Split System Air Conditioners

Come home to comfort with LG

LG

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.

2025. JAN

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 Australian's. 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:

• **Embedded Wi-Fi** - so that you can control your unit with your Smartphone, even when you're not at home*.

• **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.

* LG ThinQ® app available from Google Play Store or Apple App required, compatible with Android or iOS smartphones required (Android OS 7.0 or higher, iOS 14.0 or higher). Phone and Home Wi-Fi Data connection and product registration with LG ThinQ® required. Visit **lg.com/au/lg-thinq** for features, system compatibility and service availability which may vary by model.

"OK Google, turn on the air conditioner."

"Sure, turning on"

SMART SERIES
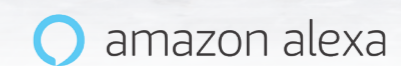
HIGH EFFICIENCY SERIES

WS Series with Built-In Wi-Fi ThinQ™

Dimensions (W x H x D) : 837 x 308 x 189 mm

Dimensions (W x H x D) : 998 x 345 x 210 mm

Dimensions (W x H x D) : 1,060 x 360 x 265 mm

WS09TWS
Cooling : 2.6 kW
Heating : 3.2 kW

WS18TWS
Cooling : 4.8 kW
Heating : 5.9 kW

WS24SL
Cooling : 7.1 kW
Heating : 7.7 kW

WS12TWS
Cooling : 3.4 kW
Heating : 4.0 kW

WH Series with Built-In Wi-Fi ThinQ™

Dimensions (W x H x D) : 998 x 345 x 210 mm

Dimensions (W x H x D) : 1,060 x 360 x 265 mm

Dimensions (W x H x D) : 1,200 x 360 x 265 mm

WH09SK-18
Cooling : 2.5 kW
Heating : 3.2 kW

WH18SL-19
Cooling : 5.0 kW
Heating : 6.0 kW

WH30SR-18
Cooling : 8.5 kW
Heating : 9.0 kW

WH12SK-18
Cooling : 3.5 kW
Heating : 4.0 kW

WH24SL-18
Cooling : 7.1 kW
Heating : 8.0 kW

WH34SR-18
Cooling : 9.4 kW
Heating : 10.3 kW

ThinQ™

"OK Google, set the air conditioner to 22 degrees."

amazon alexa

works with the Google Assistant

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.

* LG ThinQ® app available from Google Play Store or Apple App required, compatible with Android or iOS smartphones required (Android OS 7.0 or higher, iOS 14.0 or higher). Phone and Home Wi-Fi Data connection and product registration with LG ThinQ® required. Visit **lg.com/au/lg-thinq** for features, system compatibility and service availability which may vary by model.

SMART

CORE TECHNOLOGY

Embedded Wi-Fi

Built-in Wi-Fi Smart Control

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

Wi-Fi Connnection
Press and hold two buttons for 3 secs to activate the Wi-Fi signal on the Aircon indoor unit.

"OK Google, turn on the air conditioner."

Controlling & Monitoring

Smart Diagnosis & Filter Manager

Integrated Home Appliances Control

Air Conditioner Control With Wi-Fi

* LG ThinQ® app available from Google Play Store or Apple App required, compatible with Android or iOS smartphones required (Android OS 7.0 or higher, iOS 14.0 or higher). Phone and Home Wi-Fi Data connection and product registration with LG ThinQ® required. Visit **lg.com/au/lg-thinq** for features, system compatibility and service availability which may vary by model.

Download on the App Store

amazon alexa

works with the Google Assistant

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.

Smart Diagnosis can catch problems early and help you to troubleshoot them.

Product check is in progress.

70%

Temperature Sensor — Inverter
Fan Motor — Voltage
Compressor — Refrigerant
Pressure Sensor — Current Sensor
Etc.

Smart Diagnosis Results
Date of diagnosis : Mar 13, 2024 8:54 PM

Did not detect abnormal operation.

Temperature Sensor — Inverter
Fan Motor — Voltage
Compressor — Refrigerant
Pressure Sensor — Current Sensor
Etc.

❷ Analyse and Transmit Information
❶ Send signal
❸ Display Product Information
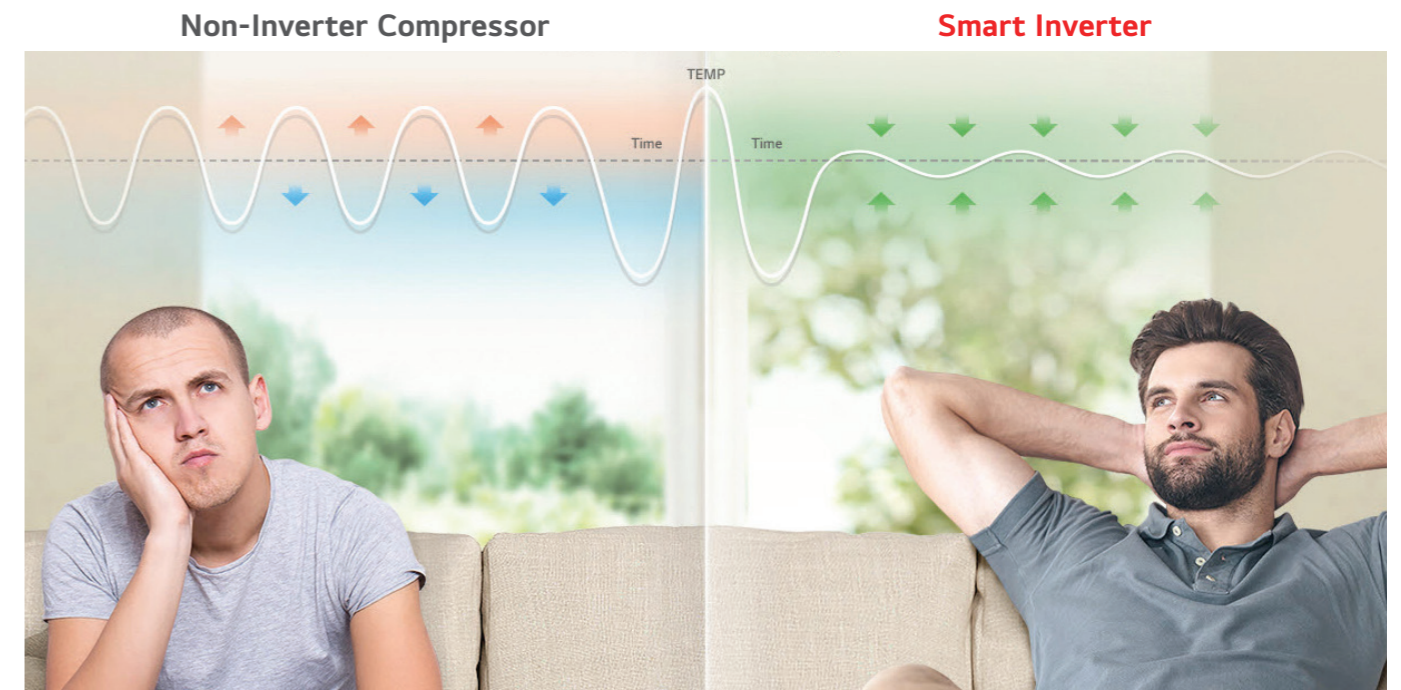
Smart Inverter Compressor

