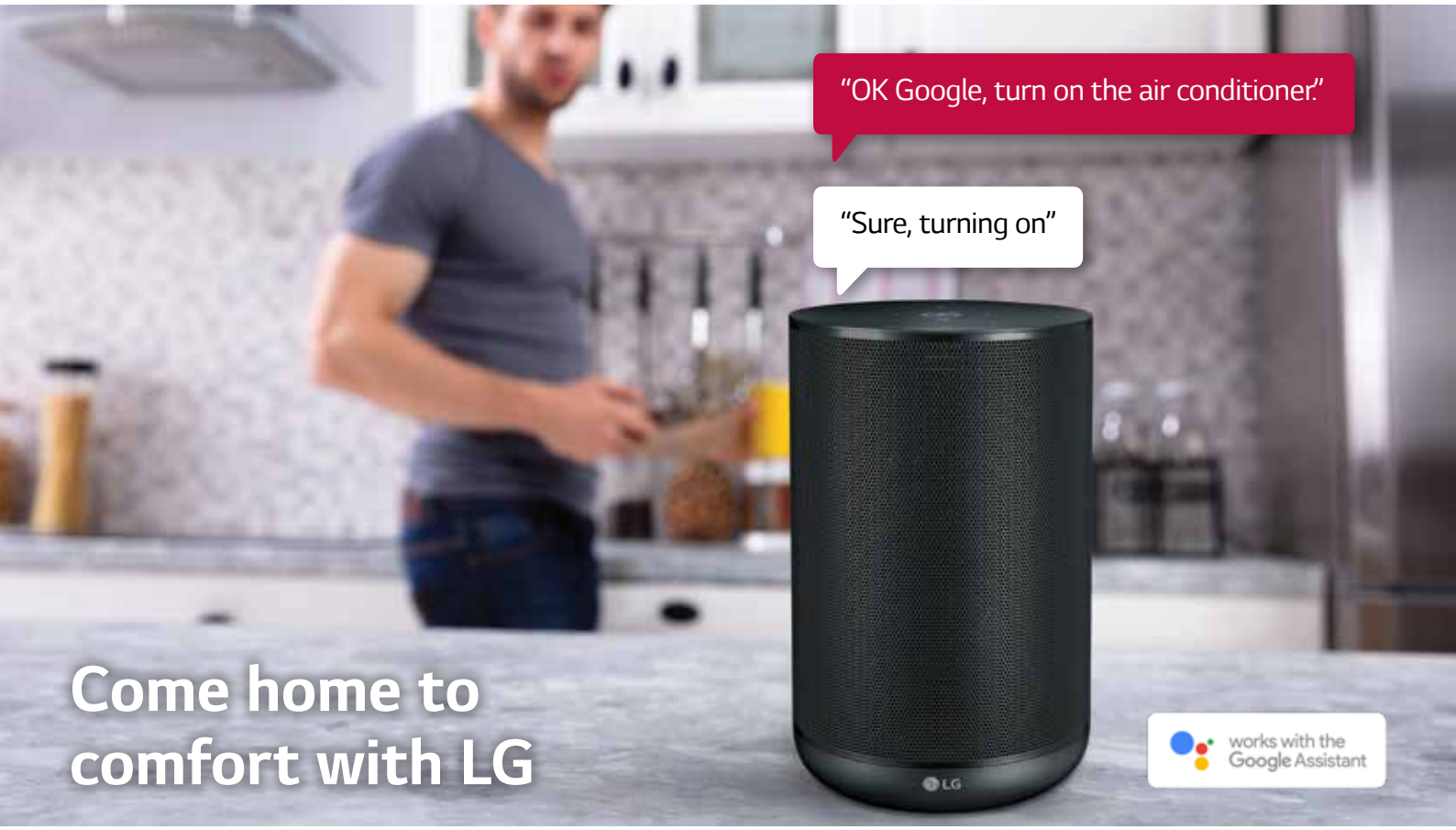
LG
Life's Good

NEW PRODUCT RELEASE
INTRODUCING THE WS SPLIT SYSTEMS RANGE



Come home to comfort with LG

HOME CONNECTIVITY

LG is making your life simpler and more convenient with connected appliances so you can 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 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 our commitment to innovative technology in our products, but continuously finding ways of helping busy Australian's in their day to day life.

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.

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.

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.

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.

INVERTER COMPRESSOR 10 YEAR PARTS WARRANTY ON COMPRESSOR

* 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.

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WS SERIES TECHNICAL SPECIFICATIONS

Model				WS09TWS	WS12TWS	WS18TWS	WS24TWS
Indoor Unit			Unit	WS09TWN	WS12TWN	WS18TWN	WS24TWN
Outdoor Unit				WS09TWU	WS12TWU	WS18TWU	WS24TWU
Rated Capacity	Cooling		kW	2.6	3.4	4.8	6.3
	Heating		kW	3.2	4.0	5.9	7.3
Capacity Range	Cooling	Min ~ Max	kW	0.89 ~ 3.7	0.89 ~ 4.04	0.9 ~ 5.5	0.9 ~ 7.42
	Heating	Min ~ Max	kW	0.89 ~ 5.0	0.89 ~ 6.0	0.9 ~ 6.4	0.9 ~ 8.64
Power Input	Cooling	Rated	kW	600	895	1,460	1,920
	Heating	Rated	kW	743	990	1,675	2,235
Running Current	Cooling	Rated	A	3.0	4.4	6.5	8.5
	Heating	Rated	A	3.3	4.7	7.4	9.9
EER			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			-	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
Indoor	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
		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
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	54
		Heating, Rated	dB(A)	51	51	55	57
	Sound Power Level		dB(A)	65	65	65	66
	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
	Operation Range	Cooling	°C DB	-15 ~ 48	-15 ~ 48	-15 ~ 48	-15 ~ 48
		Heating	°C DB	-15 ~ 24	-15 ~ 24	-10 ~ 24	-10 ~ 24
Field Connections							
Circuit Breaker			A	15	15	20	25
Power Supply Guide			No.	3 Core + Earth	3 Core + Earth	3 Core + Earth	3 Core + Earth
Power Supply to Unit			-	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)
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 15.88 (5/8)
	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	15
	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	1000	1100
		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.