

**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

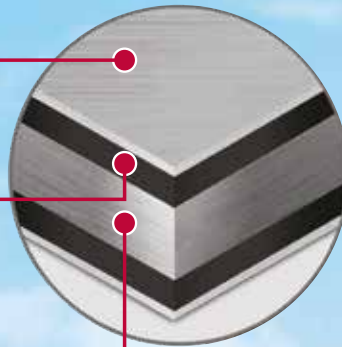
### Hydrophilic coating

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, TÜV.

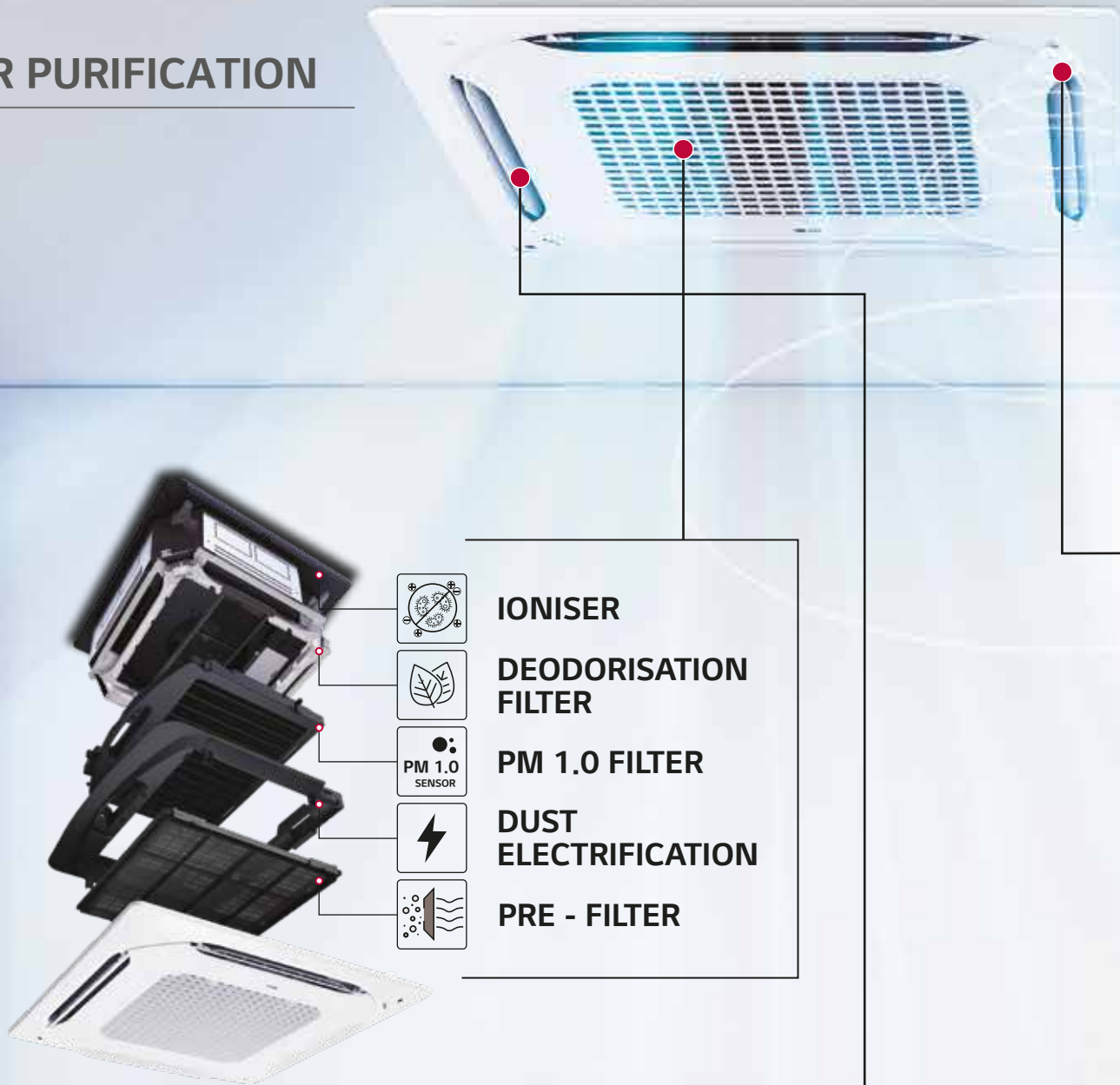


- ※ Verification of corrosion resistance performance
- Test Method B of ISO21207
- ASTM B117 / ISO 9227 (10,000 hours)