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**
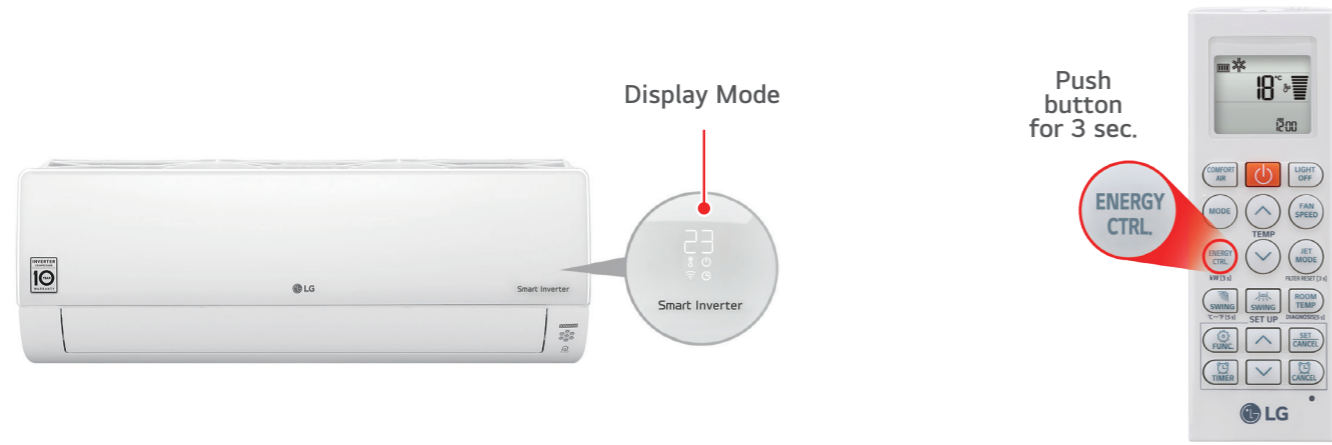
TEMP

Time   Time

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.

Display Mode

Smart Inverter

Push button for 3 sec.

ENERGY CTRL.

Benefit

Normal Mode
Current Temperature Setting

Smart Inverter

1 Click

Electric Power
Displays Current Energy Use

Smart Inverter

1 Click

Energy Monitoring
You can also view your weekly or monthly energy usage on the LG ThinQ app.

← **Energy Monitoring**

| Day | Week | Month | Year |

< **Wed, Mar 13, 2024** >

Current Power Consumption Based on 8:54 PM-kW

Daily Cumulative Usage   -kWh

(kWh)
25
20
15
10
5   2.0   1.6   2.0   3.1   2.4
0
12시   6   12시   6   12시
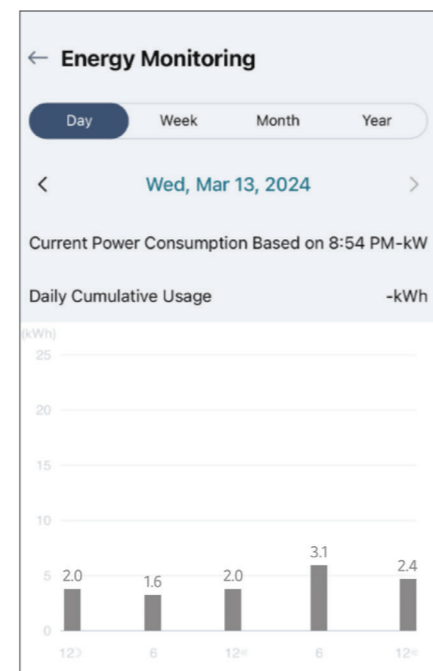
ENERGY EFFICIENCY

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 1.
80% energy usage

Few people and moderate-activity levels.

1 Click

Step 2.
60% energy usage

Fewer people and low-activity levels.

2 Clicks
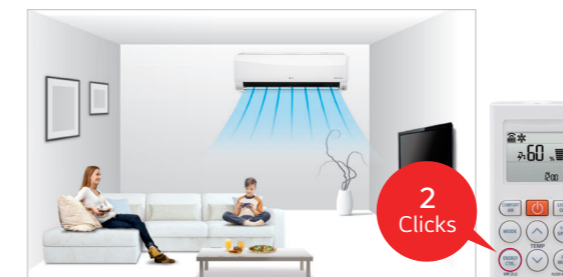
Step 3.
40% energy usage

Fewest people with no activity.

