 / 47 / 42 / 34 / 31
	Dimensions (W × H × D)	Net	mm	837 x 308 x 189	837 x 308 x 189	998 x 345 x 210	998 x 345 x 210
	Weight Net		kg	9.1	9.1	11.9	12.7
	Compressor		-	Twin Rotary	Twin Rotary	Twin Rotary	Twin Rotary
	Condenser	Corrosion Protection	-	Gold	Gold	Gold	Gold
	Sound Pressure	Cooling, Rated	dB(A)	49	49	53	54
	Level	Heating, Rated	dB(A)	51	51	55	57
Outdoor	Sound Power Level		dB(A)	65	65	65	66
Outdoor	Dimensions* (W × H × D) Net		mm	770 x 545 x 288	770 x 545 x 288	770 x 545 x 288	870 x 650 x 330
	Weight	Net	kg	34.1	34.1	34.4	46.0
		Cooling	°C DB	-15 ~ 48	-15 ~ 48	-15 ~ 48	-15 ~ 48
	Operation Range	Heating	°C DB	-15 ~ 24	-15 ~ 24	-10 ~ 24	-10 ~ 24
			Fiel	d Connections			
Circuit Breake	r		А	15	15	20	20
Power Supply	Guide		No.	3 Core + Earth	3 Core + Earth	3 Core + Earth	3 Core + Earth
Power Supply			-	Outdoor	Outdoor	Outdoor	Outdoor
	mmunication Cable		No. x mm <sup>2</sup>	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	The Constant of the Constant o	The constant of the constant o	(
		Liquid	mm(inch)	Ø 6.35 (1/4)	Ø 6.35 (1/4)	Ø 6.35 (1/4)	Ø 6.35 (1/4)
	Size	Gas	mm(inch)	Ø 9.52 (3/8)	Ø 9.52 (3/8)	Ø 12.7 (1/2)	Ø 15.88 (5/8)
Piping	Connections Method	Indoor / Outdoor	-	Flared / Flared	Flared / Flared	Flared / Flared	Flared / Flared
Drain Hose Siz		O.D, I.D	mm	20/15	20/15	20/15	20/15
Diaminiose SIA		-					
Between	Piping Length	Min ~ Max	m	3 ~ 20	3 ~ 20	3 ~ 20	3 ~ 30
Indoor &	Pre-Charge Length		m	7.5	7.5	7.5	7.5
Outdoor	Max. Elevation Difference		m	10	10	10	15
	Piping Connection F		-	Both liquid and gas pipes	Both liquid and gas pipes	Both liquid and gas pipes	Both liquid and gas pipe
		Туре	-	R32	R32	R32	R32
Refrigerant Cl	harge	Pre Charge	g	800	800	1000	1100
gorane Ci	3-	Additional Charge	g/m	20	20	20	20
		Control	-	Electronic Expansion Valve	Electronic Expansion Valve	Electronic Expansion Valve	Electronic Expansion Valv

<sup>\*</sup> Dimensions do not include service valve part/cover.

## **SPECIFICATIONS**

# **HIGH EFFICIENCY SERIES**

# WH Series

### Built-In Wi-Fi

Indoor Unit : WH09SKN-18 / Outdoor Unit : WH09SKNU-18 Indoor Unit : WH12SKN-18 / Outdoor Unit : WH12SKNU-18 Indoor Unit : WH18SLN-19 / Outdoor Unit : WH18SLU-19







