
DUCTED AIR CONDITIONERS

Come home to comfort with LG



Come Home To Comfort with LG air conditioners

Why LG Ducted Air Conditioning

Designed for the way you live, our ducted air conditioners can be installed in a new home or tailored to an existing one. Our ducted units can typically be installed discreetly in homes - so you can create a space that's cool, comfortable and stylish.

To give you peace of mind, we also provide a **5 year** parts and labour warranty on our ducted systems, so comfort will be with you for years to come.

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

- **Optional Wi-Fi Control** - so that you can control your unit with your Smartphone, even when you're not at home*.
- **Improved Energy Efficiency** - The latest inverter technology from LG helps to lower running costs all year round.
- **Zone Control** - take control of up to 8 zones with the LG premium controller and indicate each zone name such as living room, kitchen etc.

For ease of installation, efficiency and flexibility, LG ducted 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 voice¹.

Google Home is now compatible with LG Ducted Air Conditioners, once the optional Wi-Fi dongle is fitted².

This means, you can now delegate tasks or ask your LG Air Conditioner questions via 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 to improve the day to day lives of busy Australians.

¹ 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.

² Wi-Fi Dongle Module required. Sold separately.



"OK Google, turn on the air conditioner!"

"Sure, turning on"



WI-FI CONTROL & HOME CONNECTIVITY

Wi-Fi Smart Control

You can use Google Assistant or the LG Smart ThinQ App to access and control your air conditioner with your smartphone¹ even when you're not at home, so you can come home to comfort. (Optional Wi-Fi dongle module sold separately)².



External Controller Management³

Programmable thermostats have become popular due to their energy efficiency benefits, improved comfort and convenience.



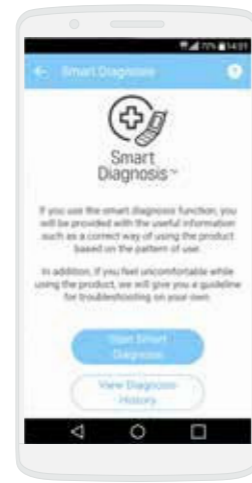
³ LG dry contact sold separately. Please check with your dealer to ensure compatibility between your 3rd party thermostat and the LG Air Conditioner

Home Automation System

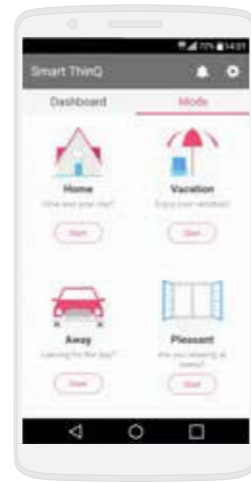
A home automation system can control compatible lighting, climate, entertainment systems and appliances. This can be connected with the LG Modbus RTU gateway (sold separately).



Controlling & Monitoring



Smart Diagnosis & Filter Manager



Integrated Home Appliances Control

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² Wi-Fi Dongle Module required. Sold separately.



MODEL LINE-UP













SLIM DUCTED

R32

Indoor Unit	Outdoor Unit	Cooling Capacity (kW) Min - Rated - Max	Heating Capacity (kW) Min - Rated - Max
 UBN24R	 UU24WR	2.8 - 6.8 - 7.8	3.2 - 7.5 - 8.3
 UBN36R	 UU36WR	4.5 - 9.5 - 13.0	5.0 - 10.8 - 13.7

HIGH STATIC DUCTED

R410A

	Indoor Unit	Outdoor Unit	Cooling Capacity (kW) Min - Rated - Max	Heating Capacity (kW) Min - Rated - Max
B30AWY7G6	 B30AWYN7G6	 B30AWYU4G6	2.5 - 8.8 - 9.6	2.7 - 9.4 - 11.1
B36AWY7G6	 B36AWYN7G6	 B36AWYU3G6	3.2 - 10.5 - 13.0	3.4 - 13.0 - 13.7
B42AWY7G6	 B42AWYN7G6	 B42AWYU3G6	4.0 - 12.5 - 14.8	4.0 - 15 - 16.5
B55AWY7G6	 B55AWYN7G6	 B55AWYU3G6	4.8 - 15.0 - 15.8	4.8 - 17.0 - 18.0
B62AWY9L6	 B62AWYN9L6	 B62AWYU7L6	7.2 - 18.0 - 19.8	8.2 - 20.6 - 22.7
B70AWY9L6	 B70AWYN9L6	 B70AWYU7L6	8.0 - 20.0 - 22.0	9.0 - 22.6 - 24.9

