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Warranty Brief

- All LG Electronics Air Conditioning Units are covered by a 5-Year Parts and Labour Warranty when used in Residential Applications. Commercial Applications attract a 2-Year Parts and Labour Warranty.*
 - Air Conditioning units carry an on-site warranty.*
- *Further conditions apply, see the Warranty Card for further information.



LG Electronics Changwon Facility Achieved ISO9001 Certification Under Series 9000 of International Standard Organization(ISO) Based on Quality Systems For Design & Manufacture of Air Conditioners, Hermetic Refrigeration Compressors.

Due to LG's policy of continuous improvement and innovation, some specifications may change without notice. Please check with your retailer / AC specialist prior to purchase.
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Disclaimer

The descriptions and specifications in this brochure are relevant as at the date of publication. In the interest of product development, LG Electronics reserves the right to carry out alterations and improvements to products and specifications. Future releases of products, accessories and parts for them may differ from, and may not be compatible with current versions. As it may be difficult to determine the exact nature of a product from its depiction in this brochure. LG Electronics strongly recommends that you confirm with your retailer that the product shown or described in this brochure meets your requirements before you purchase the product.


AUS-DU1311

With
LG HVAC,
It's all
Possible



LG AIR CONDITIONERS 2014 Ducted Split System

Vitalizing You & Your Environment



Enjoy Clean, Quiet, and Comfortable
Air Conditioning with LG


Making you and your environment more comfortable

LG has a comprehensive range of air conditioning solutions designed to suit a wide range of buildings or spaces.

Ducted Split System

LG has a range of ducted air conditioners to suit with most type of home or office.

Model Line-up

Ducted Split System (Mid Static)		Model Name	Capacity(kW)
INVERTER		Indoor _B24AWYNGMH	Rated Cooling: 7.1
		Outdoor_B24AWYUGMH	Heating: 8.0

Ducted Split System (High Static)		Model Name	Capacity(kW)
INVERTER		Indoor _B30AWYN7G5	Rated Cooling: 8.8
		Outdoor_B30AWYU4G5	Heating: 9.2
		Indoor _B36AWYN7G5	Cooling: 9.9
		Outdoor_B36AWYU4G5	Heating: 11.0
		Indoor _B42AWYN7G5	Cooling: 12.3
		Outdoor_B42AWYU3G5	Heating: 14.1
		Indoor _B55AWYN7G5	Cooling: 15.0
		Outdoor_B55AWYU3G5	Heating: 17.1
			Rated
		Indoor _B70AWYN985	Cooling: 20.0
		Outdoor_B70AWYUX85	Heating: 22.4

Outdoor Unit



Energy Efficiency

LG's advanced inverter technology reduces energy consumption and improves running costs.



User Friendly Control

LG's air conditioning solution allows users to take advantage of a hassle-free, intuitive management system via the controller



Easy Installation & Maintenance

The built-in evaporator safety tray makes the product much easier to install and maintain. Must be installed by a licensed installer.



High Reliability & Comfort

LG's latest technological innovations ensure greater overall system reliability as well as convenient benefits such as quick, stable cooling and a wider operation range than conventional systems.



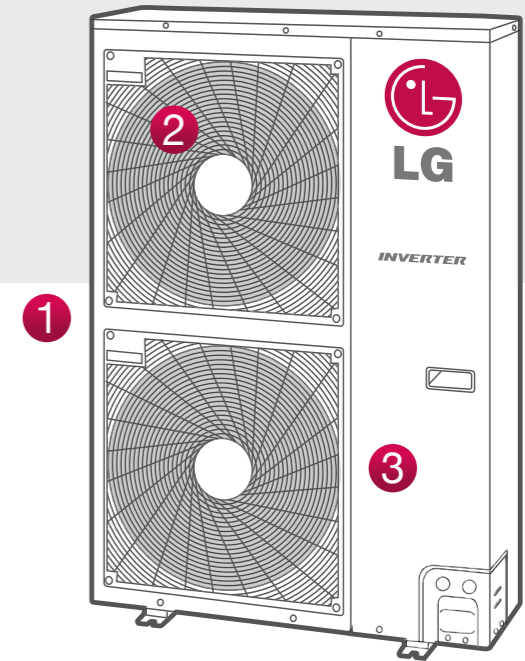
Smart Application

Easily access and control your Air Conditioner from your smart phone.
* Wireless home network required

Energy Efficient

The revolutionary inverter technology of LG boasts powerful yet quiet performance while minimizing energy consumption.

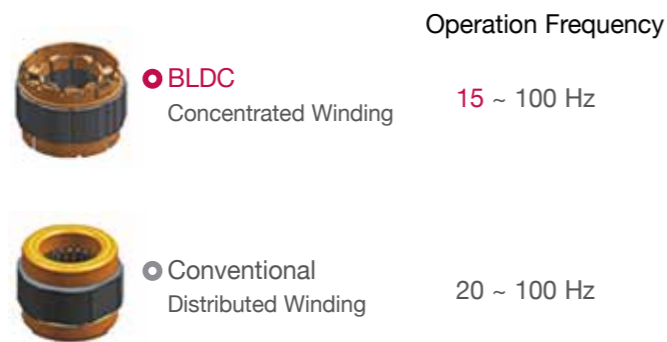
Energy Efficient



- ① Heat Exchanger
- ② BLDC Fan Motor Technology
- ③ Powerful BLDC Compressor

Powerful BLDC Compressor

LG air conditioner comes with a BLDC compressor that uses a strong neodymium magnet. Its compressor thus has improved efficiency compared with conventional AC inverters. Operation range has been expanded.