				WH09SK-18	WH12SK-18	WH18SL-19
ndoor Unit			Unit	WH09SKN-18	WH12SKN-18	WH18SLN-19
Outdoor Unit				WH09SKNU-18	WH12SKNU-18	WH18SLU-19
Rated	d Cooling		kW	2.50	3.50	5.00
Capacity	Heating		kW	3.20	4.00	6.00
Capacity	Cooling	Min ~ Max         kW         0.89 ~ 3.70         0.89 ~ 4.20           Min ~ Max         kW         0.89 ~ 5.0         0.89 ~ 6.0           Rated         kW         0.51         0.86		0.89 ~ 4.20	1.0 ~ 6.0	
Range	Heating	Min ~ Max	kW	0.89 ~ 5.0	0.89 ~ 6.0	1.0 ~ 9.0
	Cooling	Rated	kVV	0.51	0.86	1.22
Power Input	Heating	Rated	kW	0.65	0.87	1.38
Running	Cooling	Rated	А	2.80	WH12SKN-18 WH12SKNU-18 3.50 4.00 0.89 ~ 4.20 0.89 ~ 6.0 0.86	5.10
Lurrent	Heating	Rated	А	3.80	4.10	5.90
ull Load Amp			A	6.50	6.50	12.70
ER			W/W	4.88		4.10
EER			-	4.76		4.09
OP			W/W	4.90		4.35
COP			-	4.80		4.34
(COI		Cooling	_	6.0 STAR		3.5 STAR
nergy Label /	/ Star Ratings	Heating	-	6.0 STAR		4.0 STAR
Daving Cupply		rieading				
ower Supply			Ø, V, Hz	1Ph, 220~240V, 50Hz		1Ph, 220~240V, 50Hz
	Air Flow Rate	Max / H / M / L / SL	L/s	333 / 200 / 166 / 86 / 63	333 / 200 / 166 / 86 / 63	383 / 283 / 233 / 183
ndoor	Sound Pressure Level	Cooling, Max / H / M / L / SL	dB(A)	- / 42 / 36 / 26 / 22	- / 42 / 36 / 26 / 22	- / 46 / 41/ 36 / 27
	Dimensions (W × H × D)	Net		998 x 345 x 210	998 x 345 x 210	1060 / 360 / 265
	Weight	Net	kg	12.0	12.0	16.6
	Compressor		-	Twin Rotary	Twin Rotary	Twin Rotary
	Condenser	Corrosion Protection	-	Gold	Gold	Gold
	Sound Pressure	Cooling, Rated	dB(A)	49	49	49
	Level	Heating, Rated	dB(A)	51	51	52
Outdoor	Sound Power Level		dB(A)	63	63	65
outdoo!	Dimensions* (W × H × D)	Net	mm	770 x 545 x 288	770 x 545 x 288	870 x 650 x 330
	Weight	Net	kg	35	35	45.7
		Cooling	°C DB	-10 ~ 48	-10 ~ 48	-10 ~ 48
	Operation Range	Heating	°C DB	-10 ~ 24	-10 ~ 24	-10 ~ 24
				Field Connections		
ircuit Breake	er		А	15	15	20
ower Supply	Guide		No.	3 Core + Earth	3 Core + Earth	3 Core + Earth
ower Supply	to Unit		-	Outdoor	Outdoor	Outdoor
	mmunication Cable		No. x mm <sup>2</sup>	4 x 1.0 (Including Earth)	4 x 1.0 ( Including Earth)	4 x 1.0 ( Including Earth)
		Liquid	mm(inch)	Field Piping	0/6/35/1//\	Ø 6 35 (1/A)
	Size	Liquid	mm(inch)	Ø 6.35 (1/4) Ø 9.52 (3/8)		Ø 6.35 (1/4) Ø 12.7 (1/2)
Piping	Connections Method	Indoor / Outdoor	-	Flared / Flared		Flared / Flared
rain Hose Siz		O.D, I.D	mm	21.5, 16.0	215 160	20.0, 15.0
ralli mose Siz	ze	Min ~ Max	mm			
etween	Piping Length		m	3~20		3 ~ 30
ndoor &		Pre-Charge Length	m	12.5		7.5
utdoor	Max. Elevation Dif		m	10		20
	Piping Connection		-	Both liquid and gas pipes		Both liquid and gas pipes
Туре			-	R32		R32
	Pre Charge				000	
Refrigerant Ch	harge	Pre Charge Additional Charge	g	900		1300

<sup>\*</sup> Dimensions do not include service valve part/cover.

18

# WH Series

**HIGH EFFICIENCY SERIES** 

### Built-In Wi-Fi

Indoor Unit : WH24SLN-18 / Outdoor Unit : WH24SLU-18 Indoor Unit : WH30SRN-18 / Outdoor Unit : WH30SRU-18 Indoor Unit : WH34SRN-18 / Outdoor Unit : WH34SRU-18