3 Clicks

Energy Savings

Limiting power consumption from 80-40% of normal use increases energy efficiency up to 50%.

12% More Efficient

29% More Efficient

50% More Efficient

Change (%)
100
80
40
0

Normal   Step 1   Step 2   Step 3

⟷ System Efficiency Gain
— Cooling Capacity
— Energy Consumption
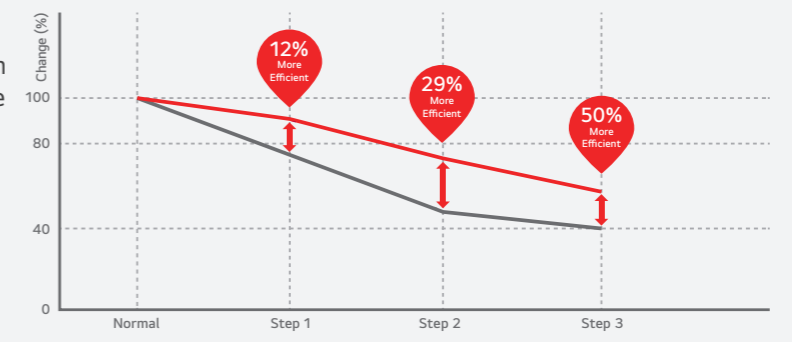
* Test Conditions : Temperature. (Indoor Temperature : 27°C DB / 19°C WB, Outdoor Temperature : 35°C), Air Conditioner model WH24.

CLEAN, FILTERED AIR

Plasmaster™ Ionizer⁺PLUS

Plasmaster Ionizer Plus & Auto Cleaning

The Plasmaster Ionizer 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

Deodorisation

Ammonia Etc.

Food / Cooking Odours

Filtration

Bacteria

Pollen

Fungi

* 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.

Bacteria Reduction

Odour Minimised

Mould Minimised

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.

INVERTER
COMPRESSOR
10 YEAR
PARTS WARRANTY
ON COMPRESSOR
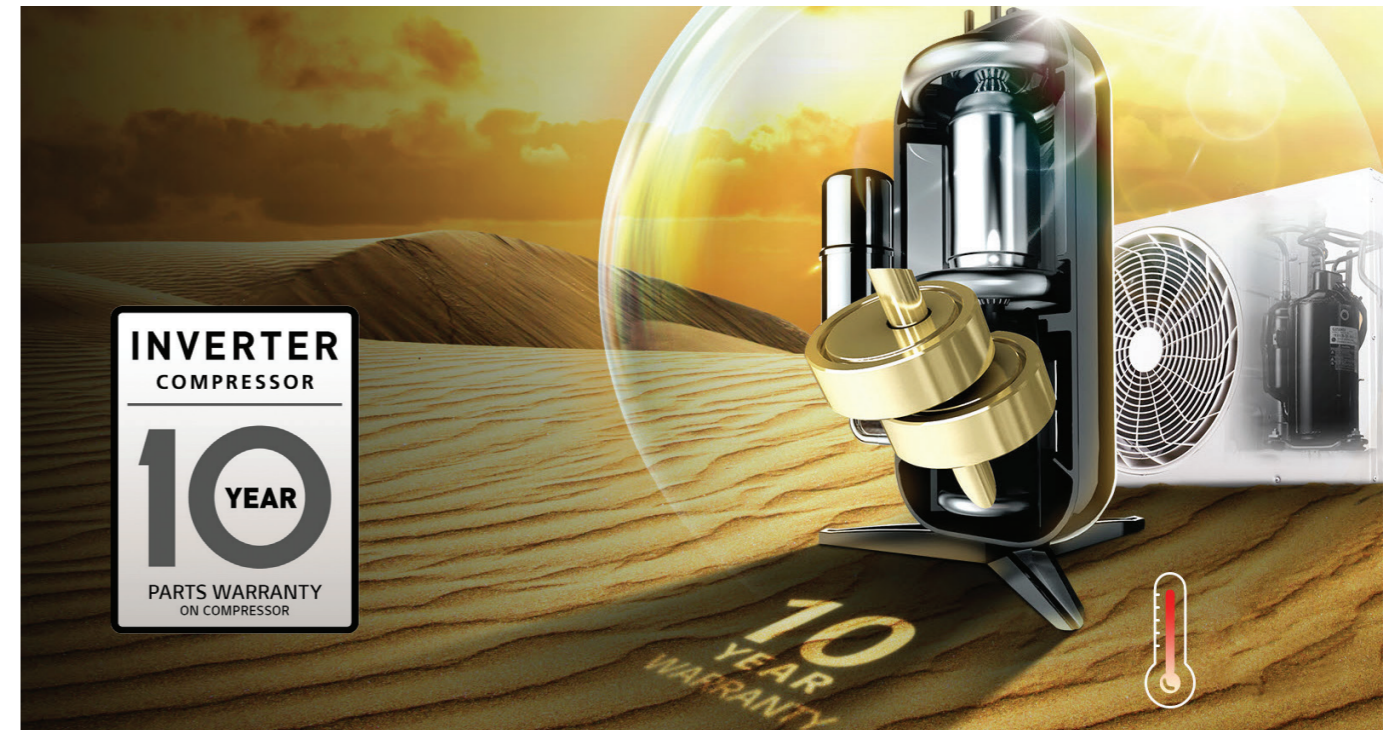
* 5 years parts and labour + 5 years limited parts warranty on the compressor.

Gold Fin™

The Gold Fin™ 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.

