

**EXPERIENCE EFFICIENT AND
QUIET COOLING WITH
4 WAY INVERTER CASSETTE**



Black Fin Protection



Air Purification



Human Detection



BLACK FIN FOR CORROSION RESISTANCE

ANTI CORROSION
COATING

**BLACK
FIN**

Black fin for corrosion resistance

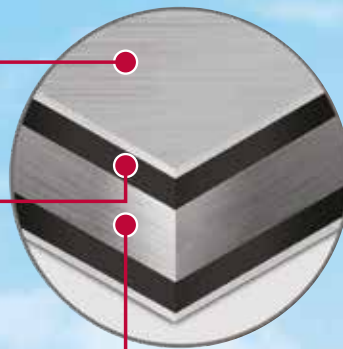
Hydrophilic coating

The Hydrophilic coating minimises moisture build up on the fin.

Complex resin (Corrosion resistant)

The black coating provides strong protection from corrosion.

Aluminum fin



CORROSION RESISTANCE PROVEN BY CERTIFIED TESTS



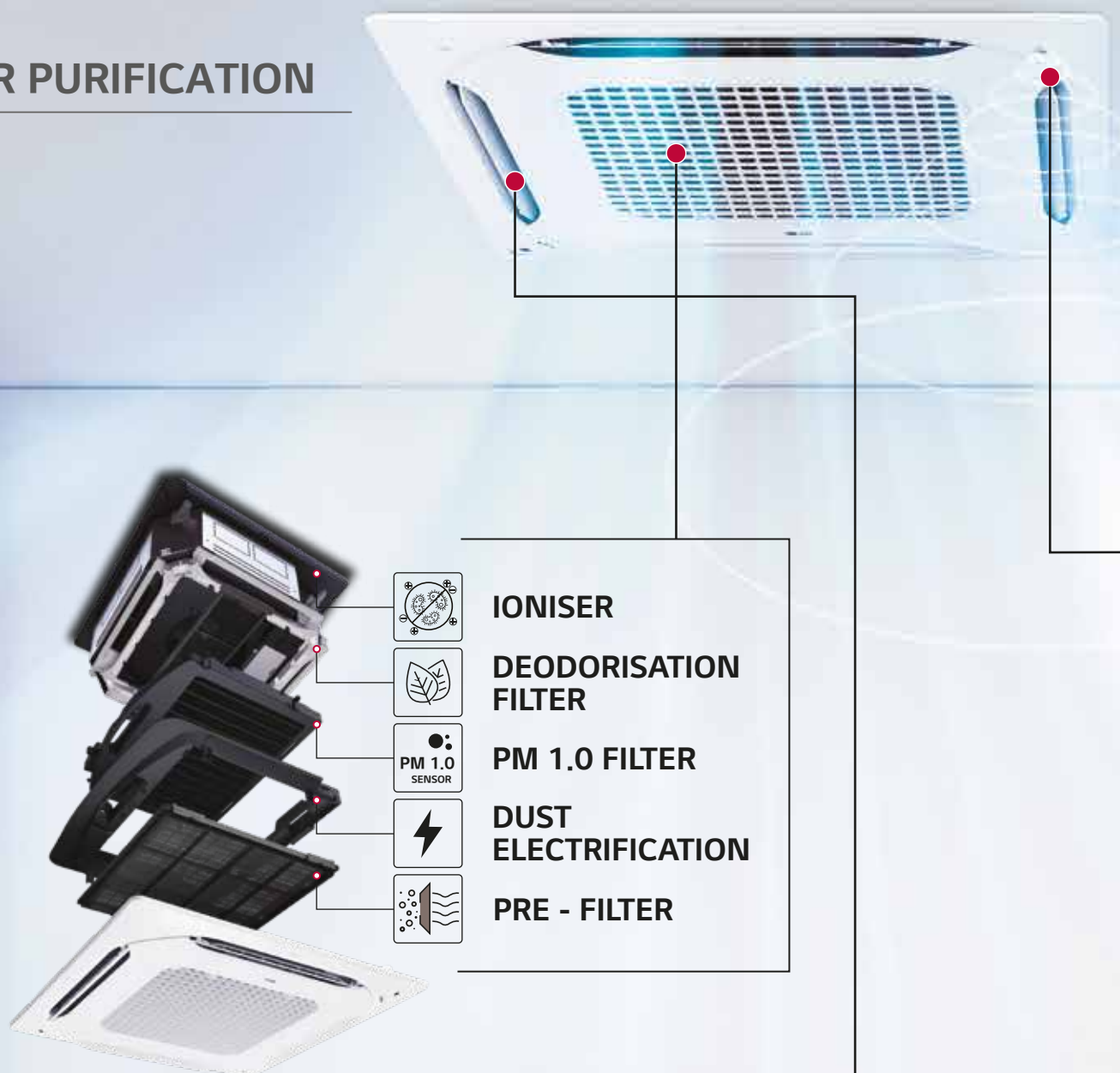
LG Corrosion Resistance solution passed ISO accelerated corrosion test conducted by an independent test organisation and the result has been certified by prestigious global certification organisation, TUV.