SLIM DUCTED

R32

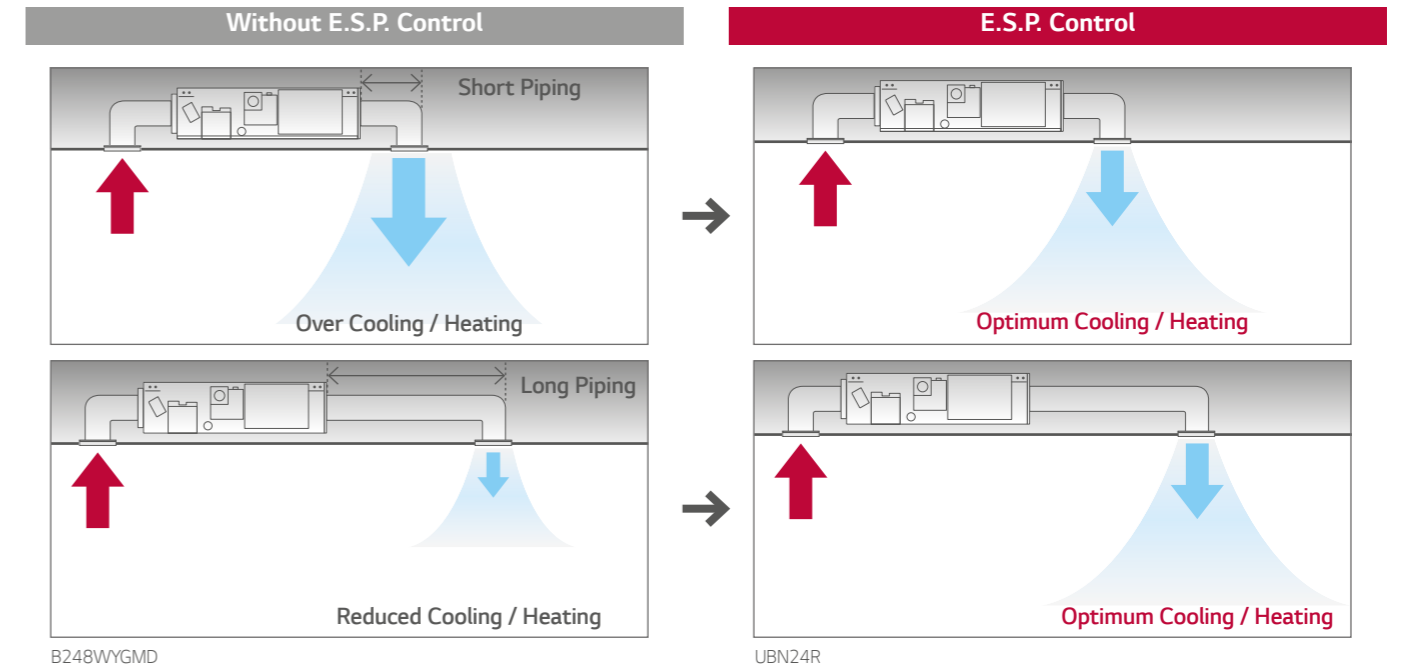


KEY FEATURES

SLIM DUCTED

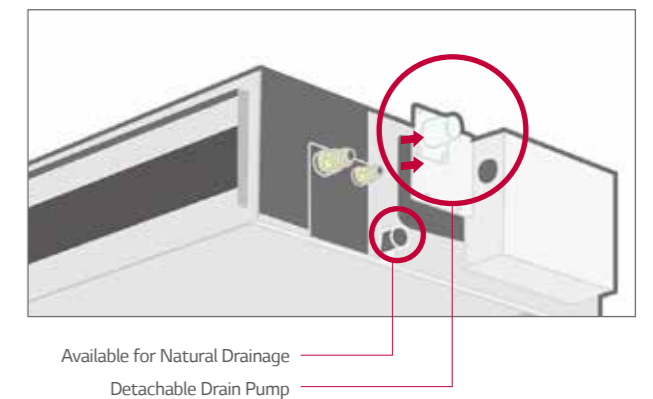
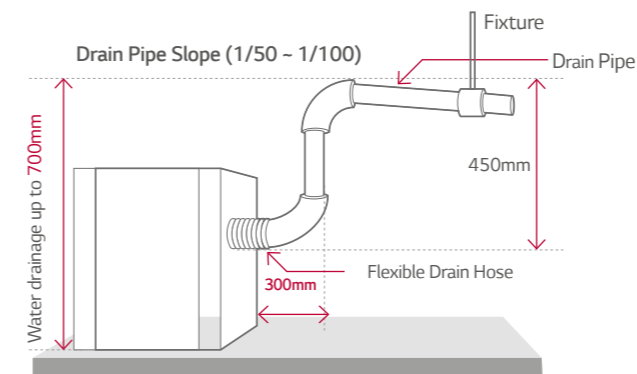
E.S.P. (External Static Pressure) Control

This function easily controls volume of the air with a remote controller. The BLDC motor can control fan speed and air volume regardless of the external static pressure. Additional accessories are not required to control air flow.



High Head Drain Pump

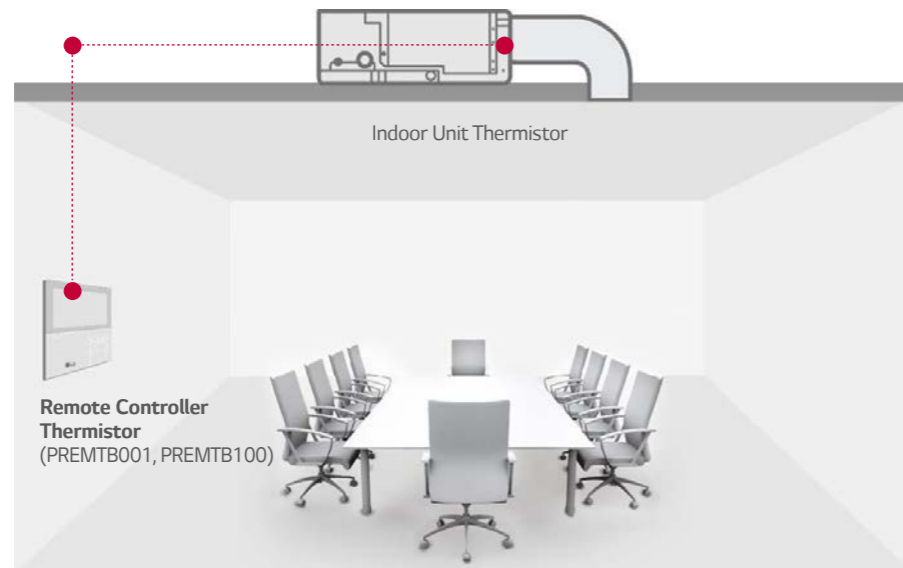
High head drain pump automatically drains water up to a height of 700mm of drain-head height. It provides the perfect solution for draining of water. (Optional Accessory (ABDPG))



SLIM DUCTED

Two Thermistors Control

The indoor temperature can be checked using the thermistors in the remote controller as well as from the indoor unit. There may be a significant difference between ceiling and floor air temperature. Two thermistors can help optimise indoor air temperature for a more comfortable environment.