Hydrophilic Layer

Anticorrosive Layer

Aluminum

Anticorrosive Layer

QUIET & COMFORTABLE

Low Noise

Sleep easy

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

Less Cut Torque Variation
Smart Inverter Compressor™

BLDC Motor
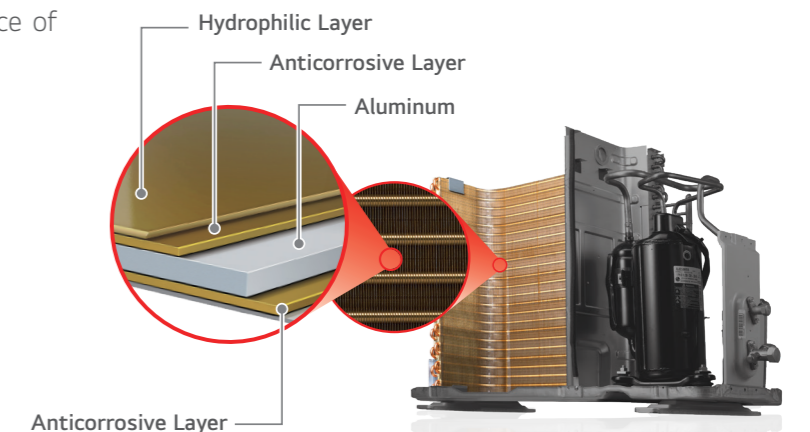
Advanced Motor

Conductor

Permanent Magnet

15°

15° Tilted Stabiliser
Skew Fan

QUIET & COMFORTABLE

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.

❶ 1 touch Comfort Air

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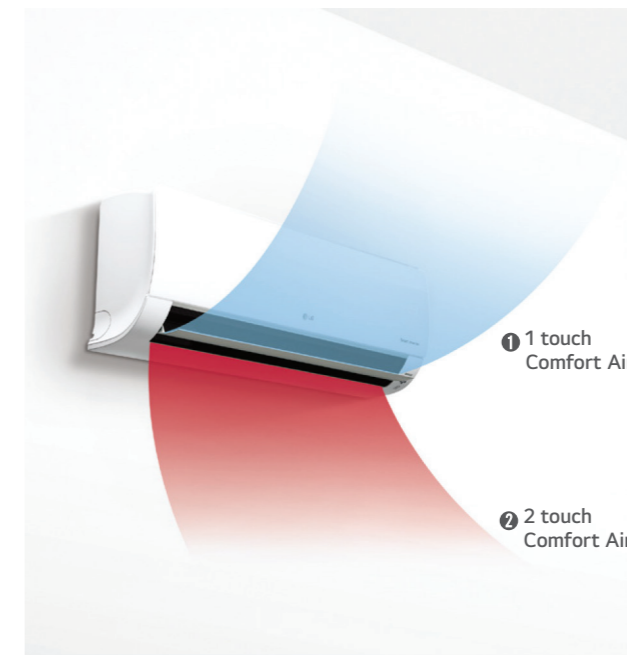
Scene 1: Inclines to a maximum 70° angle.
Sets vane angle to highest position:
Optimised for gentle airflow cooling.

Indoor Unit Display

Smart Inverter

Remote Controller Display

18°C

12:00

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

Indoor Unit Display

Smart Inverter

Remote Controller Display

24°C

12:00

SMART SERIES

HIGH EFFICIENCY SERIES

Smart Series

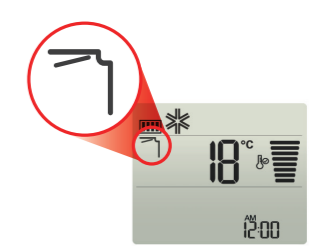| Model	WS09TWS	WS12TWS	WS18TWS	WS24SL
Cool kW	2.6	3.4	4.8	7.1
Heat kW	3.2	4.0	5.9	7.7
SMART — Embedded Wi-Fi	●	●	●	●
SMART — Smart Diagnosis	●	●	●	●
ENERGY EFFICIENCY — Energy Display & Monitoring	●	●	●	●
ENERGY EFFICIENCY — Active Energy Control - 4 Step	●	●	●	●
CLEAN, FILTERED AIR — Plasmaster Ionizer PLUS	X	X	X	X
CLEAN, FILTERED AIR — Auto Cleaning	●	●	●	●
DURABILITY — 10-Year Compressor Parts Warranty	●	●	●	●
CORE TECHNOLOGY — Smart Inverter Compressor	●	●	●	●
QUIET & COMFORTABLE — Low Noise	●	●	●	●
QUIET & COMFORTABLE — Comfort Air	●	●	●	●
QUIET & COMFORTABLE — Quick & Easy Installation	●	●	●	●
COMFORT COOL — Swing	2-Way	2-Way	2-Way	4-Way
COMFORT COOL — Jet Cool	●	●	●	●
CONTROL — Dry Contact	●	●	●	●
ENERGY RATING — Cooling	4.5 / 4.0 / 4.0	4.0 / 3.5 / 4.0	3.5 / 3.5 / 3.5	4.0 / 4.0 / 4.0
ENERGY RATING — Heating	3.0 / 3.0 / 2.5	3.0 / 2.5 / 2.0	3.0 / 2.0 / 1.5	3.0 / 2.5 / 1.5

High Efficiency Series

Model	WH09SK-18	WH12SK-18	WH18SL-19	WH24SL-18	WH30SR-18	WH34SR-18
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 — Smart Diagnosis	●	●	●	●	●	●
ENERGY EFFICIENCY — Energy Display & Monitoring	●	●	●	●	●	●
ENERGY EFFICIENCY — Active Energy Control - 4 Step	●	●	●	●	●	●
CLEAN, FILTERED AIR — Plasmaster Ionizer PLUS	●	●	●	●	●	●
CLEAN, FILTERED AIR — Auto Cleaning	●	●	●	●	●	●
DURABILITY — 10-Year Compressor Parts Warranty	●	●	●	●	●	●
CORE TECHNOLOGY — Smart Inverter Compressor	●	●	●	●	●	●
QUIET & COMFORTABLE — Low Noise	●	●	●	●	●	●
QUIET & COMFORTABLE — Comfort Air	●	●	●	●	●	●
QUIET & COMFORTABLE — Quick & Easy Installation	●	●	●	●	●	●
COMFORT COOL — Swing	4-Way	4-Way	4-Way	4-Way	4-Way	4-Way
COMFORT COOL — Jet Cool	●	●	●	●	●	●
CONTROL — Dry Contact	●	●	●	●	●	●
ENERGY RATING — Cooling	5.0 / 4.5 / 4.5	5.0 / 4.5 / 4.5	4.5 / 4.5 / 4.5	3.5 / 3.5 / 3.5	3.0 / 3.0 / 3.0	3.0 / 3.0 / 3.0
ENERGY RATING — Heating	3.0 / 3.0 / 2.5	3.0 / 2.5 / 2.0	3.0 / 2.5 / 2.0	3.0 / 2.0 / 1.5	3.0 / 2.5 / 2.0	3.0 / 2.5 / 1.5