※ Verification of corrosion resistance performance
- Test Method B of ISO21207
- ASTM B117 / ISO 9227 (10,000 hours)



AIR PURIFICATION



Real Time Air Quality Monitoring



Mobile device



Remote controller



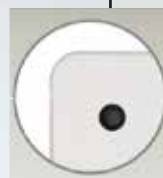
Indoor unit smart indicator

※ Air purification kit is an optional accessory, only applicable with 1 Way & 4 Way cassettes (Refer to product line up)



HUMAN DETECTION

Energy saving & comfort cooling through human detection.



Human Detection Sensor (PTVSMA0)



Energy Saving

On/Off Control

Temperature Control



Comfort Air

Indirect Airflow

Direct Airflow

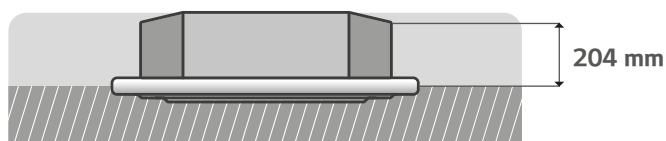


COMPACT SIZE

Slim & compact design not only saves space but also reduces installation costs. It's designed to suit most of commercial buildings and can fit into various spaces.



Conventional



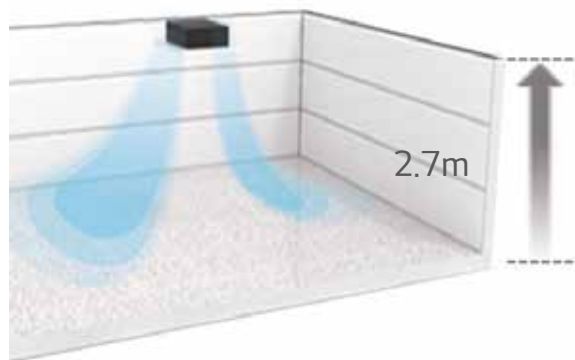
ZTNQ18GPLA1

LG

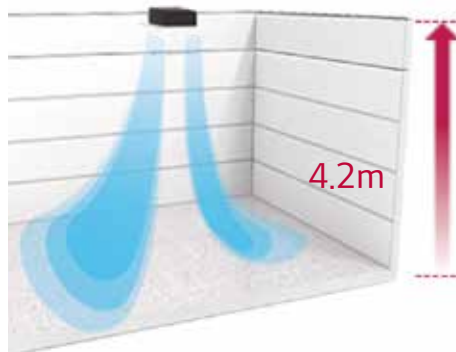
HIGH CEILING MODE

Air flow in a space with a 4.2 m ceiling height is possible with this indoor unit. Further, air flow can be strengthened by adjusting the fan speed.

BASIC MODE



HIGH CEILING MODE



CONVENIENT PANEL INSTALLATION

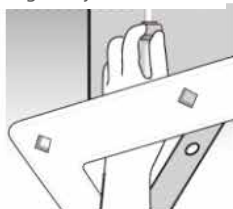
The detachable corner design makes it easy to adjust the hanger during installation and to check for leakages in the drain connection pipe. Also, its unique button-type panel design makes it easy to install the panel to the body.

Detachable Corner Design



Drain leakage check

Hanger adjust



One Push Panel



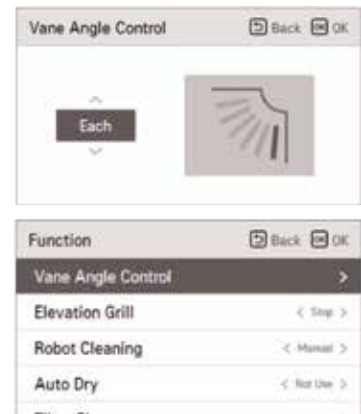
INDEPENDENT CONTROL OF AIR FLOW

The independent vane operation feature uses 4 separate motors, making it possible to control all four vanes independently. The independent control provides optimal comfort for each user. It is also capable of handling inclination angles between 20 ° ~ 70 °.