# 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

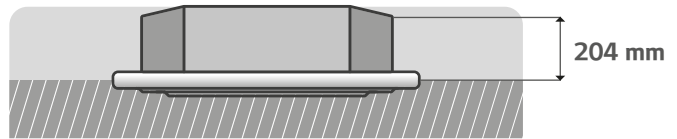


## COMPACT SIZE

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



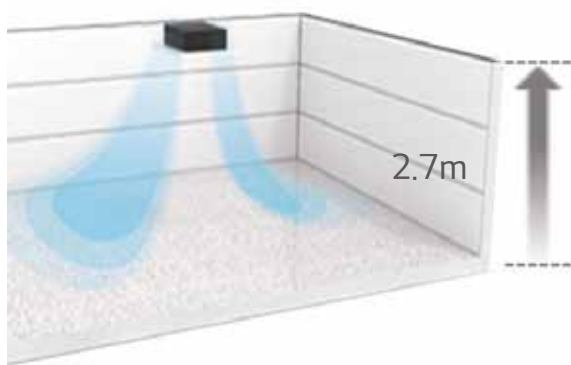
ZTNQ18GPLA1

LG

## HIGH CEILING MODE

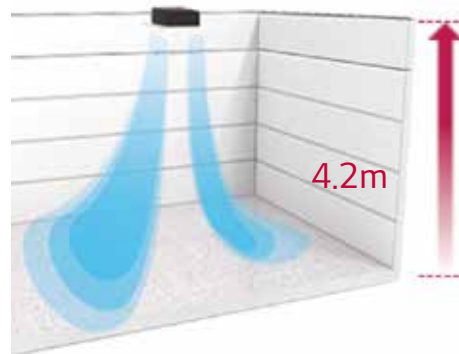
Air flow in a space with a 4.2 m ceiling height is possible with this indoor unit. Further, air flow can be strengthened by adjusting the fan speed.

BASIC MODE



2.7m

HIGH CEILING MODE



4.2m

## CONVENIENT PANEL INSTALLATION

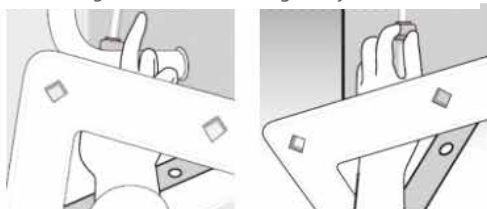
The detachable corner design makes it easy to adjust the hanger during installation and to check for leakages in the drain connection pipe. Also, its unique button-type panel design makes it easy to install the panel to the body.

Detachable Corner Design



Drain leakage check

Hanger adjust



One Push Panel



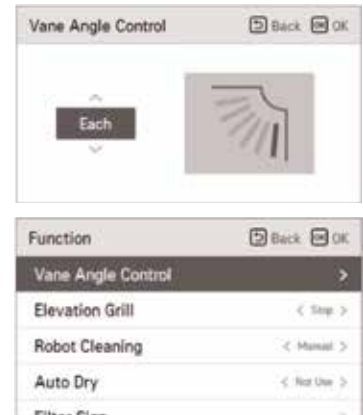
## INDEPENDENT CONTROL OF AIR FLOW

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°.

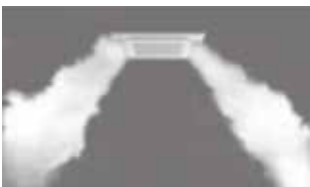
Indirect air flow



Direct air flow



※ Setting screen on the remote controller.