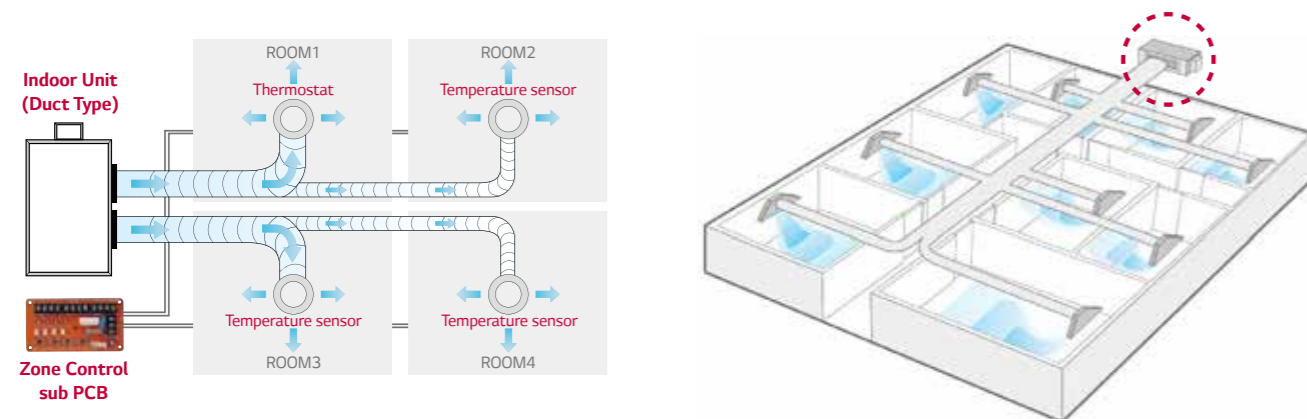


Operation for Multiple Rooms

Using a spiral duct (Embedded or flexible type) and stream chamber, it is possible to operate cooling / heating for several rooms simultaneously. Also, zone control is available with zone controller accessory (ABZCA)

Zone control features

- Controls different zones (up to 4 zones) by external thermostat (AC a24V)
- Maintain proper air volume of each zone
- Auto variation of dampers
- Auto control of fan speed and On / Off operation

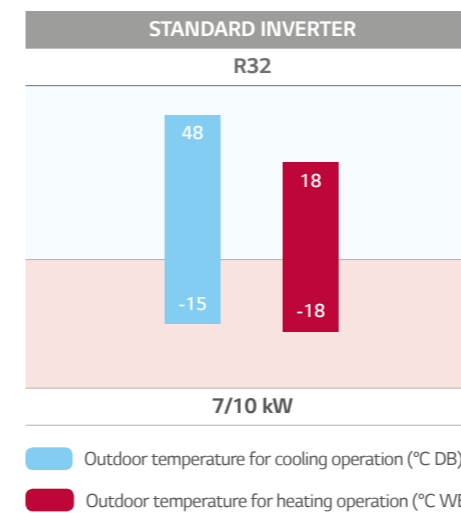


Minimised Height

Slim ducts provide ideal solution for installation in limited space.

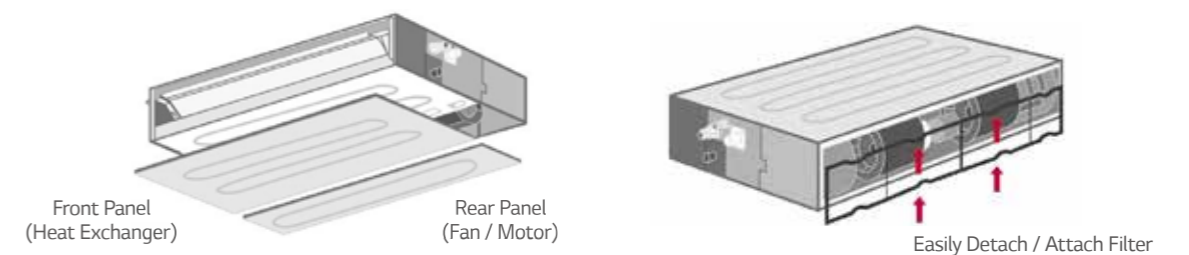


Wide Operation Range



Easy Service & Maintenance

Installers are not required to disassemble the whole panel for maintenance; as panel is divided into 2 components; one for heat exchanger and the other for fan/motor. The installer can easily detach and re-attach the filter in the available limited space.



SPECIFICATIONS

SLIM DUCTED

UBN24R/UU24WR

UBN36R/UU36WR



Indoor Unit		Unit		UBN24R	UBN36R
Outdoor Unit				UU24WR	UU36WR
Rated Capacity	Cooling	kW		6.80	9.50
	Heating	kW		7.50	10.80
Capacity Range	Cooling	Min - Max	kW	2.8 - 7.8	4.5 - 13.0
	Heating	Min - Max	kW	3.2 - 8.3	5.0 - 13.7
Rated Power Input	Cooling	kW		2.08	2.43
	Heating	kW		2.21	2.85
AEER / ACOP	Cooling / Heating	-		3.254 / 3.377	3.829 / 3.723
EER / COP	Cooling / Heating	-		3.277 / 3.400	3.909 / 3.789
Rated Current	Cooling / Heating	A		9.00 / 9.80	10.6 / 12.4
Max. Current (Full Load Amps)	Indoor Unit		A	1.6	2.3
	Set		A	17	28
Air Flow Rate	Min - Max		L/s	170 - 396	343 - 643
External Static Pressure			Pa	25 - 150	40 - 150
Indoor	Sound Level at 1.5m	H / M / L	Pressure dB(A)	35 / 34 / 32	36 / 34 / 33
	Dimensions	W x H x D	mm	900 x 270 x 700	1,250 x 270 x 700
	Weight			24.2	38.5
Outdoor	Sound Level at 1.5m	Cooling / Heating	Pressure dB(A)	48 / 52	52 / 54
	Sound Power Level			67	66
	Dimensions	W x H x D	mm	950 x 834 x 330	950 x 1,380 x 330
	Weight			56.1	87.5
Power Supply			V / Phase / Hz	220-240, 1, 50	220-240, 1, 50
Circuit Breaker			A	25	40
Compressor Type			-	Twin Rotary	LG Inverter Scroll
Refrigerant	Type / Weight			R32 / 1.6kg	R32 / 3.0kg
	Precharged Length			7.5	7.5
Pipe Sizes	Liquid	mm/inch		Ø 9.52 (3/8)	Ø 9.52 (3/8)
	Gas	mm/inch		Ø 15.88 (5/8)	Ø 15.88 (5/8)
	Drain OD / ID	mm		Ø 32 / 25	Ø 32 / 25
Pipe Length	Min / Max	m		5 / 50	5 / 85
Max. Height Difference	ODU - IDU	m		30	30
Supply Air Opening	H x W, Flange	mm		200 x 857	200 x 1,206
Return Air Opening	H x W, Flange	mm		231x 850	230x 1,205
Continuous Operating Range	Cooling	°C DB		- 15 - 48	- 15 - 48
	Heating	°C WB		- 18 - 18	- 18 - 18
Demand Response			-	X	X
Wi-Fi Compatible			-	✓	✓