CONTROL

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	Premium	Standard III	Standard II
	PREMTA000	PREMTB101	PREMTB001

* Compatible with all models (WS & WH Series).
* Must be purchased separately.

SMART SERIES

WS Series

Built-In Wi-Fi
* Set Name (Indoor Unit / Outdoor Unit)
WS09TWS (WS09TWN / WS09TWU)
WS12TWS (WS12TWN / WS12TWU)
WS18TWS (WS18TWN / WS18TWU)
WS24SL (WS24SLN / WS24SLU)

Model				WS09TWS	WS12TWS	WS18TWS	WS24SL
Indoor Unit			Unit	WS09TWN	WS12TWN	WS18TWN	WS24SLN
Outdoor Unit				WS09TWU	WS12TWU	WS18TWU	WS24SLU
Rated Capacity	Cooling		kW	2.6	3.4	4.8	7.1
	Heating		kW	3.2	4.0	5.9	7.7
Capacity Range	Cooling	Min ~ Max	kW	0.89 ~ 3.70	0.89 ~ 4.04	0.90 ~ 5.50	1.00 - 8.00
	Heating	Min ~ Max	kW	0.89 ~ 5.00	0.89 ~ 6.00	0.90 ~ 6.40	1.00 - 8.50
Power Input	Cooling	Rated	kW	0.600	0.895	1.460	2.150
	Heating	Rated	kW	0.743	0.990	1.675	2.100
Running Current	Cooling	Rated	A	3.0	4.4	6.5	9.4
	Heating	Rated	A	3.3	4.7	7.4	9.2
EER			W/W	4.33	3.80	3.29	3.30
AEER			-	4.26	3.76	3.27	3.30
COP			W/W	4.31	4.04	3.52	3.67
ACOP			-	4.25	4.00	3.50	3.66
Energy Label Grade	Cooling		-	4.5 / 4.0 / 4.0	4.0 / 3.5 / 4.0	3.5 / 3.5 / 3.5	4.0 / 4.0 / 4.0
	Heating		-	3.0 / 3.0 / 2.5	3.0 / 2.5 / 2.0	3.0 / 2.0 / 1.5	3.0 / 2.5 / 1.5
Power Supply			Ø, V, Hz	1Ph, 220-240V, 50Hz	1Ph, 220-240V, 50Hz	1Ph, 220-240V, 50Hz	1Ph, 220-240V, 50Hz
Indoor	Air Flow Rate	Cooling, Max / H / M / L	L/s	200 / 183 / 150 / 92	200 / 183 / 150 / 92	258 / 242 / 217 / 175	383 / 283 / 233 / 183
		Heating, Max / H / M / L	L/s	208 / 183 / 150 / 108	208 / 183 / 150 / 108	308 / 267 / 225 / 183	433 / 333 / 283 / 233
	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	- / 46 / 41 / 36 / 27
	Dimensions (W × H × D)	Net	mm	837 x 308 x 189	837 x 308 x 189	998 x 345 x 210	1,060 x 360 x 265
	Weight	Net	kg	8.5	8.5	11.7	16.6
Outdoor	Compressor		-	Twin Rotary	Twin Rotary	Twin Rotary	Twin Rotary
	Condenser	Corrosion Protection	-	Gold	Gold	Gold	Gold
	Sound Pressure Level	Cooling, Rated	dB(A)	49	49	53	49
		Heating, Rated	dB(A)	51	51	55	52
	Sound Power Level		dB(A)	56	58	61	63
	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	35	35	35	45.7
	Operation Range	Cooling	°C DB	-15 ~ 48	-15 ~ 48	-15 ~ 48	-10 ~ 48
		Heating	°C DB	-15 ~ 24	-15 ~ 24	-10 ~ 24	-10 ~ 24
Field Connections							
Circuit Breaker			A	15	15	20	20
Power Supply Cable			No. x mm²	3 x 1.0	3 x 1.0	3 x 1.5	3 x 2.5
Power Supply to Unit			-	Outdoor	Outdoor	Outdoor	Outdoor
Power and Communication Cable			No. x mm²	4 x 1.0	4 x 1.0	4 x 1.0	4 x 1.0
Field Piping							
Piping	Size	Liquid	mm(inch)	Ø 6.35 (1/4)	Ø 6.35 (1/4)	Ø 6.35 (1/4)	ø 6.35 (1/4)
		Gas	mm(inch)	Ø 9.52 (3/8)	Ø 9.52 (3/8)	Ø 12.7 (1/2)	ø 12.7 (1/2)
	Connections Method	Indoor / Outdoor	-	Flared / Flared	Flared / Flared	Flared / Flared	Flared / Flared
Drain Hose Size		O.D / I.D	mm	20 / 15	20 / 15	20 / 15	20 / 15
Between Indoor & Outdoor	Piping Length	Min ~ Max	m	3 ~ 20	3 ~ 20	3 ~ 20	3 ~ 30
		Pre-Charge Length	m	7.5	7.5	7.5	7.5
	Max. Elevation Difference		m	10	10	10	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
Refrigerant Charge	Type		-	R32	R32	R32	R32
	Pre Charge		g	800	800	1,000	1,300
	Additional Charge		g/m	20	20	20	20
	Control		-	Electronic Expansion Valve	Electronic Expansion Valve	Electronic Expansion Valve	Electronic Expansion Valve

* Dimensions do not include service valve part / cover.