2-vane Control



1-vane Control



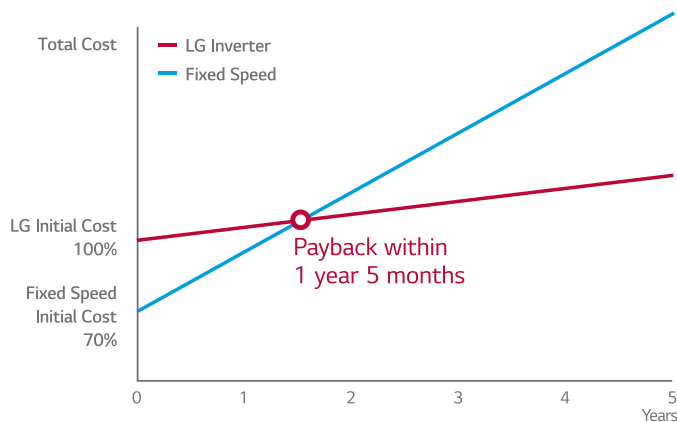
Volume Control



Angle Control

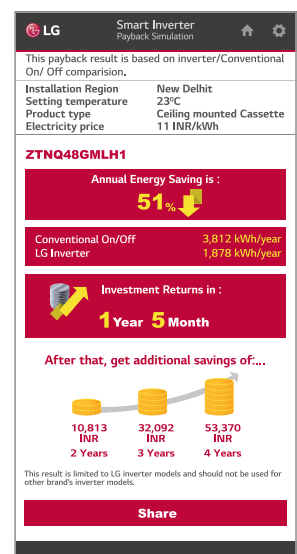
## PAYBACK

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

## R32 INVERTER CASSETTE 4 WAY



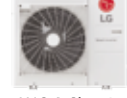
\*Wireless Remote Controller Included



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★	
<b>Indoor Unit</b>								
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		
Dimensions		Body		W x H x D	mm	840 x 246 x 840	840 x 246 x 840	
Weight		Body		kg (lbs)	20.5(45.2)	23.5(51.8)		
Piping Connections		Liquid Side		mm(inch)	Ø 6.35 (1/4)	Ø 6.35 (1/4)		
		Gas Side		mm(inch)	Ø 12.7 (1/2)	Ø 12.7 (1/2)		
		Drain Pipe		(O.D. / I.D.)	mm	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)		
<b>Outdoor unit</b>								
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		
Wiring Connections		Power Supply Cable (included Earth)		No. x mm2 (AWG)	3C x 1.5 (14)	3C x 1.5 (14)		
Circuit Breaker				A	16	16		
Casing Colour					Warm Gray			
Dimensions		W x H x D		mm	717 x 483 x 230	770 x 545 x 288		
Net Weight				kg (lbs)	24.9(54.9)	31.5 (69.4)		
Piping Connections		Liquid		Outer Dia.	mm(inch)	Ø 6.35 (1/4)		
		Gas		Outer Dia.	mm(inch)	Ø 12.7 (1/2)		
Piping Length		Min. / Max.		m (ft)	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)		
Operation Range (Outdoor Temperature)		Cooling	Min. - Max.	°C 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	-		PTVSMAO			
Air Purification Kit	-		-		PTAHMPO	
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★
<b>Indoor Unit</b>						
Model Name			Unit	ZTNQ24GNLH1	ZTNQ36GNLH1	ZTNQ48GMLH1
Power Supply			V, Ø, Hz	230, 1, 50		
Air Flow Rate		H / M / L	m <sup>3</sup> /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 mm <sup>2</sup> (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)		
<b>Outdoor unit</b>						
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 mm <sup>2</sup> (AWG)	3C x 2.5 (12)	3C x 2.5 (12)	3C x 2.5 (12)
Circuit 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.	°C 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)

**LG SAC CUSTOMER CARE**

1800-180-3575 (Service Toll Free) [www.lg.com/in](http://www.lg.com/in)  
[cac.service@lgepartner.com](mailto:cac.service@lgepartner.com)

[www.facebook.com/LGIndiaCommercialAC](https://www.facebook.com/LGIndiaCommercialAC)  
[www.twitter.com/LGIndia](https://www.twitter.com/LGIndia)

To know more about LG, visit [www.lg.com/in/business/air-solution](http://www.lg.com/in/business/air-solution)  
 For Corporate/Institutional enquiries, please write to [sac.marketing@lge.com](mailto:sac.marketing@lge.com)  
 Partner portal: <http://partner.lge.com/in/>