Note : 1. Specifications are correct at the time of printing and may be changed without notice.
 2. Capacities are based on the following conditions
 Cooling : - Indoor Temperature 27°C DB / 19°C WB - Outdoor Temperature 35°C DB / 24°C WB
 Heating : - Indoor Temperature 20°C DB - Outdoor Temperature 7°C DB / 6°C WB

3. This product contains fluorinated greenhouse gases (R32)
 4. Dongle required for Wi-Fi Connectivity. Internet connection required.

HIGH STATIC DUCTED

R410A

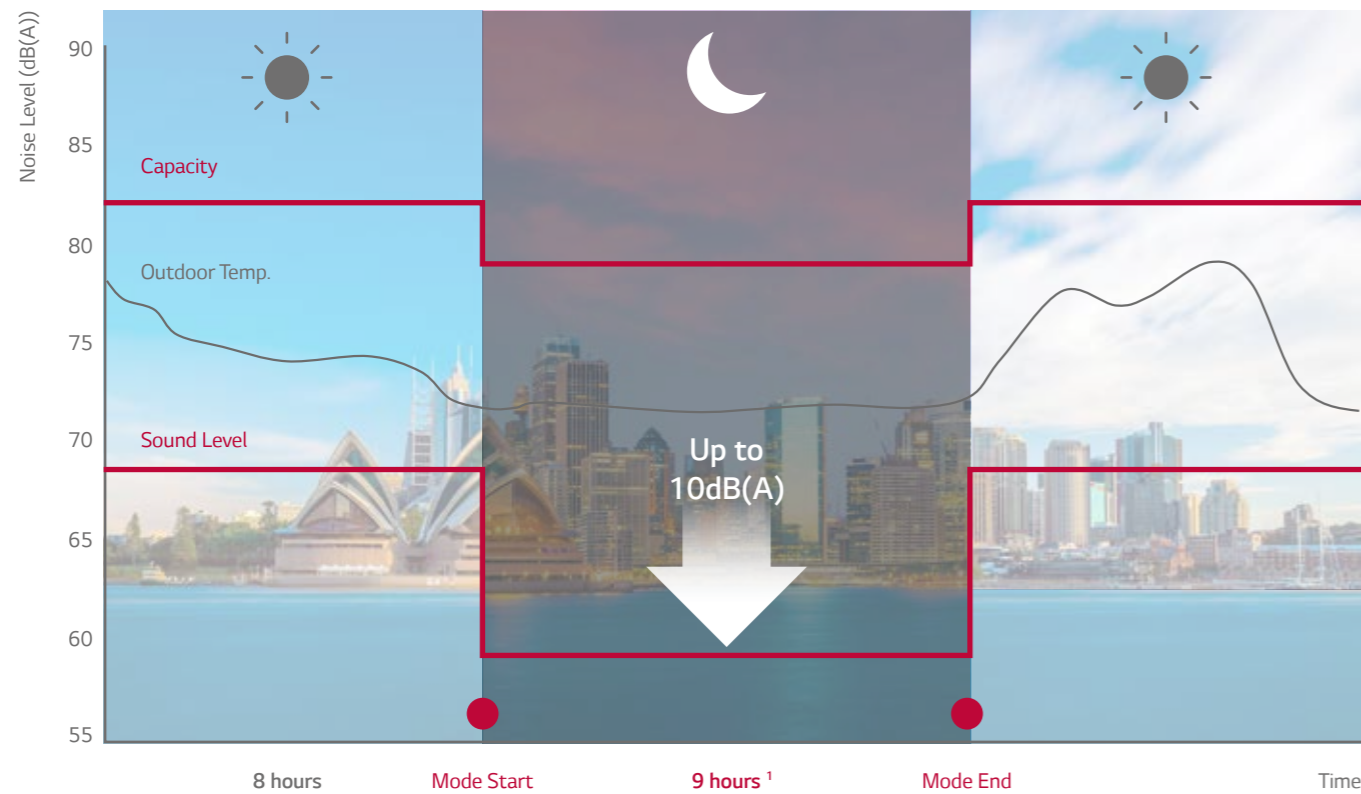


KEY FEATURES

COMFORT & DESIGN

Quiet Mode

Quiet Mode can help reduce noise levels at night time by setting the dip switch on the PCB of the outdoor unit*.



*Based on cooling operation. When the technician sets to low noise operation, the cooling capacity may be decreased. The value of noise level is based on 15kW model.