Indirect air flow



Direct air flow



※ Setting screen on the remote controller.



2-vane Control



1-vane Control



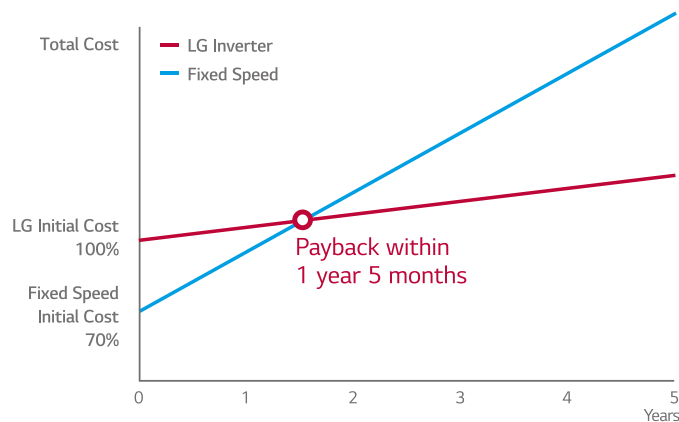
Volume Control



Angle Control

PAYBACK

Short payback period and easy period check with LG Payback App.



Capacity : 4 TR Ceiling Mounted Cassette

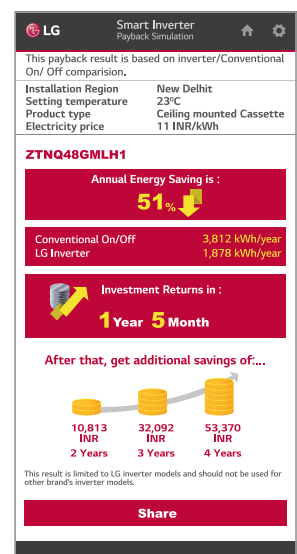
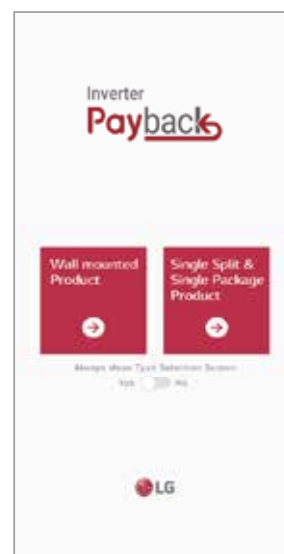
Operating time : 08:00~22:00

Cooling partial load and power consumption calculated based on yearly weather data (Target indoor temperature : 23°C) India (Delhi)

※ This result can be different depending on actual environment.

※ This energy & electric cost saving datas are simulated result with 'LG Inverter payback' application.

※ Initial cost of each product is based on market SRP (INR).



To download Payback app, search 'LG Inverter payback' on Google Play Store or App Store.

