



**LG**  
**2024**

# AR CONDICIONADO COMERCIAL

 **Megaclima**

— Desde 1993 —

## 4 Way air flow with new dual vane design

Innovative dual vane designs each of the best airflow over various spaces.



## New types of wind solutions

### Indirect Wind



### Direct Wind



## 6 Air flow modes



**Power Mode**  
Fast and Quick



**Up / Down Swing**  
Fresh and Natural



**Smart Mode**  
Auto Vane Control



**Indirect Wind**  
Indirect  
cooling & Heating



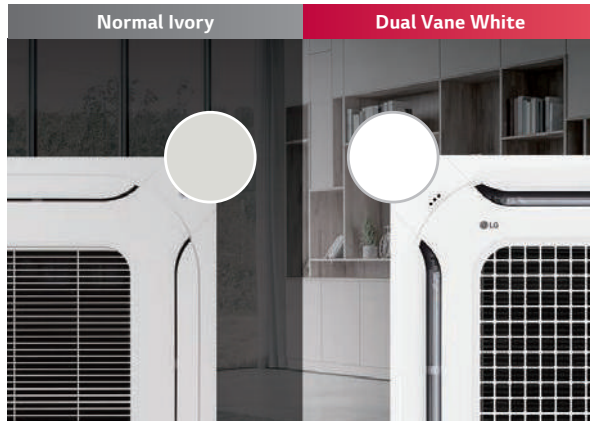
**Direct Wind**  
Suitable  
for High Ceiling



**Refresh Mode**  
Provide high  
concentration

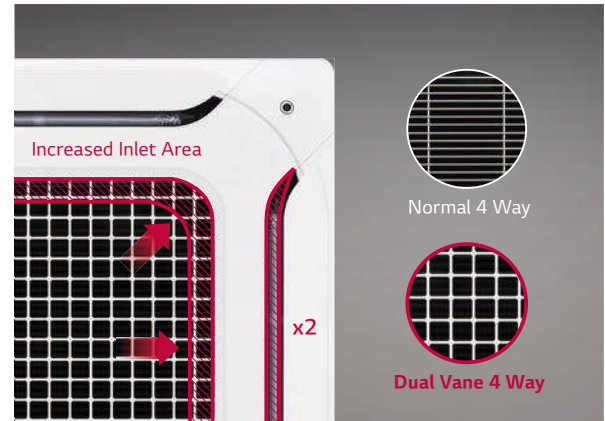
## Brighter Color

Color enhancement allows cassette to blend in to most interior ceiling spaces.



## Wide Design

Bigger inlet and outlet make faster cooling / heating airflow.



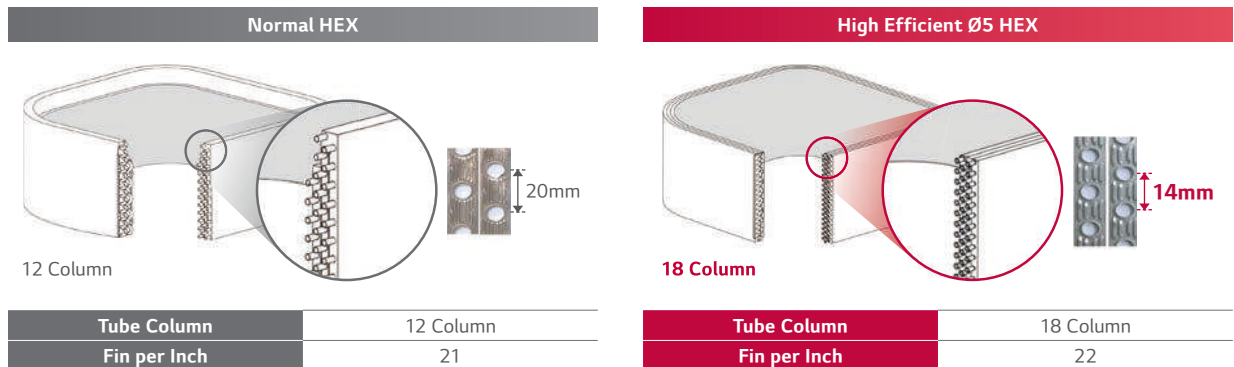
## Full 3D Turbo Fan

Full 3D Turbo fan decreases air resistance, so it creates high efficiency and reduces noise level.