HIGH EFFICIENCY SERIES

WH Series
Built-In Wi-Fi
* Set Name (Indoor Unit / Outdoor Unit)

WH09SK-18 (WH09SKN-18 / WH09SKU-18)
WH12SK-18 (WH12SKN-18 / WH12SKU-18)
WH18SL-19 (WH18SLN-19 / WH18SLU-19)

Model			Unit	WH09SK-18	WH12SK-18	WH18SL-19
Indoor Unit			Unit	WH09SKN-18	WH12SKN-18	WH18SLN-19
Outdoor Unit				WH09SKU-18	WH12SKU-18	WH18SLU-19
Rated Capacity	Cooling		kW	2.5	3.5	5.0
	Heating		kW	3.2	4.0	6.0
Capacity Range	Cooling	Min ~ Max	kW	0.89 ~ 3.70	0.89 ~ 4.20	1.00 ~ 6.00
	Heating	Min ~ Max	kW	0.89 ~ 5.00	0.89 ~ 6.00	1.00 ~ 9.00
Power Input	Cooling	Rated	kW	0.52	0.86	1.22
	Heating	Rated	kW	0.65	0.87	1.38
Running Current	Cooling	Rated	A	2.80	4.00	5.10
	Heating	Rated	A	3.80	4.10	5.90
EER			W/W	4.88	4.07	4.10
AEER			-	4.88	4.07	4.10
COP			W/W	4.90	4.60	4.35
ACOP			-	4.90	4.60	4.35
Energy Label Grade	Cooling		-	5.0 / 4.5 / 4.5	5.0 / 4.5 / 4.5	4.5 / 4.5 / 4.5
	Heating		-	3.0 / 3.0 / 2.5	3.0 / 2.5 / 2.0	3.0 / 2.5 / 2.0
Power Supply			Ø, V, Hz	1Ph, 220~240V, 50Hz	1Ph, 220~240V, 50Hz	1Ph, 220~240V, 50Hz
Indoor	Air Flow Rate	Max / H / M / L	L/s	333 / 200 / 166 / 86	333 / 200 / 166 / 86	383 / 283 / 233 / 183
	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	mm	998 x 345 x 210	998 x 345 x 210	1,060 / 360 / 265
	Weight	Net	kg	12.0	12.0	16.6
Outdoor	Compressor		-	Twin Rotary	Twin Rotary	Twin Rotary
	Condenser	Corrosion Protection	-	Gold	Gold	Gold
	Sound Pressure Level	Cooling, Rated	dB(A)	49	49	54
		Heating, Rated	dB(A)	51	51	57
	Sound Power Level		dB(A)	56	59	60
	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
	Operation Range	Cooling	°C DB	-10 ~ 48	-10 ~ 48	-10 ~ 48
		Heating	°C DB	-10 ~ 24	-10 ~ 24	-10 ~ 24
Field Connections						
Circuit Breaker			A	15	15	20
Power Supply Cable			No. x mm²	3 x 1.0	3 x 1.0	3 x 2.5
Power Supply to Unit			-	Outdoor	Outdoor	Outdoor
Power and Communication Cable			No. x mm²	4 x 1.0	4 x 1.0	4 x 1.0
Field Piping						
Piping	Size	Liquid	mm(inch)	Ø 6.35 (1/4)	Ø 6.35 (1/4)	Ø 6.35 (1/4)
		Gas	mm(inch)	Ø 9.52 (3/8)	Ø 9.52 (3/8)	Ø 12.7 (1/2)
	Connections Method	Indoor / Outdoor	-	Flared / Flared	Flared / Flared	Flared / Flared
Drain Hose Size		O.D / I.D	mm	20 / 15	20 / 15	20 / 15
Between Indoor & Outdoor	Piping Length	Min ~ Max	m	3 ~ 20	3 ~ 20	3 ~ 30
		Pre-Charge Length	m	12.5	12.5	7.5
	Max. Elevation Difference		m	10	10	20
	Piping Connection Heat Insulation		-	Both liquid and gas pipes	Both liquid and gas pipes	Both liquid and gas pipes
Refrigerant Charge	Type		-	R32	R32	R32
	Pre Charge		g	900	900	1,300
	Additional Charge		g/m	20	20	20
	Control		-	Electronic Expansion Valve	Electronic Expansion Valve	Electronic Expansion Valve

* Dimensions do not include service valve part / cover.

HIGH EFFICIENCY SERIES

WH Series
Built-In Wi-Fi
* Set Name (Indoor Unit / Outdoor Unit)

WH24SL-18 (WH24SLN-18 / WH24SLU-18)
WH30SR-18 (WH30SRN-18 / WH30SRU-18)
WH34SR-18 (WH34SRN-18 / WH34SRU-18)