Compact Indoor Unit

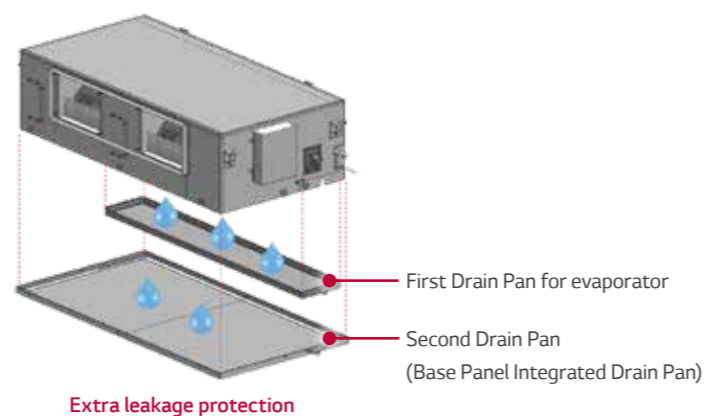
The premium ducted split system has a small chassis. This small split type of indoor unit helps make it easy to install in narrow and small spaces*.



* Image not to scale. For illustrative purposes only. Consult air conditioning installer for installation options.

Double Drain Pan

To help prevent damage caused by accidental leakage or blocked drain, the indoor unit has an integrated safety tray.

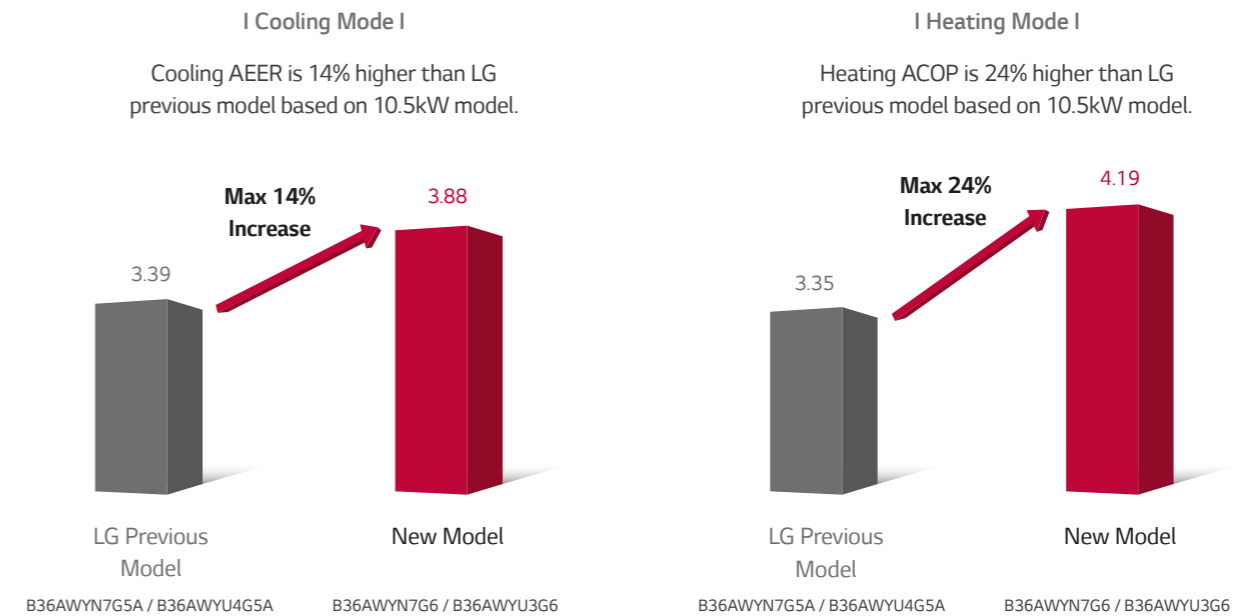


KEY FEATURES

ENERGY EFFICIENCY

Efficiency Comparison

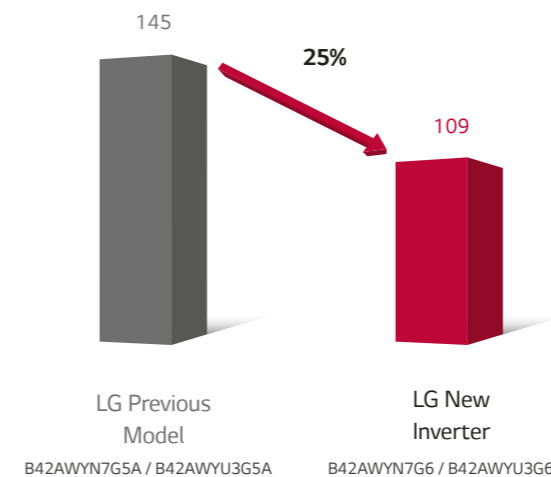
The energy efficiency increase vs previous LG models (10.5kw), helps to lower operating costs. (Cooling AEER 14%↑ and Heating ACOP 24%↑)



Cooling - Operation Efficiency

The latest Inverter technology from LG helps to lower cooling costs in summer.

LG Previous Model vs. LG New Inverter | Operation cost (\$ / Cooling Season)