SPECIFICATIONS



INVERTER CASSETTE 4 WAY



*Wireless Remote Controller Included



U12 A Chassis



U18 A Chassis



U18 A Chassis

4 Way Cassette			Nominal Capacity	Tr	1.5 TR	1.5 TR(High Efficiency)	2.0 TR
Combination	Outdoor unit				ZTUQ18GPLA1	ZTUQ18GNLH1	ZTUQ24GNLA1
	Indoor unit				ZTNQ18GPLA1	ZTNQ18GNLH1	ZTNQ24GNLA1
Rated Capacity	Cooling	Min.-Rated-Max.	kW	1.55- 5.15 ~ 5.46	1.58 ~ 5.27 ~ 6.0	2.02 ~ 6.75 ~ 7.08	
Power Input	Cooling	Rated	kW	1.81	1.29	2.0	
EER / COP				W / W	2.85	4.09	3.34
ISEER					3.95	5.25	4.40
ISEER Grade					3★	5★	4★
Indoor Unit							
Model Name			Unit	ZTNQ18GPLA1	ZTNQ18GNLH1	ZTNQ24GNLA1	
Power Supply			V, Ø, Hz	230 ,1 , 50			
Air Flow Rate		H / M / L	m3/min	17.0 / 15.0 / 13.0	21.0 / 18.5 / 15.0	21.0 / 18.5 / 15.0	
Fan Motor	Type				BLDC		
Sound Pressure Level	Cooling	H / M / L	dB(A)	40 / 36 / 33	40 / 35 / 29	40 / 35 / 29	
Dimensions	Body	W x H x D	mm	840 x 204 x 840	840 x 246 x 840	840 x 246 x 840	
Weight	Body		kg (lbs)	20.5(45.2)	23.5(51.8)	23.6(52.0)	
Piping Connections	Liquid Side		mm(inch)	Ø 6.35 (1/4)	Ø 6.35 (1/4)	Ø 9.52 (3/8)	
	Gas Side		mm(inch)	Ø 12.7 (1/2)	Ø 12.7 (1/2)	Ø 15.88 (5/8)	
	Drain Pipe	(O.D. / I.D.)	mm	Ø 32.0 / 25.0	Ø 32.0 / 25.0	Ø 32.0 / 25.0	
Power and Communication Cable (included Earth)			No. x mm2 (AWG)	4C x 0.75 (18)	4C x 0.75 (18)	4C x 0.75 (18)	
Decoration Panel	Model Name			PT-UMC2			
	Casing Colour			Morning Fog			
	Dimensions	W x H x D	mm	950 x 35 x 950			
	Net weight			kg (lbs)	5.0 (11.0)		
Outdoor unit							
Model Name			Unit	ZTUQ18GPLA1	ZTUQ18GNLH1	ZTUQ24GNLA1	
Power Supply			V, Ø, Hz	230 ,1 , 50			
Compressor	Type	-			Twin Rotary		
Heat Exchanger	Type (Coating)	-			Fin & Tube Type (Hydrophilic + Black Fin)		
Refrigerant	Type	-			R32		
	Control	-			Electronic Expansion Valve		
Fan Motor	Type				BLDC		
Sound Pressure Level	Cooling	Rated	dB(A)	50	54	54	
Wiring Connections	Power Supply Cable (included Earth)		No. x mm2 (AWG)	3C x 1.5 (14)	3C x 1.5 (14)	3C x 1.5 (14)	
Circuit Breaker			A	16	16	16	
Casing Colour			-	Warm Gray			
Dimensions		W x H x D	mm	717 x 483 x 230	770 x 545 x 288	770 x 545 x 288	
Net Weight			kg (lbs)	24.9(54.9)	31.5 (69.4)	31.7 (69.9)	
Piping Connections	Liquid	Outer Dia.	mm(inch)	Ø 6.35 (1/4)	Ø 6.35 (1/4)	Ø 9.52 (3/8)	
	Gas	Outer Dia.	mm(inch)	Ø 12.7 (1/2)	Ø 12.7 (1/2)	Ø 15.88 (5/8)	
Piping Length		Min. / Max.	m (ft)	5 (16.4) / 30 (98.4)	5 (16.4) / 30 (98.4)	5 (16.4) / 30 (98.4)	
Maximum Height Difference	Outdoor Unit - Indoor Unit	Max.	m (ft)	15(49.2)	20 (65.6)	20 (65.6)	
Operation Range (Outdoor Temperature)	Cooling	Min. ~ Max.	℃ DB	- 5 ~ 52			

Accessories*

Panel	 PT-UMC2	 PT-MCGW0	 PT-MPGW0
Dimension	950 x 35 x 950	950 x 35 x 950	
Human Detection Kit	-	PTVSMA0	
Air Purification Kit	-	-	PTAHMP0
Wi-Fi Module	PFWMDD200		
PI485	PFNFP14A1		