Model         WH24SL-18           Indoor Unit         Unit         WH24SLN-18	WH30SR-18	
Indoor Unit Unit WH24SLN-18		WH34SR-18
	WH30SRN-18	WH34SRN-18
Outdoor Unit WH24SLU-18	WH30SRU-18	WH34SRU-18
Rated Cooling kW 7.10	8.50	9.40
Capacity Heating kW 8.00	WH24SLN-18         WH30SRN-18           WH24SLU-18         WH30SRU-18           7.10         8.50           8.00         9.00           1.0 - 8.60         2.0 - 9.50           1.0 - 10.60         2.0 - 12.0           1.89         2.26           1.99         2.24           8.40         10.10           8.90         10.00           12.70         16.00           3.76         3.76           3.75         3.76           4.02         4.02           4.02         4.01           3.0 STAR         3.5 STAR           3.5 STAR         3.5 STAR           1Ph, 220-240V, 50Hz         1Ph, 220-240V, 50Hz           383 / 283 / 233 / 183         516 / 416 / 350 / 283           - / 49 / 44 / 40 / 30         - / 51 / 46 / 42 / 33           1060 x 360 x 265         1200 x 360 x 265           16.6         18.50           Twin Rotary         Twin Rotary           Gold         Gold           55         55           66         66           870 x 800 x 320         950 x 832 x 330           55.0         67.1           -10 ~ 48         -15 ~ 24	
Capacity Cooling Min ~ Max kW 1.0 ~ 8.60	2.0 ~ 9.50	2.0 ~ 11.20
Range Heating Min ~ Max kW 1.0 ~ 10.60	WH24SLV-18   WH24SLV-18   WH305RN-18	2.0 ~ 12.8
	2.26	2.68
Power Input Heating Rated kW 1.99	2.24	2.74
Running Cooling Rated A 8.40	10.10	12.00
Current Heating Rated A 8.90	10.00	12.30
Full Load Amps A 12.70	16.00	16.00
EER W/W 3.76	3.76	3.51
AEER - 3.75	3.76	3.51
COP W/W 4.02	4.02	3.76
ACOP - 4.02	4.01	3.76
Energy Label / Star Ratings - 3.0 STAR	3.0 STAR	2.5 STAR
	3.5 STAR	3.0 STAR
Power Supply Ø, V, Hz 1Ph, 220-240V, 50Hz	1Ph, 220~240V, 50Hz	1Ph, 220~240V, 50Hz
Air Flow Rate Max / H / M / L / SL L/s 383 / 283 / 233 / 183	516 / 416 / 350 / 283	516 / 416 / 350 / 283
Sound Pressure Level Cooling, Max / H / M / L / SL dB(A) -/49 / 44 / 40 / 30	-/51/46/42/33	-/51/46/42/33
Dimensions $(W \times H \times D)$ Net mm $1060 \times 360 \times 265$	1200 x 360 x 265	1200 x 360 x 265
Weight Net kg 16.6	18.50	
Compressor - Twin Rotary	Twin Rotary	Twin Rotary
Condenser Corrosion Protection - Gold	Gold	Gold
Sound Pressure Cooling, Rated dB(A) 55	55	55
Level Heating, Rated dB(A) 56	57	57
Outdoor Sound Power Level dB(A) 66	66	66
Dimensions* (W × H × D)   Net   mm   870 × 800 × 320	950 x 832 x 330	950 x 832 x 330
Weight Net kg 55.0	67.1	67.1
Operation Range Cooling °C DB -10 ~ 48	-10 ~ 48	-10 ~ 48
Heating °C DB -15 ~ 24	-15 ~ 24	-15 ~ 24
Field Connections		
Circuit Breaker A 20	25	25
Power Supply Guide No. 3 Core + Earth	3 Core + Earth	3 Core + Earth
Power Supply to Unit - Outdoor	Outdoor	Outdoor
Power and Communication Cable No. x mm <sup>2</sup> 4 x 1.0 (Including Earth)	4 x 1.0 ( Including Earth)	4 x 1.0 ( Including Earth)
Size		Ø 9.52 (3/8)
Piping Gas mm(inch) 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
Drain Hose Size O.D, I.D mm 20, 15	20, 15	20, 15
Retween Piping Length Min ~ Max m 3 - 30	3 ~ 30	3 ~ 30
Between Indoor & Pre-Charge Length m 7.5	7.5	7.5
Outdoor Max. Elevation Difference m 20	20	20
Piping Connection Heat Insulation - Both liquid and gas pipes	Both liquid and gas pipes	Both liquid and gas pipes
Type - R32	R32	R32
Refrigerant Charge g 1750	2000	2000
Additional Charge g/m 20	20	20
	Electronic Expansion Valve	Electronic Expansion Valve

<sup>\*</sup> Dimensions do not include service valve part/cover.