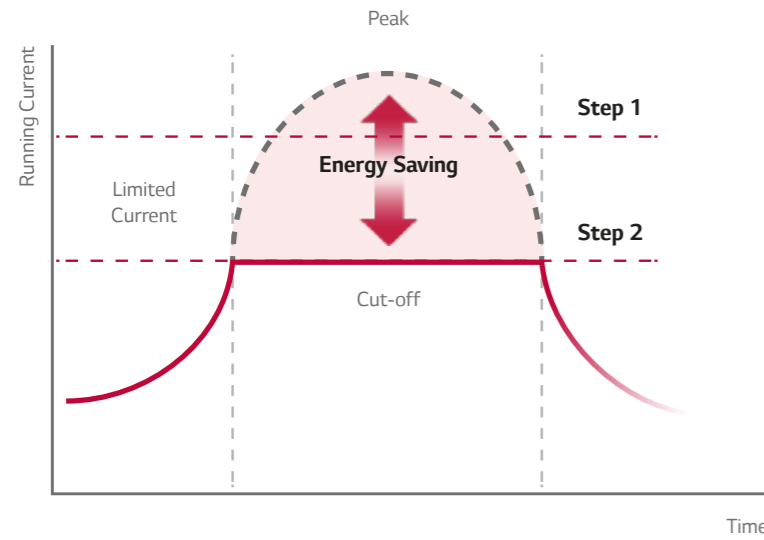


- ※ Cooling Season energy simulation condition:
- 1) Model : Inverter B42AWYN7G5A / B42AWYU3G5A, Inverter B42AWYN7G6 / B42AWYU3G6
 - 2) Location : Australia, Sydney
 - 3) Cooling load : 12.5 kW
 - 4) Operation time : 12pm – 9pm / Nov. – Feb.
 - 5) Setting Temperature : AEER 3.80
 - 6) Electric rate : 0.25 AUS\$/kWh (for Residential)
 - 7) Simulated by LG Energy Estimate Program

TECHNOLOGY

Peak Current Control

Through the peak current control technology, it can help save energy and operating costs. By limiting the maximum running current, the air conditioner can avoid running on the peak current level.



I How to set dip switch I

- Full Load Consumption : 4.6 kW
- Max. power Consumption : 3.6 kW

Step 1

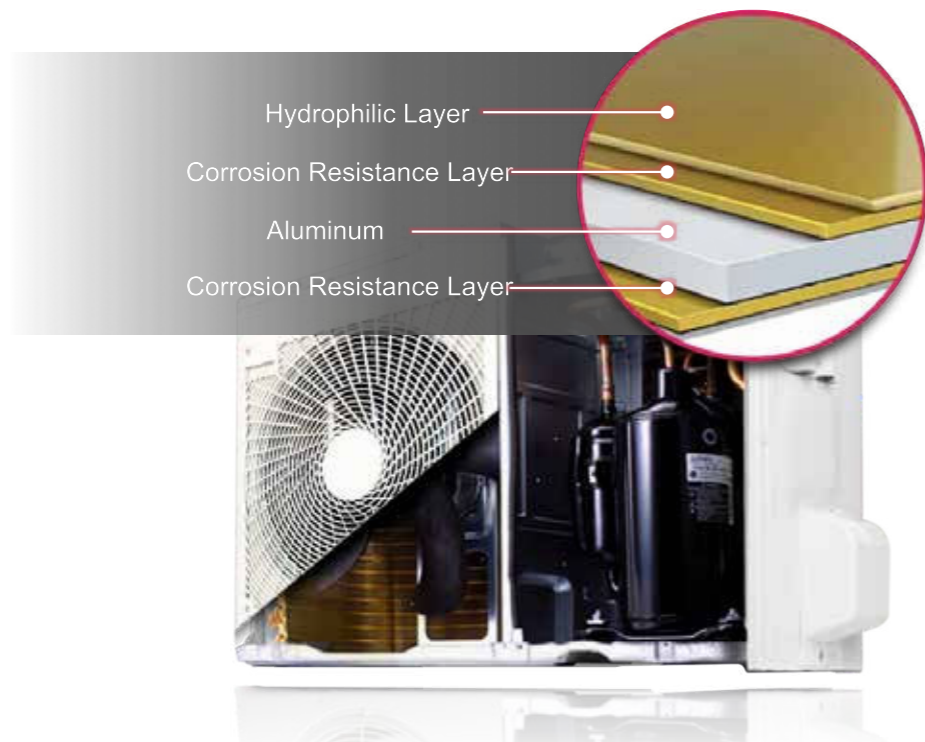
- Max. power Consumption : 3.1 kW

Step 2

• Based on 15 kW model

GoldFin™

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



Smart Diagnosis*

Technicians can monitor the status of your air conditioner and diagnose problems by connecting it to a smartphone via a SIMs chip*.



*SIMs Module optional (technician only option).

SIM app:

1. Use a SIM's chip to connect a smartphone to an air-conditioner.
2. Monitor & diagnose in real time using the SIM app.

Detection of Refrigerant Change

The refrigerant levels are periodically monitored. If the amount of refrigerant drops to 60%, an alert will be sounded and the unit will stop operating.