BLDC Fan Motor Technology

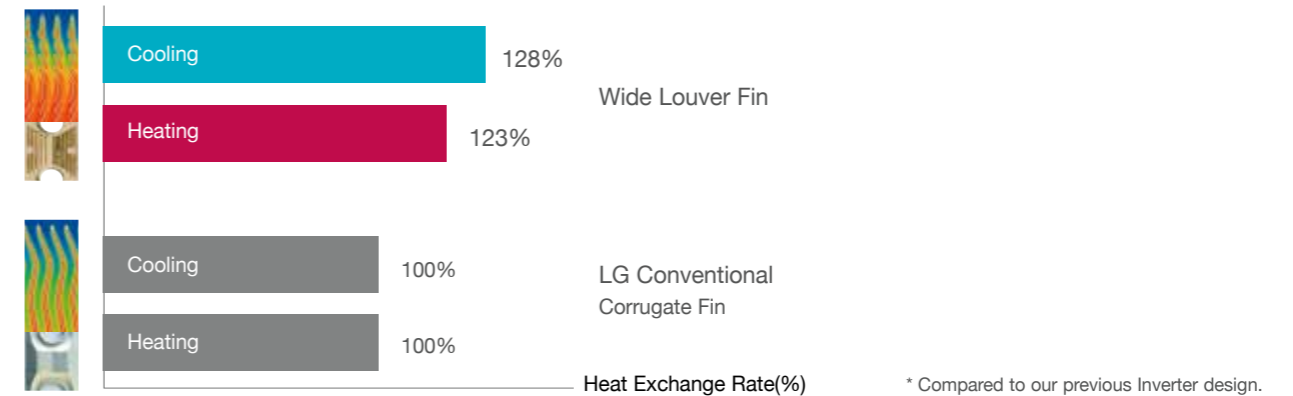
The LG BLDC fan motor offers additional efficiency in operating mode up to 40% at low speed, 20% at high speed compared to a LG AC motor



BLDC Fan Motor

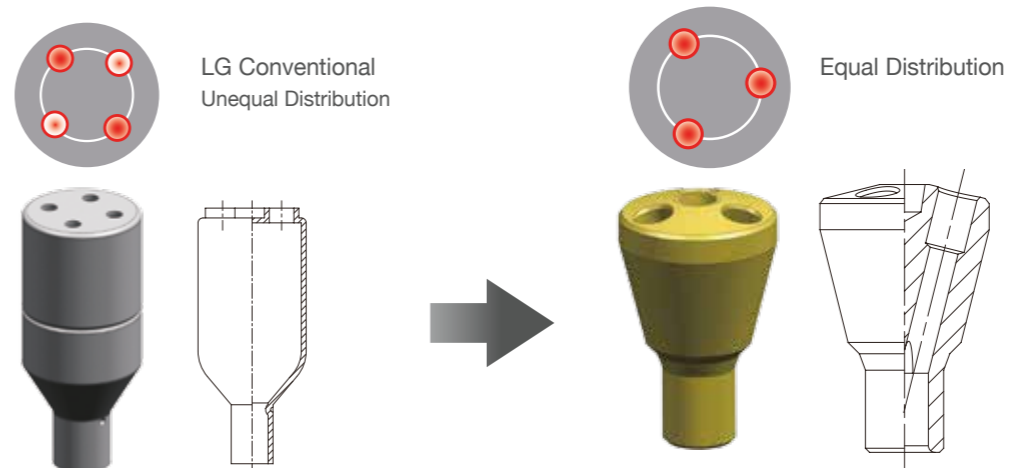
Heat Exchanger with Wide Louver Fin

Improved heat exchanger efficiency up to *28%, applying Multi V technology.



Optimised Heat Exchanger Path

Improved Refrigerant cycle efficiency up to 5% with equal distribution.



User Friendly Wall Controller

Two optional wall controllers are available:
1. Deluxe Wall Controller 2. Standard wall Controller

Deluxe Wall Controller (optional)

LG's Deluxe Backlit Wall Controller is designed to suit even the most stylish interior. The touchscreen panel allows you to control the room's temperature with simplicity and style. In homes with large floor areas, you can also have dual controls and can control up to 8 zone settings.

LCD backlit display

Enables you to easily see the control settings. The larger display allows you to program settings by simply touching the controller display.

8 Zone Control

The new controller allows you to control up to eight different areas of your home. One touch of each zone will turn it Off or On.

*PBZC80 damper control is required



Touch Screen Panel

Program the controller to your desired comfort level with a touch of your finger. The new child lock setting prevents the settings from being tampered with.

PDRUCDC0 not available for B24 model.

Standard (WIDE) Wall Controller (optional)

The operator can set the timing function of the air conditioner for a period of one week.



PQRVSLQW

LCD backlit display



Enables you to easily see the control settings.

Weekly Program

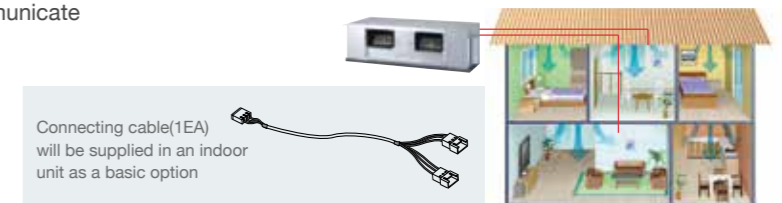
The operator can set the timer and program the air conditioner for a period of one week.

Child Lock Function

This function prevents little hands from tampering with the control buttons on the unit. All the buttons on the indoor display panel will be blocked.

Dual Wall Control (option)

Allows you to control the unit from different locations in the home. You can install up to two controllers which communicate with each other to replicate your chosen settings.



Connecting cable(1EA) will be supplied in an indoor unit as a basic option

Group Control

This enables the control of up to 16 ducted air conditioners with one control device simultaneously. A connecting line is linked to each of the indoor units to enable communication.