### DETAILED FEATURE LIST

**HIGH EFFICIENCY SERIES** 

# **SMART SERIES**

Category	Function		WS09TWS	WS12TWS	WS18TWS	WS24TWS
	Air Supply Out	tlet	1	1	1	1
	Airflow Direct	ion Control (Left & Right)	Manual	Manual	Manual	Manual
	Airflow Direct	ion Control (Up & Down)	6 Steps	6 Steps	6 Steps	6 Steps
	Auto Swing (L	eft & Right)	Х	X	X	X
Air Flow	Auto Swing (L	Jp & Down)	•	•	•	•
		eps (Fan / Cool / Heat	6/6/6	6/6/6	6/6/6	6/6/6
	Natural Wind		• / •	• / •	• / •	• / •
		Heat (Power Wind)	•	•	•	•
	Comfort Air	,	•	•	•	•
		shable / Anti-Bacteria)	•	•	•	•
	Deodorising F		X	X	X	X
Air	Micro Dust Fil		X	X	X	X
iltration	Multi Protecti		X	X	X	X
	Plasma Air Filt		X	X	X	X
nstallation	Drain Pump	ter (ionizer)	X	X	X	X
i Jean George	Hot Start		•	•	•	•
	Self Diagnosis		•	•	•	•
Reliability	De-Ice Contro		•	•	•	•
		ification) Operation	•	•	•	•
			•	•	•	•
	Auto Changed		X	X	X	X
		on (Artificial Intelligence)	^ •	•	•	•
	Auto Cleaning					
	Auto Restart	Uperation	•	•	•	•
	Child Lock <sup>1</sup>		•	•	•	•
	Forced Operation		•	•	•	•
	Group Contro		X	X	X	X
	Sleep Mode		7hr	7hr	7hr	7hr
	Timer 24hr (On/Off) / 7hr (Off)		•/X	●/X	●/X	●/X
	Two Thermistor Control <sup>1</sup>		•	•	•	•
Convenience	Low Ambient Operation		•	•	•	•
	Overheating Protection		•	•	•	•
	Low Heating		X	X	X	X
	Voice Control		X	X	X	X
	Smart Scan (P		X	X	X	X
	LG AC Tag On		Х	Х	X	X
	Outdoor Silen		•	•	•	•
	Mosquito Awa		X	X	X	X
	Smart Diagno	sis	•	•	•	•
	Indoor Unit Di	splay Type	Number Display	Number Display	Number Display	Number Display
	Indoor Unit Di	splay Light	On / Off	On / Off	On / Off	On / Off
	Energy Display	/	•	•	•	•
	Energy Saving		X	X	X	X
nergy aving	Energy Contro	ol	Active Energy Control	Active Energy Control	Active Energy Control	Active Energy Control
	Gen Mode		X	X	X	X
	Wired Remote	e Controller (Premium)²	X	X	X	X
	Wired Remote	e Controller (Standard) <sup>2</sup>	X	X	X	X
P 2 I 1	Wired Remote	e Controller (Simple with Mode Selection) <sup>2</sup>	X	X	X	X
ndividual Control	Wired Remote	Controller (Simple without Mode Selection) <sup>2</sup>	X	X	X	Х
	Hand-held	(See Remote Controller Section)	AKB74955603	AKB74955603	AKB74955603	AKB74955603
	Wireless	Setting Temperature Range (Cooling)	18~30 °C (64~86 °F)			
	Controller	Setting Temperature Range (Heating)	16~30 °C (60~86 °F)			
	General Contr	ol Controller (Non LGAP)	Х	X	X	Х
AC	Network Solu	tion (LGAP)	X	X	X	Х
letwork	Dry Contact <sup>2</sup>		•	•	•	•
unction	PDI (Power Di	stribution Indicator) <sup>2</sup>	X	X	X	Х
	Outdoor Unit		X	X	X	Х
pecial	Wi-Fi <sup>2</sup>		Embedded	Embedded	Embedded*	Embedded
unction Kit	Smart Inverte	r Monitoring System (SIMs) <sup>2</sup>	PSWMOZ3	PSWMOZ3	PSWM0Z3	PSWM0Z3
	Mode Lock		Cooling Only or Heating Only			
Others	Temperature Control		Thermistor	Thermistor	Thermistor	Thermistor
		d Response Enabling Device)	•	•	•	•

N	ot	е

- · Filters are optional in some specific areas.
- \*1: This function can be operated only when the wired remote controller is connected. The applicability of each function depends on the above table.
  \*2: Optional accessories must be purchased separately. If shown as "Embedded", this function is included in product.
- $\bullet$  The function Wi-Fi is only compatible with 2.4 GHz band. (802.11 b/g/n)
- Some specifications may be changed without notifications due to our policy of innovation.
   The air conditioner which DRED is available is capable of DRM1, DRM2 and DRM3 and complies with standard AS/NZS 4755.3.1.