SPECIFICATIONS



INVERTER CASSETTE 4 WAY



* Wireless Remote Controller Included



U24 A Chassis



U24 A Chassis



U36 A Chassis

4 Way Cassette			Nominal Capacity	Tr	2.0 TR(High Efficiency)	3.0 TR(High Efficiency)	4.0 TR(High Efficiency)
Combination	Outdoor unit				ZTUQ24GNLH1	ZTUQ36GNLH1	ZTUQ48GMLH1
	Indoor unit				ZTNQ24GNLH1	ZTNQ36GNLH1	ZTNQ48GMLH1
Rated Capacity	Cooling	Min.-Rated-Max.	kW		2.11 ~ 7.05 ~ 7.74	3.16 ~ 10.55 ~ 11.08	4.2 ~ 14.07 ~ 14.7
Power Input	Cooling	Rated	kW		1.73	3.45	4.8
EER / COP				W / W	4.08	3.06	2.93
ISEER					5.25	4.20	4.20
ISEER Grade					5★	5★	5★
Indoor Unit							
Model Name			Unit		ZTNQ24GNLH1	ZTNQ36GNLH1	ZTNQ48GMLH1
Power Supply			V, Ø, Hz		230 ,1 , 50		
Air Flow Rate		H / M / L	m3/min		21.0 / 18.5 / 15.0	25.0 / 22.0 / 19.0	27.0 / 23.0 / 19.0
Fan Motor	Type				BLDC		
Sound Pressure Level	Cooling	H / M / L	dB(A)		40 / 35 / 29	45 / 41 / 37	46 / 42 /37
Dimensions	Body	W x H x D	mm		840 x 246 x 840	840 x 246 x 840	840 x 288 x 840
Weight	Body			kg (lbs)	23.6(52.0)	23.6(52.0)	26.1 (57.5)
Piping Connections	Liquid Side			mm(inch)	Ø 9.52 (3/8)	Ø 9.52 (3/8)	Ø 9.52 (3/8)
	Gas Side			mm(inch)	Ø 15.88 (5/8)	Ø 15.88 (5/8)	Ø 15.88 (5/8)
	Drain Pipe	(O.D. / I.D.)		mm	Ø 32.0 / 25.0	Ø 32.0 / 25.0	Ø 32.0 / 25.0
Power and Communication Cable (included Earth)			No. x mm2 (AWG)		4C x 0.75 (18)	4C x 0.75 (18)	4C x 0.75 (18)
Decoration Panel	Model Name				PT-UMC2		
	Casing Colour				Morning Fog		
	Dimensions	W x H x D	mm		950 x 35 x 950		
	Net weight			kg (lbs)		5.0 (11.0)	
Outdoor unit							
Model Name			Unit		ZTUQ24GNLH1	ZTUQ36GNLH1	ZTUQ48GMLH1
Power Supply			V, Ø, Hz		230 ,1 , 50		
Compressor	Type			-	Twin Rotary		Scroll
Heat Exchanger	Type (Coating)			-	Fin & Tube Type (Hydrophilic + Black Fin)		
Refrigerant	Type			-	R32		
	Control			-	Electronic Expansion Valve		
Fan Motor	Type				BLDC		
Sound Pressure Level	Cooling	Rated	dB(A)		54	54	57
Wiring Connections	Power Supply Cable (included Earth)		No. x mm2 (AWG)		3C x 2.5 (12)	3C x 2.5 (12)	3C x 2.5 (12)
Cicuit Breaker			A		25	25	32
Casing Colour			-		Warm Gray		
Dimensions	W x H x D		mm		870 x 650 x 330	870 x 650 x 330	950 x 834 x 330
Net Weight			kg (lbs)		41.5 (91.4)	41.5 (91.4)	59 (130.1)
Piping Connections	Liquid	Outer Dia.	mm(inch)		Ø 9.52 (3/8)	Ø 9.52 (3/8)	Ø 9.52 (3/8)
	Gas	Outer Dia.	mm(inch)		Ø 15.88 (5/8)	Ø 15.88 (5/8)	Ø 15.88 (5/8)
Piping Length		Min. / Max.	m (ft)		5 (16.4) / 50 (164.0)	5 (16.4) / 50 (164.0)	5 (16.4) / 50 (164.0)
Maximum Height Difference	Outdoor Unit ~ Indoor Unit	Max.	m (ft)		30 (98.4)	30 (98.4)	30 (98.4)
Operation Range (Outdoor Temperature)	Cooling	Min. ~ Max.	℃ DB		-5 ~ 52		

Note:

Performances are based on the following condition:

- Cooling: Indoor Ambient Temp. 27° CDB/19° CWB, Outdoor Ambient Temp. 35° CDB/24° CWB
- Interconnected Pipe Length is 7.5m and difference of Elevation (Outdoor ~ Indoor Unit) is 0m.
- *: To use function, correct combination of panel and accessory need to be purchased (Refer to panel info)

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1800-180-3575
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Regd. Office: LG Electronics India Pvt. Ltd., A-24/6, Mohan Cooperative Industrial Estate, Mathura Road, New Delhi-110044 CIN No. U32107DL1997PTC220109