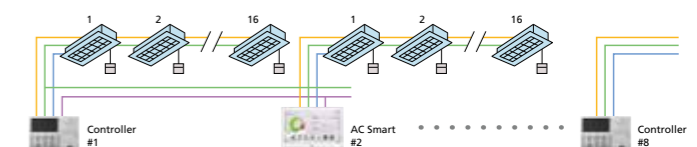
*Requires PZCWRCG3 for each indoor unit

Dual Thermistor Control

Dual thermistor control provides the option to control temperature by referring to either of the dual temperature sensors. With the help of the slide switch at the back of the LCD wired remote controller, selection of the desired thermistor for controlling the unit can be achieved. One thermistor is in the Indoor unit & the other one is in the LCD wired remote.

Central Controller (optional)

LG units come with advanced control options, such as a central controller, which is designed for commercial applications, where multiple units have been installed. Consult with your LG Sales Engineer for this and many other control options.

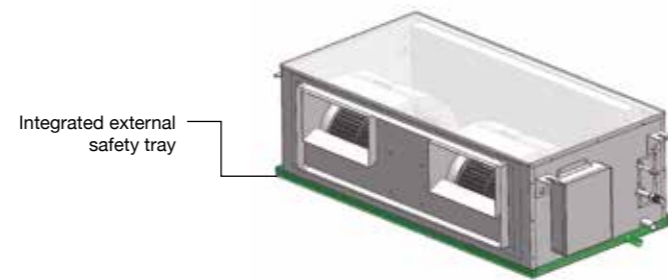


Easy Installation & Maintenance

Integrated Safety Tray

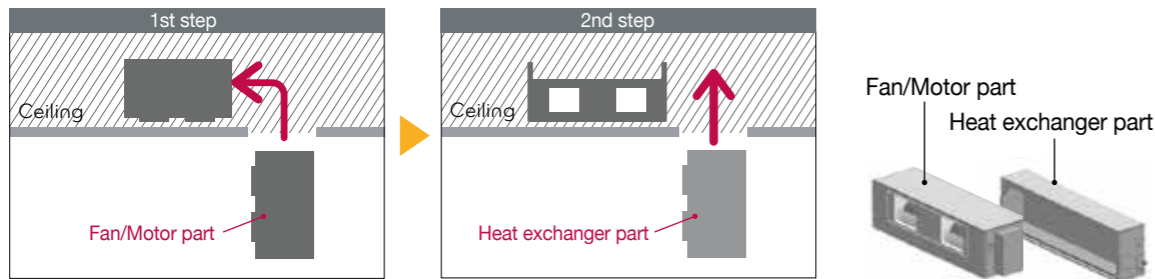
To prevent damage caused by accidental leakage or blocked drain, LG ducted air conditioners have an integrated safety tray.

* Not available in B24AWYNGMH



Split Type Indoor Unit

Fan/motor part assembly and heat exchanger assembly can be separated. This enables easy installation of the indoor unit in its final location in two parts and then reassembled.

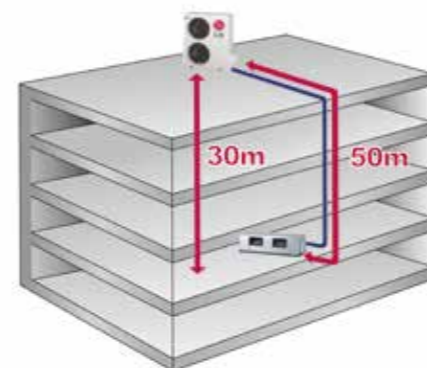


• This feature is ONLY available for B70 unit.

Long Distance, High Elevation Piping

Our LG concealed duct models can be installed over a long distance (Max 50m) and a High Elevation (30m), between indoor and outdoor units.

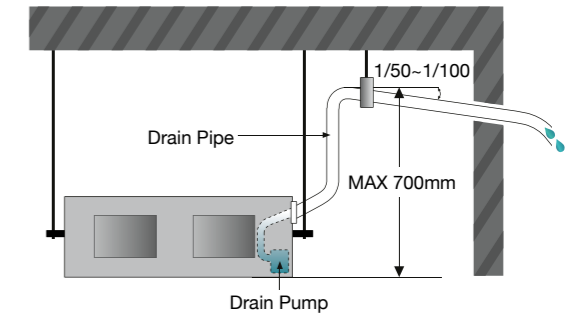
B70AWYN983: a long distance (Max. 100m) and a high elevation (30m)



Drain Pump (Option)

Auxiliary Drain Pump automatically drains water. A standard drain-head height of up to 800mm is possible, which helps create the ideal solution for water drainage.

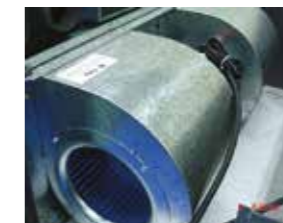
* 700mm: B70, B30-B55
Refer to each model PDB for the height.
* Drain Pump available as standard for B24 model, and an optional accessory for B30-B70.



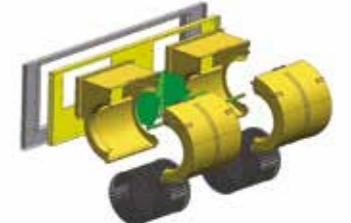
Easy Servicing

A lightweight polymer blower and housing makes air conditioning operation quieter and backup servicing more convenient. The fan housing can be easily dismantled for convenient servicing and maintenance.