SPECIFICATIONS

HIGH STATIC DUCTED

B30AWY7G6

B42AWY7G6

B36AWY7G6

B55AWY7G6



Model	Unit		B30AWY7G6	B36AWY7G6	B42AWY7G6	B55AWY7G6
Rated Capacity	Cooling	kW	8.8	10.5	12.5	15
	Heating	kW	9.4	13	15	17
Capacity Range	Cooling	Min - Max kW	2.5 - 9.6	3.2 - 13	4.0 - 14.8	4.8 - 15.8
	Heating	Min - Max kW	2.7 - 11.1	3.4 - 13.7	4.0 - 16.5	4.8 - 18.0
Rated Power Input	Cooling	kW	2.58	2.75	3.35	4.6
	Heating	kW	2.32	3.1	3.8	4.68
AEER / ACOP	Cooling / Heating	-	3.39 / 4.0	3.79 / 4.1	3.71 / 3.93	3.25 / 3.62
EER / COP	Cooling / Heating	-	3.41 / 4.05	3.82 / 4.19	3.73 / 3.95	3.26 / 3.63
Rated Current	Cooling / Heating	A	11.4 / 10.3	12.2 / 13.8	14.9 / 16.9	20.4 / 20.8
Max. Current (Full Load Amps)		A	17	29	29	29
Air Flow Rate	Min - Max	L/s	132 - 771	148 - 721	196 - 1030	143 - 1148
External Static Pressure	Min - Max	Pa	78 - 167	98 - 196	69 - 196	59 - 196
Indoor	Sound Level at 1.5m	H / M / L Pressure dB(A)	41 / 40 / 39	43 / 41 / 40	44 / 42 / 41	45 / 44 / 42
	Dimensions	W x H x D mm	1,320 x 400 x 534	1,320 x 400 x 534	1,320 x 400 x 534	1,320 x 400 x 534
	Weight	kg	48	48	52	52
Outdoor	Sound Level at 1m	Cooling / Heating Pressure dB(A)	51 / 52	53 / 54	53 / 54	54 / 56
	Sound Power Level	dB(A)	64	65	66	68
	Dimensions	W x H x D mm	950 x 834 x 330	1030 x 1,380 x 330	1030 x 1,380 x 330	1030 x 1,380 x 330
	Weight	kg	58.5	87.5	87.5	87.5
Power Supply		V / Phase / Hz	220-240, 1, 50	220-240, 1, 50	220-240, 1, 50	220-240, 1, 50
Circuit Breaker		A	25	40	40	40
Compressor Type		-	Inverter Twin Rotary	Inverter Scroll	Inverter Scroll	Inverter Scroll
Refrigerant	Type	-	R410A	R410A	R410A	R410A
	Precharged Length	m	10	20	20	20
Pipe Sizes	Liquid	mm/inch	Ø 9.52 (3/8)	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)	Ø 15.88 (5/8)
	Drain OD / ID	mm	Ø 32 / 25	Ø 32 / 25	Ø 32 / 25	Ø 32 / 25
Max. Piping Length		m	30	75	75	75
Max. Height Difference	ODU - IDU	m	30	30	30	30
Supply Air Opening	H x W, Flange	mm	287 x 840	287 x 840	287 x 840	287 x 840
Return Air Opening	Oval	mm	317 x 1,172	317 x 1,172	317 x 1,172	317 x 1,172
Continuous Operating Range	Cooling	°C DB	-15 - 48	-15 - 48	-15 - 48	-15 - 48
	Heating	°C WB	-18 - 18	-18 - 18	-18 - 18	-18 - 18
Demand Response		-	Capable	Capable	Capable	Capable
Wi-Fi Compatible		-	✓	✓	✓	✓

Note : 1. Specifications are correct at the time of printing and may be changed without notice.

2. Capacities are based on the following conditions

Cooling : - Indoor Temperature 27°C DB / 19°C WB - Outdoor Temperature 35°C DB / 24°C WB
 Heating : - Indoor Temperature 20°C DB - Outdoor Temperature 7°C DB / 6°C WB

3. This product contains fluorinated greenhouse gases (R32)

SPECIFICATIONS

HIGH STATIC DUCTED

B62AWY9L6

B70AWY9L6



Model	Unit		B62AWY9L6	B70AWY9L6
Rated Capacity	Cooling	kW	18.0	20.0
	Heating	kW	20.6	22.6
Capacity Range	Cooling	Min - Max kW	7.2 - 19.8	8.0 - 22.0
	Heating	Min - Max kW	8.2 - 22.7	9.0 - 24.9
Rated Power Input	Cooling	kW	5.47	6.47
	Heating	kW	5.49	6.19
EER / COP	Cooling / Heating	-	3.29 / 3.75	3.09 / 3.65
Rated Current	Cooling / Heating	A	9.3 / 9.6	10.9 / 10.5
Air Flow Rate	Min - Max	L/s	550 - 1600	550 - 1600
Indoor	Sound Level at 1.5m	H / M / L Pressure dB(A)	43 / 41 / 40	43 / 41 / 40
	Dimensions	W x H x D mm	1,563 x 458 x 791	1,563 x 458 x 791
	Weight	kg	89	89
Outdoor	Sound Level at 1m	Cooling / Heating Pressure dB(A)	59 / 60	59 / 60
	Sound Power Level	dB(A)	71	71
	Dimensions	W x H x D mm	1,090 x 1,625 x 380	1,090 x 1,625 x 380
	Weight	kg	144	144
Rated Power Input	Indoor	V / Phase / Hz	220-240, 1, 50	220-240, 1, 50
	Outdoor	V / Phase / Hz	380-415, 3, 50	380-415, 3, 50
Circuit Breaker		A	30	30
Compressor Type		-	Hermetically Sealed Scroll	Hermetically Sealed Scroll
Refrigerant	Type / Weight	-	R410A / 5.5kg	R410A / 5.5kg
	Precharged Length	m	15	15
Pipe Sizes	Liquid	mm/inch	Ø 12.7 (1/2)	Ø 12.7 (1/2)
	Gas	mm/inch	Ø 22.8 (7/8)	Ø 22.8 (7/8)
	Drain OD / ID	mm	Ø 32 / 25	Ø 32 / 25
Max. Piping Length		m	75	75
Max. Height Difference	ODU - IDU	m	30	30
Supply Air Opening	H x W, Flange	mm	286 x 1,044	286 x 1,044
Return Air Opening	Oval	mm	392 x 1,368	392 x 1,368
Continuous Operating Range	Cooling	°C DB	-20 - 48	-20 - 48
	Heating	°C WB	-18 - 18	-18 - 18
ESP	Min - Max	-	60 - 220	60 - 220
Wi-Fi Compatible		-	✓	✓

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2. Capacities are based on the following conditions

Cooling : - Indoor Temperature 27°C DB / 19°C WB - Outdoor Temperature 35°C DB / 24°C WB
 Heating : - Indoor Temperature 20°C DB - Outdoor Temperature 7°C DB / 6°C WB

3. This product contains fluorinated greenhouse gases (R32)

CONTROLLERS & ACCESSORIES



STANDARD CONTROLLER



The standard controller is compact and easy to use. This controller allows you to control up to 4 zones in your home.

- Set up to 4 zones
- 4.3 inch mono display
- Time display
- Room temperature display
- Operation - On/Off
- Fan speed – Low/Med/High/Auto
- Self diagnosis function
- Auto restart on power failure
- Sleep mode
- Child lock
- Filter clean information
- Weekly timer

PREMIUM CONTROLLER



The Premium Remote Controller is designed to suit even the most stylish interiors. The easy to use touchscreen panel with backlit LCD allows you to control the temperature with simplicity, and allows you to control up to 8 zones.