Category	Function		WH09SK-18	WH12SK-18	WH18SL-19	WH24SL-18	WH30SR-18	WH34SR-18
	Air Supply Outlet		1	1	1	1	1	1
	Airflow Direc	tion Control (Left & Right)	5 Steps					
	Airflow Direc	tion Control (Up & Down)	6 Steps					
	Auto Swing (	Left & Right)	•	•	•	•	•	•
Air Flow	Auto Swing (	Up & Down)	•	•	•	•	•	•
	Fan Speed St	eps (Fan / Cool / Heat	6/6/6	6/6/6	6/6/6	6/6/6	6/6/6	6/6/6
	Natural Wind	(Auto Wind)	• / •	• / •	•/•	• / •	• / •	• / •
	Jet Cool / Jet	Heat (Power Wind)	•	•	•	•	•	•
	Comfort Air		•	•	•	•	•	•
Air	Pre-filter (Wa	ashable / Anti-Bacteria)	•	•	•	•	•	•
Filtration	Plasma Air Filt	er (lonizer)	•	•	•	•	•	•
	Hot Start		•	•	•	•	•	•
	Self Diagnosi	s	•	•	•	•	•	•
Reliability	De-Ice Control (Defrost)		•	•	•	•	•	•
	Dry (Dehumidification) Operation		•	•	•	•	•	•
	Auto Changeover		•	•	•	•	•	•
	Auto Cleaning (Coil Dry)		•	•	•	•	•	•
	Auto Restart Operation		•	•	•	•	•	•
	Forced Operation		•	•	•	•	•	•
	Group Contro	ol <sup>1</sup>	X	X	X	•	•	•
	Sleep Mode		7hr	7hr	7hr	7hr	7hr	7hr
	Timer 24hr (0	On/Off) / 7hr (Off)	●/X	●/X	●/X	● / X	• / X	X / •
Convenience	Two Thermist	or Control <sup>1</sup>	•	•	•	•	•	•
	Low Ambient	Operation	•	•	•	•	•	•
	Overheating I	Protection	•	•	•	•	•	•
	Outdoor Siler	nt Mode	•	•	•	•	•	•
	Smart Diagno	osis	•	•	•	•	•	•
	Indoor Unit D	isplay Type	Number Display					
	Indoor Unit D	isplay Light	On / Off					
	Energy Displa	ay .	•	•	•	•	•	•
Energy Saving	Energy Contr	ol	Active Energy Control					
	Wired Remot	e Controller (Standard) <sup>2</sup>	•	•	•	PREMTB001	PREMTB001	PREMTB001
1 5 1 1		(See Remote Controller Section)	AKB74955603	AKB74955603	AKB74955603	AKB74955603	AKB74955603	AKB74955603
Individual Control	Hand-held Wireless Controller	Setting Temperature Range (Cooling)	18~30 °C (64~86 °F)					
	Controlle							

16-30 °C (60-86 °F) | 16-30 °C (60-86 °F) | 16-30 °C (60-86 °F) | 16-30 °C (60-86 °F) | 16-30 °C (60-86 °F) | 16-30 °C (60-86 °F) | 16-30 °C (60-86 °F) | 16-30 °C (60-86 °F) | 16-30 °C (60-86 °F) | 16-30 °C (60-86 °F) | 16-30 °C (60-86 °F) | 16-30 °C (60-86 °F) | 16-30 °C (60-86 °F) | 16-30 °C (60-86 °F) | 16-30 °C (60-86 °F) | 16-30 °C (60-86 °F) | 16-30 °C (60-86 °F) | 16-30 °C (60-86 °F) | 16-30 °C (60-86 °F) | 16-30 °C (60-86 °F) | 16-30 °C (60-86 °F) | 16-30 °C (60-86 °F) | 16-30 °C (60-86 °F) | 16-30 °C (60-86 °F) | 16-30 °C (60-86 °F) | 16-30 °C (60-86 °F) | 16-30 °C (60-86 °F) | 16-30 °C (60-86 °F) | 16-30 °C (60-86 °F) | 16-30 °C (60-86 °F) | 16-30 °C (60-86 °F) | 16-30 °C (60-86 °F) | 16-30 °C (60-86 °F) | 16-30 °C (60-86 °F) | 16-30 °C (60-86 °F) | 16-30 °C (60-86 °F) | 16-30 °C (60-86 °F) | 16-30 °C (60-86 °F) | 16-30 °C (60-86 °F) | 16-30 °C (60-86 °F) | 16-30 °C (60-86 °F) | 16-30 °C (60-86 °F) | 16-30 °C (60-86 °F) | 16-30 °C (60-86 °F) | 16-30 °C (60-86 °F) | 16-30 °C (60-86 °F) | 16-30 °C (60-86 °F) | 16-30 °C (60-86 °F) | 16-30 °C (60-86 °F) | 16-30 °C (60-86 °F) | 16-30 °C (60-86 °F) | 16-30 °C (60-86 °F) | 16-30 °C (60-86 °F) | 16-30 °C (60-86 °F) | 16-30 °C (60-86 °F) | 16-30 °C (60-86 °F) | 16-30 °C (60-86 °F) | 16-30 °C (60-86 °F) | 16-30 °C (60-86 °F) | 16-30 °C (60-86 °F) | 16-30 °C (60-86 °F) | 16-30 °C (60-86 °F) | 16-30 °C (60-86 °F) | 16-30 °C (60-86 °F) | 16-30 °C (60-86 °F) | 16-30 °C (60-86 °F) | 16-30 °C (60-86 °F) | 16-30 °C (60-86 °F) | 16-30 °C (60-86 °F) | 16-30 °C (60-86 °F) | 16-30 °C (60-86 °C) |