* Not available in B70



Conventional

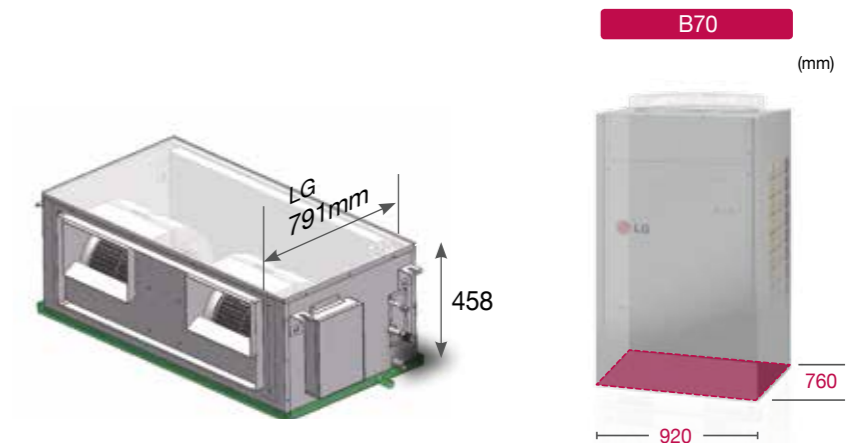


LG Fan and Housing

Compact Design

Compact IDU Size

Slim and Low height compact body could reduce problems during installation stage.



* For B70 indoor unit.

High Reliability & Comfort

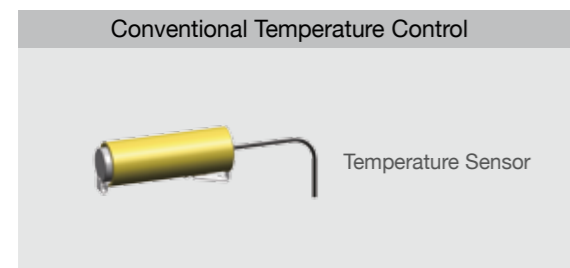


Quick Operation Response

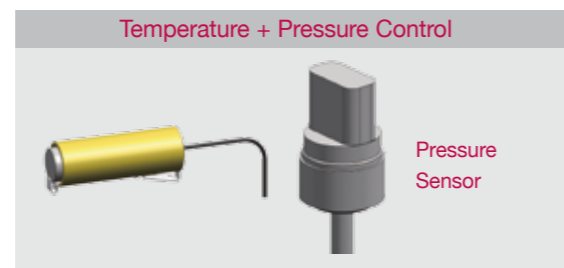
Wide Operation Range -10~48°C

Stable Operation Performance

High Reliability with Pressure Control



Calculate target pressure according to in/outdoor temperature, desired temperature and piping length.



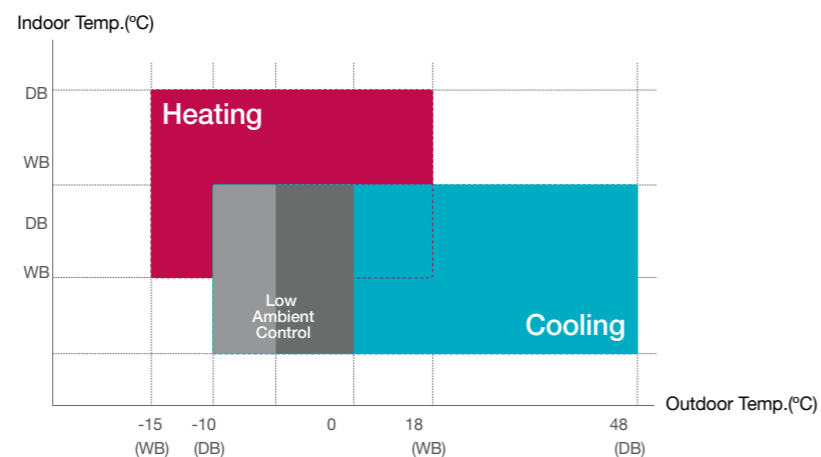
Sense and control pressure directly using a pressure sensor for faster and more exact response to load variation.

Quick Operating Response

Pressure controller takes less time to respond than the conventional temperature method, improving accuracy and stability of the refrigerant system.

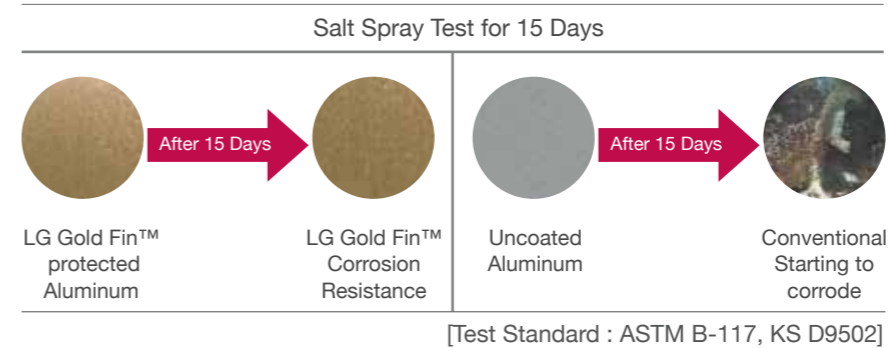
Wide Operating Range

- Wide Operation Range : Cooling -10~48°C



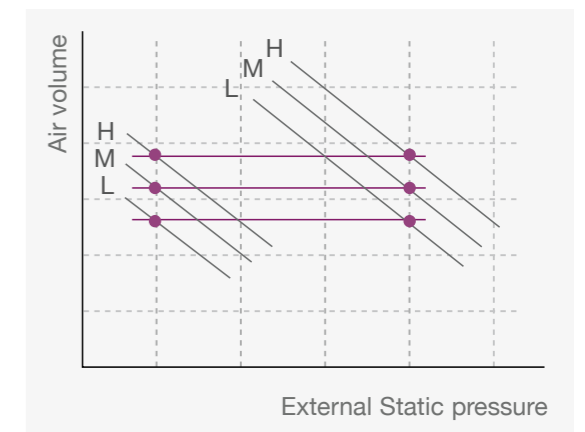
Durable Coating (GoldFin™)

GoldFin™ is an anti-corrosive treatment on the surface of the heat exchanger in the outdoor unit. The treatment is designed to protect air conditioners from pollution and corrosive conditions and assists in the durability and longevity of the unit. This technology is a great solution for harsh Australian outdoor conditions.