- Set up to 8 zones
- 5 inch colour display
- Touch screen
- Time display
- Room temperature display
- Operation - On/Off
- Mode - Auto/Cool/Dry/Heat/Fan
- Occupied cooling and heating temperature setpoints
- Unoccupied cooling and heating temperature setpoints
- Fan speed – Low/Med/High/Auto
- Self diagnosis function
- Auto restart on power failure
- Sleep mode
- Child lock
- Energy monitor
- Filter clean information
- Weekly, yearly and holiday timer

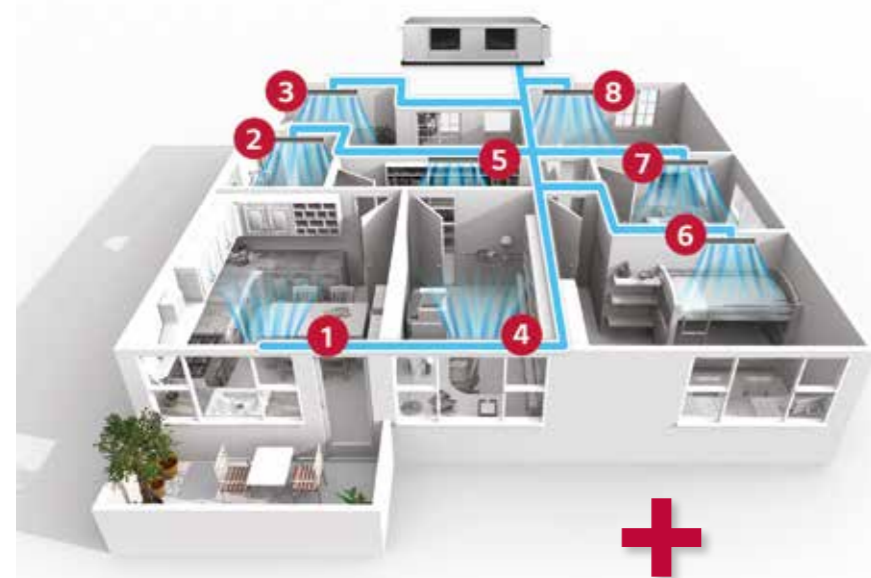
CONTROLLERS

Category		Standard PREMTB001	Premium PREMTA000
Size (mm, W x H x D)		121 x 120 x 15	137 x 121 x 16.5
Basic Control	On/Off, Fan Speed	•	•
	Desired Temperature	•	•
	Operation Mode	•	•
Reservation	Simple On/Off	•	•
	Sleep	•	•
	ON Time	•	•
	OFF Time	•	•
	Weekly	•	•
	Yearly	•	•
	Holiday	•	•
Energy Monitor			•
Time Limit Control			•
Child Lock / All Lock		•	•
Time Display		•	•
Electric Failure Compensation		• (3 hours)	• (50 hours)
Wireless R/C IR Receiver		•	•

*Controllers sold separately.

Zone Control

Control up to 8 zones with the premium controller and indicate a zone name such as Living Room, Kitchen etc. There are 18 names to choose from. Only available on high static range.



Control up to 8 zones with the LG Premium Controller

ACCESSORIES

INTERFACE DEVICE

Control Method	Objective/Use	Unit Name and Model	Function	Parts	Features
PI485 PMNFP14A1	To connect Outdoor unit to CNU or Simple Central Controller		<ul style="list-style-type: none"> • RS485 Converter with software • For Max.16 Indoor 	<ul style="list-style-type: none"> • PCB Assembly • Bracket • Lead wire: 3ea • Screw 4EA • Tie wrap • Clamp • Manual 	• 1set/1 Outdoor
Dry Contact PDRYCB100	For connect Indoor unit to other Forced on/off Controller		<ul style="list-style-type: none"> • RS485 Converter with software 	<ul style="list-style-type: none"> • PCB Assembly • Top case • Bottom case • Screw • Lead wire 3 • Sub PCB set (1 leadwire + 1 sub PCB) • Manual 	• 1set/1 Indoor unit
Dry Contact PDRYCB400	For connect Indoor unit to other Forced on/off Controller		<ul style="list-style-type: none"> • Contact signal to air-con signal converter 	<ul style="list-style-type: none"> • PCB Assembly • Top/Bottom case • Screw • Lead wire 3ea • Sub PCB set (1 leadwire + 1 sub PCB) • Manual 	<ul style="list-style-type: none"> • 1set/1 indoor unit • 2 Contact points • No need AC input • Expected temperature setting is possible

*Dred/Dry contact.

OPTIONAL ACCESSORIES*

	Model	Description	Applicable Model
Common	PREMTB001	Standard Wired Wall Controller	All 1 to 1 ducted model
	PREMTB100	Deluxe Wired Wall Controller	
	PREMTA000	Premium Controller	
	PQWRHQ0FDB	Wireless Remote Control	
	PWFMDD200	WiFi Dongle + 1.1m Cable	
	PWYREW000	10m Cable	
Damper Controller	ABZCA	4 Damper Controller	Slim ducted
	PBZC80	8 Damper Controller (240V)	High static (8.8kw - 15kw)*
	PBZD80	8 Damper Controller (24V with RJ12)	
Drain Pump	ABDPG	Drain Pump for Slim ducted (UBN series)	Slim ducted
	ABDP7	Drain Pump Kit	High static (8.8kW - 15kW)
	PBDP9	Drain Pump Kit	High static (18kW - 20kW)

*Refer to each model PDB for application accessories. Optional accessories sold separately. Only for B30, B36, B42, B55. Not applicable for slim duct or B62, B70.



For more information visit
lg.com/au/ducted-air-conditioning

*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.