Model			Unit	WH24SL-18	WH30SR-18	WH34SR-18
Indoor Unit			Unit	WH24SLN-18	WH30SRN-18	WH34SRN-18
Outdoor Unit				WH24SLU-18	WH30SRU-18	WH34SRU-18
Rated Capacity	Cooling		kW	7.1	8.5	9.4
	Heating		kW	8.0	9.0	10.3
Capacity Range	Cooling	Min ~ Max	kW	1.00 ~ 8.60	2.00 ~ 9.50	2.00 ~ 11.20
	Heating	Min ~ Max	kW	1.00 ~ 10.60	2.00 ~ 12.00	2.00 ~ 12.80
Power Input	Cooling	Rated	kW	1.89	2.26	2.68
	Heating	Rated	kW	1.99	2.24	2.74
Running Current	Cooling	Rated	A	8.40	10.10	12.00
	Heating	Rated	A	8.90	10.00	12.30
EER			W/W	3.76	3.76	3.51
AEER			-	3.76	3.76	3.51
COP			W/W	4.02	4.02	3.76
ACOP			-	4.02	4.02	3.76
Energy Label Grade	Cooling		-	3.5 / 3.5 / 3.5	3.0 / 3.0 / 3.0	3.0 / 3.0 / 3.0
	Heating		-	3.0 / 2.0 / 1.5	3.0 / 2.5 / 2.0	3.0 / 2.5 / 1.5
Power Supply			Ø, V, Hz	1Ph, 220~240V, 50Hz	1Ph, 220~240V, 50Hz	1Ph, 220~240V, 50Hz
Indoor	Air Flow Rate	Max / H / M / L	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 × H × D)	Net	mm	1,060 x 360 x 265	1,200 x 360 x 265	1,200 x 360 x 265
	Weight	Net	kg	16.6	18.5	18.5
Outdoor	Compressor		-	Twin Rotary	Twin Rotary	Twin Rotary
	Condenser	Corrosion Protection	-	Gold	Gold	Gold
	Sound Pressure Level	Cooling, Rated	dB(A)	55	55	55
		Heating, Rated	dB(A)	56	57	57
	Sound Power Level		dB(A)	62	65	65
	Dimensions* (W × H × D)	Net	mm	950 x 832 x 330	950 x 832 x 330	950 x 832 x 330
	Weight	Net	kg	59.4	64.6	64.6
	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	25	25	25
Power Supply Cable			No. x mm²	3 x 2.5	3 x 2.5	3 x 2.5
Power Supply to Unit			-	Outdoor	Outdoor	Outdoor
Power and Communication Cable			No. x mm²	4 x 1.0	4 x 1.0	4 x 1.0
Field Piping						
Piping	Size	Liquid	mm(inch)	Ø 9.52 (3/8)	Ø 9.52 (3/8)	Ø 9.52 (3/8)
		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
Between Indoor & Outdoor	Piping Length	Min ~ Max	m	3 ~ 30	3 ~ 30	3 ~ 30
		Pre-Charge Length	m	7.5	7.5	7.5
	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
Refrigerant Charge	Type		-	R32	R32	R32
	Pre Charge		g	1,750	2,000	2,000
	Additional Charge		g/m	20	20	20
	Control		-	Electronic Expansion Valve	Electronic Expansion Valve	Electronic Expansion Valve

* Dimensions do not include service valve part / cover.

SMART SERIES

Category	Function	WS09TWS	WS12TWS	WS18TWS	WS24SL
Air Flow	Air Supply Outlet	1	1	1	1
	Airflow Direction Control (Left & Right)	Manual	Manual	Manual	5 Steps
	Airflow Direction Control (Up & Down)	6 Steps	6 Steps	6 Steps	6 Steps
	Auto Swing (Left & Right)	X	X	X	●
	Auto Swing (Up & Down)	●	●	●	●
	Fan Speed Steps (Fan / Cool / Heat)	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 Filtration	Pre-filter (Washable)	●	●	●	●
	Deodorizing Filter	X	X	X	X
	Micro Dust Filter	X	X	X	X
	Micro Protection Filter	X	X	X	X
	Plasma Air Filter (Ionizer)	X	X	X	X
Installation	Drain Pump	X	X	X	X
Reliability	Hot Start	●	●	●	●
	Self Diagnosis	●	●	●	●
	De-Ice Control (Defrost)	●	●	●	●
	Dry (Dehumidification) Operation	●	●	●	●
Convenience	Auto Changeover	●	●	●	●
	Auto Operation (Artificial Intelligence)	X	X	X	X
	Auto Cleaning (Coil Dry)	●	●	●	●
	Auto Restart Operation	●	●	●	●
	Child Lock [1]	●	●	●	●
	Forced Operation	●	●	●	●
	Group Control [1]	●	●	●	●
	Sleep Mode	7hr	7hr	7hr	7hr
	Timer 24hr (On/Off) / 7hr (Off)	● / X	● / X	● / X	● / X
	Timer (Weekly) [1]	●	●	●	●
	Two Thermistor Control [1]	●	●	●	●
	Low Ambient Operation	●	●	●	●
	Overheating Protection	●	●	●	●
	Low Heating	X	X	X	X
	Voice Control	X	X	X	X
	Outdoor Silent Mode	●	●	●	●
	Mosquito Away	X	X	X	X
	Smart Diagnosis	●	●	●	●
	Indoor Unit Display Type	Number Display	Number Display	Number Display	Number Display
	Indoor Unit Display Light	On / Off	On / Off	On / Off	On / Off
	Energy Display	●	●	●	●
Energy Saving	Energy Saving	X	X	X	X
	Energy Control	Active Energy Control	Active Energy Control	Active Energy Control	Active Energy Control
	Gen Mode	X	X	X	X
Individual Control	Wired Remote Controller (Premium) [2]	●	●	●	●
	Wired Remote Controller (Standard) [2]	●	●	●	●
	Hand-held Wireless Controller (See Remote Controller Section)	AKB74955603	AKB74955603	AKB74955603	AKB74955603
	Setting Temperature Range (Cooling)	18–30 °C (64–86 °F)	18–30 °C (64–86 °F)	18–30 °C (64–86 °F)	18–30 °C (64–86 °F)
	Setting Temperature Range (Heating)	16–30 °C (60–86 °F)	16–30 °C (60–86 °F)	16–30 °C (60–86 °F)	16–30 °C (60–86 °F)
CAC Network Function	General Central Controller (Non LGAP)	X	X	X	X
	Network Solution (LGAP)	●	●	●	●
	Dry Contact [2]	●	●	●	●
	PDI (Power Distribution Indicator) [2]	X	X	X	X
	Outdoor Unit PI 485 [2]	●	●	●	●
Special Function Kit	Wi-Fi [2]	Embedded	Embedded	Embedded	Embedded
	Smart Inverter Monitoring System (SIMs) [2]	PSWMOZ3	PSWMOZ3	PSWMOZ3	PSWMOZ3
Others	Mode Lock	Cooling Only or Heating Only	Cooling Only or Heating Only	Cooling Only or Heating Only	Cooling Only or Heating Only
	Temperature Control	Thermistor	Thermistor	Thermistor	Thermistor
	DRED (Demand Response Enabling Device)	●	●	●	●