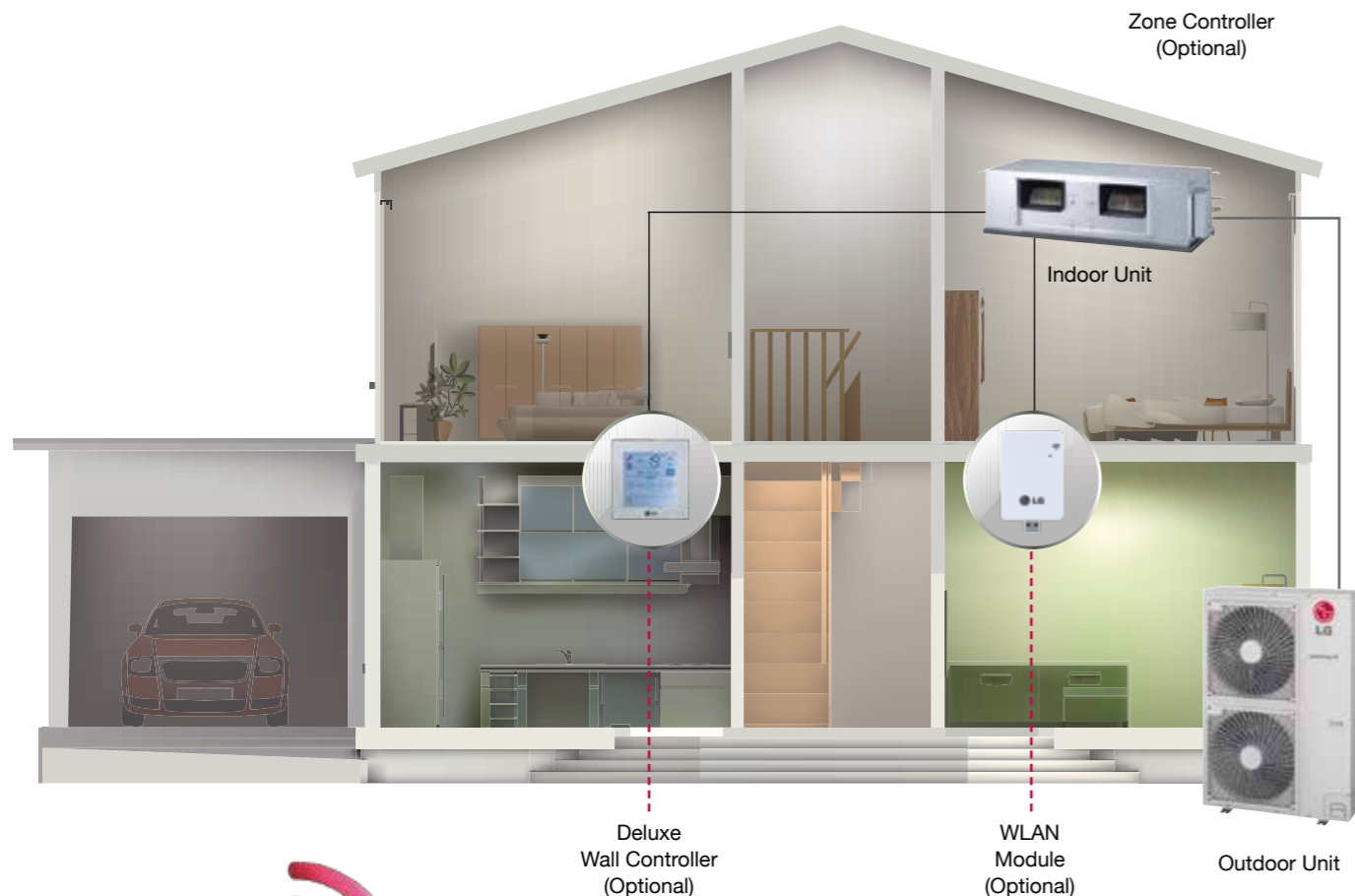
E.S.P Control (E.S.P: External Static Pressure)

Air volume can be optimized to reduce noise and meet with the system design utilizing E.S.P technology. This enables you to optimize duct work installation, by maintaining airflow and sound levels as required.



Smart Application (Optional)

The ducted split system can be controlled by your smart phone using the LG Smart AC app. You can control settings such as on-off, operation mode (cool, heat, auto and fan), set desired temperature and adjust fan speed with the purchase of the optional WLAN module.



Wi-Fi Smart Control

Power and temperature control from your smart phone
 LG Smart AC lets you easily access and control your air conditioner from your smartphone

Compatible Devices

- Android Phone (ver. 2.3 or Higher)
 - Apple iPhone (iOS6 or Higher)
- * Not available for B24



My Favourite Setting

The Perfect Setting for Me
 Create your own settings with ease.
 Enables you to save and easily access your favourite settings.