PQDSB1,

PQDSBC, PQDSBC1 PQDSBNGCM1

PMNFP14A1

PSWMOZ3

PDRYCB000, PDRY-

CB100,

PDRYCB400, PDRY-

CB500

PMNFP14A\*

PSWM0Z3

### Note

- : Applied, X : Not Applied
- Filters are optional in some specific areas.
- \*1: This function can be operated only when the wired remote controller is connected. The applicability of each function depends on the above table.
  \*2: Optional accessories must be purchased separately. If shown as "Embedded", this function is included in product.

PDRYCB000, PDRY-

CB100,

PDRYCB400, PDRY-

CB500

PMNFP14A\*

PSWM0Z3

PDRYCB000, PDRY-

CB100,

PDRYCB400, PDRY-

CB500

PMNFP14A\*

PSWM0Z3

Network Solution (LGAP)

Outdoor Unit PI 485<sup>2</sup>

DRED (Demand Response Enabling Device

Dry Contact <sup>2</sup>

The function Wi-Fi is only compatible with 2.4 GHz band. (802.11 b/g/n)
Some specifications may be changed without notifications due to our policy of innovation.
The air conditioner which DRED is available is capable of DRM1, DRM2 and DRM3 and complies with standard AS/NZS 4755.3.1.

PQDSB1,

PQDSBC, PQDSBC1, PQDSBNGCM1

PMNFP14A1

PSWMOZ3

PQDSB1,

PQDSBC, PQDSBC1 PQDSBNGCM1

PMNFP14A1

PSWMOZ3

# WHY LG AIR CONDITIONERS?

### **Years of Experience**

LG has been keeping Australians comfortable for over 25 years. With our advanced technology and reliable heating and cooling solutions, you can count on LG to bring you comfort in your home.

### **Specialist Dealer Network**

We have LG Specialist Dealers all across Australia. Our Dealers are experts in their field and will provide you with an obligation free quotation to deliver and install the right solution for your home.

### **10 Year Compressor Parts Warranty**

The LG Smart Inverter CompressorTM is designed to cope with high temperatures, so great for those hot Australian conditions. With the 10 year compressor parts warranty\*, you have the peace of mind that you can come home to comfort for years to come.

\* 5 years parts and labour + 5 years limited parts warranty on the compressor.

### Smart Technology\*

LG is committed to continuous improvement of our products and incorporating the latest technology in all of our products. Our Split System air conditioners not only have features to efficiently heat or cool your come, but also technology to help make it more convenient as well such as embedded WiFi – so you can control your unit with your Smartphone, even when you're not home.

LG air conditioners are now also compatible with Google Home, enabling you to control your air conditioner with the sound of your voice.

\* Product Registration using both LG Smart ThinQ app & Google app is required. Internet, Wi-Fi connection and Google account required. Data usage may apply. Controlling devices and features requires compatible smart devices. Features and services may be changed without notice. Google is a trademark of Google LLC.







# For more information visit lg.com/au/split-system-air-conditioner

\*The specifications, designs and information in this brochure are subject to change without notice. Unit colours shown are as close as possible to actual unit colours. Colours may vary slightly.