HIGH EFFICIENCY SERIES

Category	Function	WH09SK-18	WH12SK-18	WH18SL-19	WH24SL-18	WH30SR-18	WH34SR-18
Air Flow	Air Supply Outlet	1	1	1	1	1	1
	Airflow Direction Control (Left & Right)	5 Steps	5 Steps	5 Steps	5 Steps	5 Steps	5 Steps
	Airflow Direction Control (Up & Down)	6 Steps	6 Steps	6 Steps	6 Steps	6 Steps	6 Steps
	Auto Swing (Left & Right)	●	●	●	●	●	●
	Auto Swing (Up & Down)	●	●	●	●	●	●
	Fan Speed Steps (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 Filtration	Pre-filter (Washable)	●	●	●	●	●	●
	Deodorizing Filter	X	X	X	X	X	X
	Micro Dust Filter	X	X	X	X	X	X
	Micro Protection Filter	X	X	X	X	X	X
	Plasma Air Filter (Ionizer)	●	●	●	●	●	●
Installation	Drain Pump	X	X	X	X	X	X
Reliability	Hot Start	●	●	●	●	●	●
	Self Diagnosis	●	●	●	●	●	●
	De-Ice Control (Defrost)	●	●	●	●	●	●
	Dry (Dehumidification) Operation	●	●	●	●	●	●
Convenience	Auto Changeover	●	●	●	●	●	●
	Auto Operation (Artificial Intelligence)	X	X	X	X	X	X
	Auto Cleaning (Coil Dry)	●	●	●	●	●	●
	Auto Restart Operation	●	●	●	●	●	●
	Child Lock [1]	●	●	●	●	●	●
	Forced Operation	●	●	●	●	●	●
	Group Control [1]	●	●	●	●	●	●
	Sleep Mode	7hr	7hr	7hr	7hr	7hr	7hr
	Timer 24hr (On/Off) / 7hr (Off)	● / X	● / X	● / X	● / X	● / X	● / X
	Timer (Weekly) [1]	●	●	●	●	●	●
	Two Thermistor Control [1]	●	●	●	●	●	●
	Low Ambient Operation	●	●	●	●	●	●
	Overheating Protection	●	●	●	●	●	●
	Low Heating	X	X	X	X	X	X
	Voice Control	X	X	X	X	X	X
	Outdoor Silent Mode	●	●	●	●	●	●
	Mosquito Away	X	X	X	X	X	X
	Smart Diagnosis	●	●	●	●	●	●
	Indoor Unit Display Type	Number Display	Number Display	Number Display	Number Display	Number Display	Number Display
	Indoor Unit Display Light	On / Off	On / Off	On / Off	On / Off	On / Off	On / Off
	Energy Display	●	●	●	●	●	●
Energy Saving	Energy Saving	X	X	X	X	X	X
	Energy Control	Active Energy Control	Active Energy Control	Active Energy Control	Active Energy Control	Active Energy Control	Active Energy Control
	Gen Mode	X	X	X	X	X	X
Individual Control	Wired Remote Controller (Premium) [2]	●	●	●	●	●	●
	Wired Remote Controller (Standard) [2]	●	●	●	●	●	●
	Hand-held Wireless Controller (See Remote Controller Section)	AKB74955603	AKB74955603	AKB74955603	AKB74955603	AKB74955603	AKB74955603
	Setting Temperature Range (Cooling)	18–30 °C (64–86 °F)	18–30 °C (64–86 °F)	18–30 °C (64–86 °F)	18–30 °C (64–86 °F)	18–30 °C (64–86 °F)	18–30 °C (64–86 °F)
	Setting Temperature Range (Heating)	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)
CAC Network Function	General Central Controller (Non LGAP)	X	X	X	X	X	X
	Network Solution (LGAP)	●	●	●	●	●	●
	Dry Contact [2]	●	●	●	●	●	●
	PDI (Power Distribution Indicator) [2]	X	X	X	X	X	X
	Outdoor Unit PI 485 [2]	●	●	●	●	●	●
Special Function Kit	Wi-Fi [2]	Embedded	Embedded	Embedded	Embedded	Embedded	Embedded
	Smart Inverter Monitoring System (SIMs) [2]	PSWMOZ3	PSWMOZ3	PSWMOZ3	PSWMOZ3	PSWMOZ3	PSWMOZ3
Others	Mode Lock	Cooling Only or Heating Only	Cooling Only or Heating Only	Cooling Only or Heating Only	Cooling Only or Heating Only	Cooling Only or Heating Only	Cooling Only or Heating Only
	Temperature Control	Thermistor	Thermistor	Thermistor	Thermistor	Thermistor	Thermistor
	DRED (Demand Response Enabling Device)	●	●	●	●	●	●

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.
• 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.

Note

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• Filters are optional in some specific areas.
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WHY LG AIR CONDITIONERS?

Years of Experience

LG has been keeping Australia comfortable with Home Appliances. 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 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.

* 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 home, 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.

* LG ThinQ® app available from Google Play Store or Apple App required, compatible with Android or iOS smartphones required (Android OS 7.0 or higher, iOS 14.0 or higher). Phone and Home Wi-Fi Data connection and product registration with LG ThinQ® required. Visit **lg.com/au/lg-thinq** for features, system compatibility and service availability which may vary by model.