Zone Control

Enables you to turn different zones on & off from your smartphone



WLAN Module (Optional)



INVERTER

B24AWYNGMH



B24AWYUGMH



Indoor				B24AWYNGMH			
Capacity	Cooling	Min/Rated/Max	kW	2.84 / 7.1 / 7.81			
	Heating	Min/Rated/Max	kW	3.2 / 8.0 / 8.8			
Power Input	Cooling	Rated	kW	2.12			
	Heating	Rated	kW	2.05			
Running Current	Cooling/Heating	Rated	A	9.5/9.0			
Power Supply	V/ø/Hz			230~240 / 1 / 50			
EER				3.35			
COP				3.9			
Piping Connection	Liquid		mm	ø 9.52			
	Gas		mm	ø 15.88			
	Drain	O.D./I.D.	mm	ø 32/26			
Air Flow Rate	High/Medium/Low		m³/min	25.0 / 22.0 / 14.0			
			l/s	417/367/233			
Sound Pressure	Cooling	High/Medium/Low	dBA	37/33/29			
	Heating	High/Medium/Low	dBA	37/33/30			
Sound Power	Cooling	Max	dBA	-			
Dehumidification Rate			l/h	1.36			
Dimensions	Body	WxHxD	mm	1,182 x 298 x 450			
Net Weight	Body		kg	35			
Supply Air Spigot			mm	830 X 186			
Return Air Spigot			mm	1,043 X 220			
Fan Motor Output			W	154 x 1			
External Static Pressure -pre set	Min~Max		Pa	25-100(80 factory)			
Outdoor				B24AWYUGMH			
Compressor	Type			Twin Rotary			
Airflow Rate	Rated		m³/min	58			
			l/s	967			
Sound Pressure	Cooling	Rated	dBA	51			
	Heating	Rated	dBA	51			
Sound Power	Cooling	Max	dBA	65			
Dimensions	WxHxD		mm	950 x 834 x 330			
Net Weight			kg	63.0			
Refrigerant	Type			R410A			
	Charge		g	2,200			
	Additional Charge (after 7.5m)		g/m	40			
Operation Range (Outdoor)	Cooling	Min~Max	°C DB	-10 ~ 48			
	Heating	Min~Max	°C WB	-15 ~ 24			
Power Supply	V/ø/Hz			220~240 / 1 / 50			
Power Supply Cable	N x mm²			3 x 2.5			
Transmission Cable	N x mm²			4 x 0.75			
Circuit Breaker	A			25			
Piping Length Total	Max		m	50			
Piping Elevation Difference	IDU-ODU	Max	m	30			
Piping Connection	Liquid		mm	ø 9.52			
	Gas		mm	ø 15.88			

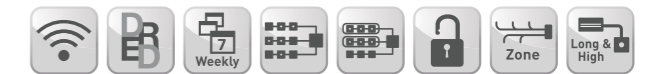
Note : 1. Due to our policy of innovation some specifications may be changed without notification.
 2. Capacities are based on the in accordance with AS/NZS3823.1.2
 Cooling: - Indoor Temperature 27°C DB / 19°C WB Heating: - Indoor Temperature 20°C DB / 15°C WB
 - Outdoor Temperature 35°C DB / 24°C WB - Outdoor Temperature 7°C DB / 6°C WB

INVERTER

**B30AWYN7G5
B36AWYN7G5**



B30AWYU4G5 B36AWYU4G5



Indoor				B30AWYN7G5				B36AWYN7G5			
Capacity	Cooling	Min/Rated/Max	kW	3.2 / 8.8 / 9.6			4.1 / 9.9 / 11.0				
	Heating	Min/Rated/Max	kW	3.7 / 9.2 / 11.0			4.4 / 11.0 / 12.1				
Power Input	Cooling	Rated	kW	2.85			2.9				
	Heating	Rated	kW	2.8			3.28				
Running Current	Cooling/Heating	Rated	A	12.7/11.3			12.4/14.5				
Power Supply	V/ø/Hz			230~240 / 1 / 50			230~240 / 1 / 50				
EER				3.09			3.41				
COP				3.29			3.35				
Piping Connection	Liquid		mm	ø 9.52			ø 9.52				
	Gas		mm	ø 15.88			ø 15.88				
	Drain	O.D./I.D.	mm	ø 32/25			ø 32/25				
Air Flow Rate	High/Medium/Low		m³/min	32.0 / 26.0 / 20.0			42.0 / 36.0 / 28.0				
			l/s	533/433/333			700/600/467				
Sound Pressure	Cooling	High/Medium/Low	dBA	44/43/42			45/44/43				
	Heating	High/Medium/Low	dBA	44/43/42			45/44/43				
Sound Power	Cooling	Max	dBA	-			-				
Dehumidification Rate			l/h	1.8			3.0				
Dimensions	Body	WxHxD	mm	1,320 X 400 X 534			1,320 X 400 X 534				
Net Weight	Body		kg	48			48				
Supply Air Spigot			mm	840 X 287			840 X 287				
Return Air Spigot			mm	1,172 X 317			1,172 X 317				
Fan Motor Output			W	350 X 1			350 X 1				
External Static Pressure -pre set	Min~Max		Pa	62-200(130 factory)			62-200(130 factory)				
Outdoor				B30AWYU4G5				B36AWYU4G5			
Compressor	Type			Twin Rotary			Twin Rotary				
Airflow Rate	Rated		m³/min	58			45x2				
			l/s	967			750*2				
Sound Pressure	Cooling	Rated	dBA	48			53				
	Heating	Rated	dBA	52			54				
Sound Power	Cooling	Max	dBA	65			66				
Dimensions	WxHxD		mm	950 X 834 X 330			950 X 1,170 X 330				
Net Weight			kg	60.0			81.0				
Refrigerant	Type			R410A			R410A				
	Charge		g	2,000			2,800				
	Chargeless Piping Length (after 7.5m)		m	15			15				
Operation Range (Outdoor)	Cooling	Min~Max	°C DB	-10 ~ 48			-10 ~ 48				
	Heating	Min~Max	°C WB	-15 ~ 18			-15 ~ 18				
Power Supply	V/ø/Hz			220~240 / 1 / 50			220~240 / 1 / 50				
Power Supply Cable	N x mm²			3 x 2.5			3 x 5.0				
Transmission Cable	N x mm²			4 x 1.0			4 x 1.0				
Circuit Breaker	A			25			40				
Piping Length Total	Max		m	50			50				
Piping Elevation Difference	IDU-ODU	Max	m	30			30				
Piping Connection	Liquid		mm	ø 9.52			ø 9.52				
	Gas		mm	ø 15.88			ø 15.88				

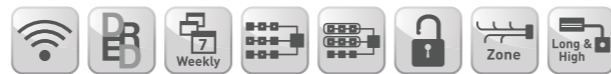
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 Cooling: - Indoor Temperature 27°C DB / 19°C WB Heating: - Indoor Temperature 20°C DB / 15°C WB
 - Outdoor Temperature 35°C DB / 24°C WB - Outdoor Temperature 7°C DB / 6°C WB
 3. DRED : Demand Response Enabling Device

INVERTER

B42AWYN7G5
B55AWYN7G5



B42AWYU3G5 /B55AWYU3G5



Indoor				B42AWYN7G5	B55AWYN7G5
Capacity	Cooling	Min/Rated/Max	kW	4.9 / 12.3 / 14.8	6.4 / 15.0 / 17.1
	Heating	Min/Rated/Max	kW	5.6 / 14.1 / 16.9	7.0 / 17.1 / 18.0
Power Input	Cooling	Rated	kW	3.65	4.85
	Heating	Rated	kW	3.82	5.20
Running Current	Cooling/Heating	Rated	A	16.0/17.0	21.0/22.7
Power Supply			V/ø/Hz	230~240 / 1 / 50	230~240 / 1 / 50
EER				3.37	3.09
COP				3.69	3.29
Piping Connection	Liquid		mm	ø 9.52	ø 9.52
	Gas		mm	ø 15.88	ø 15.88
	Drain	O.D./I.D.	mm	ø 32/25	ø 32/25
Air Flow Rate		High/Medium/Low	m³/min	48.0 / 42.0 / 36.0	60.0 / 50.0 / 40.0
			l/s	800/700/600	1000/833/667
Sound Pressure	Cooling	High/Medium/Low	dBA	46/45/44	46/45/44
	Heating	High/Medium/Low	dBA	46/45/44	46/45/44
Sound Power	Cooling	Max	dBA	-	-
Dehumidification Rate			l/h	2.7	4.0
Dimensions	Body	WxHxD	mm	1,320 X 400 X 534	1,320 X 400 X 534
Net Weight	Body		kg	52	52
Supply Air Spigot		WxH	mm	840 X 287	840 X 287
Return Air Spigot		WxH	mm	1,172 X 317	1,172 X 317
Fan Motor Output			W	185 X 2	185 X 2
External Static Pressure -pre set		Min~Max	Pa	62-200(130 factory)	62-200(130 factory)
Outdoor				B42AWYU3G5	B55AWYU3G5
Compressor	Type			Twin Rotary	Twin Rotary
Airflow Rate		Rated	m³/min	55x2	55x2
			l/s	917*2	917*2
Sound Pressure	Cooling	Rated	dBA	52	52
	Heating	Rated	dBA	54	54
Sound Power	Cooling	Max	dBA	67	71
Dimensions	WxHxD		mm	950 X 1,380 X 330	950 X 1,380 X 330
Net Weight			kg	92.0	92.0
Refrigerant	Type			R410A	R410A
	Charge		g	3,400	3,400
	Chargeless Piping Length (after 7.5m)		m	15	15
Operation Range (Outdoor)	Cooling	Min~Max	°C DB	-10 ~ 48	-10 ~ 48
	Heating	Min~Max	°C WB	-15 ~ 18	-15 ~ 18
Power Supply			V/ø/Hz	220~240 / 1 / 50	220~240 / 1 / 50
Power Supply Cable			N x mm²	3 x5.0	3 x5.0
Transmission Cable			N x mm²	4 x1.0	4 x1.0
Circuit Breaker			A	40	40
Piping Length Total		Max	m	50	50
Piping Elevation Difference	IDU-ODU	Max	m	30	30
Piping Connection	Liquid		mm	ø 9.52	ø 9.52
	Gas		mm	ø 15.88	ø 15.88

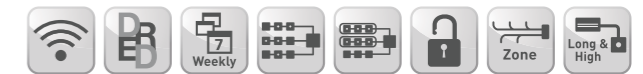
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 - Outdoor Temperature 35°C DB /24°C WB - Outdoor Temperature 7°C DB / 6°C WB
 3. DRED : Demand Response Enabling Device

INVERTER

B70AWYN985



B70AWYU85




Indoor				B70AWYN985
Capacity	Cooling	Min/Rated/Max	kW	12.6 / 20.0 / 25.7
	Heating	Min/Rated/Max	kW	14.1 / 22.4 / 30.0
Power Input	Cooling	Rated	kW	3.5/6.47/10.78
	Heating	Rated	kW	4.0/6.59/10.80
Running Current	Cooling/Heating	Rated	A	10.6/10.7
Power Supply			V/ø/Hz	230~240 / 1 / 50
EER				3.09
COP				3.4
Piping Connection	Liquid		mm	ø 9.52
	Gas		mm	ø 22.2
	Drain	O.D./I.D.	mm	ø 32/25
Air Flow Rate		High/Medium/Low	m³/min	70.0 / 65.0 / 60.0
			l/s	1167/1084/1000
Sound Pressure	Cooling	High/Medium/Low	dBA	52/50/49
	Heating	High/Medium/Low	dBA	52/50/49
Sound Power	Cooling	Max	dBA	-
Dehumidification Rate			l/h	3.67
Dimensions	Body	WxHxD	mm	1,563 X 458 X 791
Net Weight	Body		kg	97
Supply Air Spigot		WxH	mm	1,044 X 286
Return Air Spigot		WxH	mm	1,368 X 392
Fan Motor Output			W	375 X 2
External Static Pressure -pre set		Min~Max	Pa	62-180(180 factory)
Outdoor				B70AWYU85
Compressor	Type			INV Scroll
Airflow Rate		Rated	m³/min	190
			l/s	3167
Sound Pressure	Cooling	Rated	dBA	57
	Heating	Rated	dBA	57
Sound Power	Cooling	Max	dBA	78
Dimensions	WxHxD		mm	920 X 1,680 X 760
Net Weight			kg	181.0
Refrigerant	Type			R410A
	Charge		g	6,900
	Chargeless Piping Length (after 7.5m)		m	15
Operation Range (Outdoor)	Cooling	Min~Max	°C DB	-10 ~ 48
	Heating	Min~Max	°C WB	-15 ~ 24
Power Supply			V/ø/Hz	380~415 / 3 / 50
Power Supply Cable			N x mm²	5 x2.5
Transmission Cable			N x mm²	2 x1.0~1.5
Circuit Breaker			A	30
Piping Length Total		Max	m	100
Piping Elevation Difference	IDU-ODU	Max	m	30
Piping Connection	Liquid		mm	ø 9.52
	Gas		mm	ø 22.2

Note : 1. Due to our policy of innovation some specifications may be changed without notification.
 2. Capacities are based on the in accordance with AS/NZS3823.1.2
 Cooling: - Indoor Temperature 27°C DB /19°C WB Heating: - Indoor Temperature 20°C DB / 15°C WB
 - Outdoor Temperature 35°C DB /24°C WB - Outdoor Temperature 7°C DB / 6°C WB
 3. DRED : Demand Response Enabling Device


Accessory

Central Control

Control Method	Objective/Use	Unit Name and Model	Function	Parts	Features
AC-EZ PQCSZ250S0	Provides a centralized point where up to 32 indoor units or indoor unit groups can be controlled and monitored		<ul style="list-style-type: none"> Remote control & Monitor 8 programmable schedules with mode and set point control Error code display during unit or system malfunction 	<ul style="list-style-type: none"> Controller Manual Screw 6EA Screw 4EA 	<ul style="list-style-type: none"> LED indicator for operating status Max 32 IDU control

AC-Smart Premium PQCSW421E0A	Provides a centralized point where up to 128 indoor units or indoor unit groups can be controlled and monitored		<ul style="list-style-type: none"> Visual navigation (structure mapping) Remote control & Monitor Web control Email error alarm 	<ul style="list-style-type: none"> Controller Manual 	<ul style="list-style-type: none"> 10.2 inch touch screen with user friendly GUI
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*All central control devices require PI485 interface per outdoor unit

Control Method	Objective/Use	Unit Name and Model	Function	Parts	Features
ACP PQPC22N0 PQPC22A0	To control all indoor unit just like remote controller		<ul style="list-style-type: none"> Control/Monitoring Schedule History Peak Power Control PDI Monitoring Setting Max 256 Indoor units Without IO (Install with AC Manager, Interlocking is impossible) 	<ul style="list-style-type: none"> ACP Power cord Manual 	<ul style="list-style-type: none"> Embedded web server (Can connected internet) Include Central Program in the ACP Web Server Directly IP Setting by using key & LCD Without DI/DO Port





AC Manager PQCSSA21E0	To control all indoor unit just like remote controller		<ul style="list-style-type: none"> Control/Monitoring Schedule History Peak Power Control Auto control (Auto Changeover, temperature limit control) Interlocking PDI data Manage Setting Max 8,192 Indoor units 	<ul style="list-style-type: none"> PC S/W(CD) Lock key Manual 	<ul style="list-style-type: none"> Install with several ACP supply more detail control & upgraded function Print & down with excel of all data Function Lock & Set Temp range restriction Icon/List View individual unit operating time manage Max 32 ACP connectable (Max 8,192 Indoors)
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Accessory

Interface Device

Control Method	Objective/Use	Unit Name and Model	Function	Parts	Features
PI485 PMNFP14A0	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 	<ul style="list-style-type: none"> • 1set/1 Outdoor
Dry Contact PQDSA1/ PQDSB1	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 	<ul style="list-style-type: none"> • 1set/1 Indoor unit • PQDSB1 (24V) • PQDSA1 (24V)
Dry Contact PQDSBC*	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

Building Management Devices

Control Method	Objective/Use	Unit Name and Model	Function	Parts	Features
BNU-LW PLNWKB000	To connect PI485 to LONWORKS BMS system		<ul style="list-style-type: none"> • Interface between BMS and LG air-conditioners (LonMark certified : Operation system based on LNS) 	<ul style="list-style-type: none"> • Interface Assembly • 12V DC adaptor • Manual 	<ul style="list-style-type: none"> • 64 indoor units • ACP function (central controller) included
BNU-BAC PQNFB17C 0	To connect PI485 to BACnet BMS system		<ul style="list-style-type: none"> • Interface between BMS and LG air-conditioners (BTL certified : Operation system based on BACnet service) 	<ul style="list-style-type: none"> • Interface Assembly • 12V DC adaptor • Manual 	<ul style="list-style-type: none"> • 256 Indoor units • ACP function (central controller) included • BTL certification (B-ASC)
PDI PQNUD1S00	To Power consumption Distribution of each indoor unit		<ul style="list-style-type: none"> • Accumulation of total power consumption • Indication of current power in use • Indication of accumulated power for period • Indication of standby power (option setting) 	<ul style="list-style-type: none"> • PDI Assembly Manual 	<ul style="list-style-type: none"> • 1 PDI / 1 Outdoor
PDI Premium PQNUD1S40	To power consumption distribution of each indoor unit		<ul style="list-style-type: none"> • Accumulation of total power consumption • Indication of current power in use • Indication of accumulated power for period • Indication of standby power • Blackout protection 	<ul style="list-style-type: none"> • PDI Assembly manual 	<ul style="list-style-type: none"> • 1 PDI / 8 Outdoor

1) PI485 : Product Interface unit for RS 485 transmission