## High Efficiency Heat Exchanger (HEX)

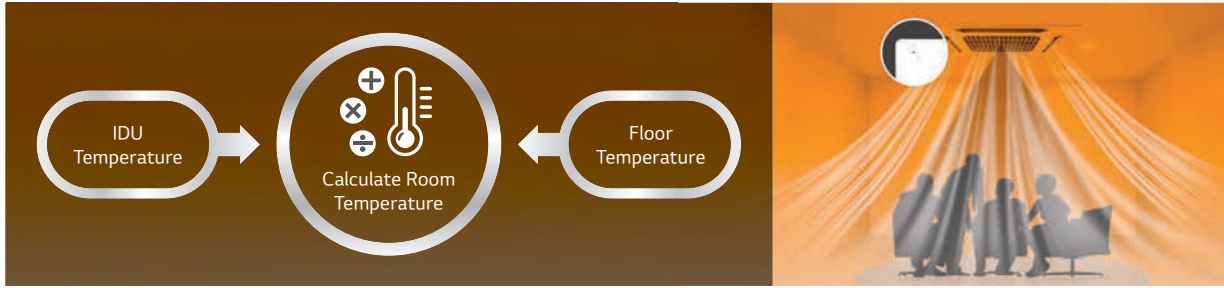
Highly integrated heat exchanger is applied to increase cooling and heating efficiency.



※ This specification can be different as per each model.

# Sensor reads temperature from ceiling to floor for heating

IDU provides the human oriented room temperature with sensing floor And calculating by floor and ceiling temperature by thermopile sensor.



※ Available only for products with floor temperature sensor.

## Human detecting Direct / Indirect airflow

Human sensing function finds users to provide their favorite airflow.

### Comfort Indirect

Prevent airflow to heading to user by sensing.



### Follow user Direct

Prefer air flow to heading to user by sensing.

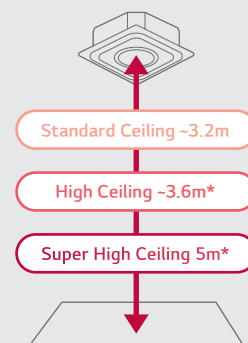


## Direct Wind

Warm wind can reach up to 5m with plenty air volume. (@ 0.5ms)



Recommended direct wind reach

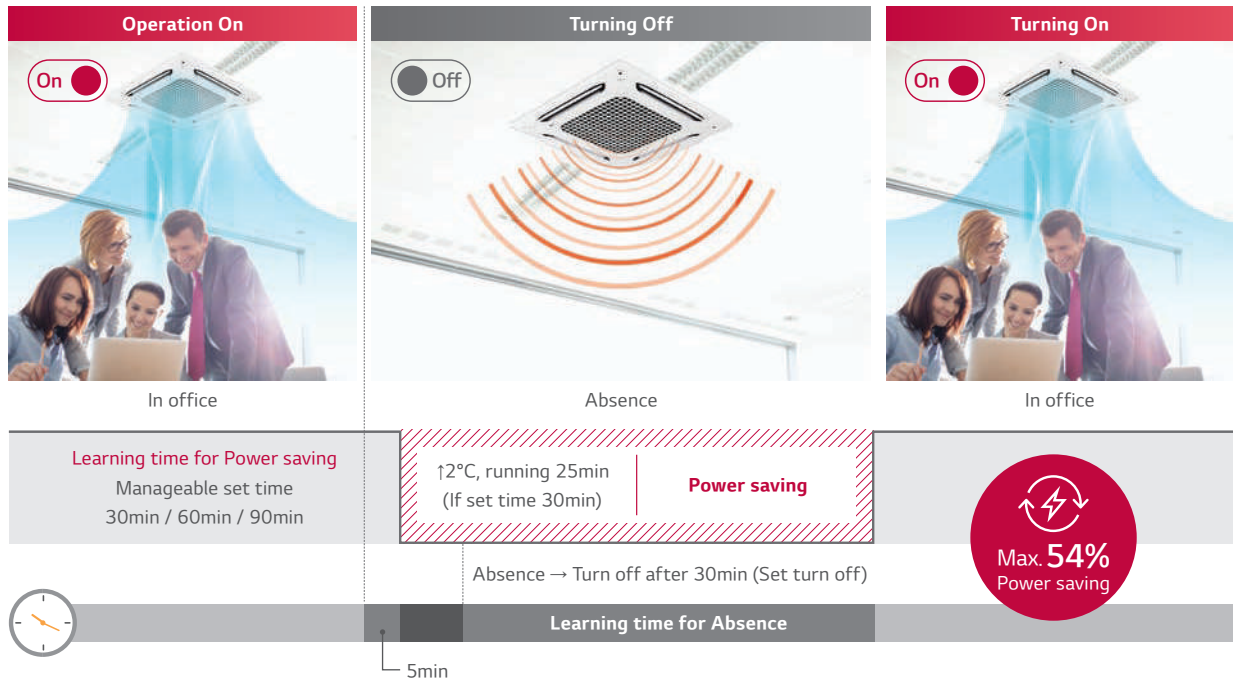


\* Settings are required in installer mode.



# Human detecting On / Off Learning operation system

IDU senses people to switch On / Off for Max. 54% power saving.



※ Smart Dual Vane Indoor Unit '19 Line up.

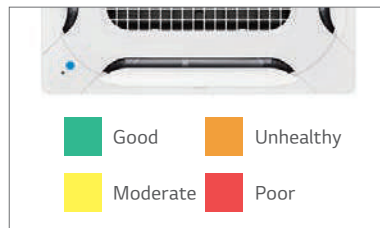
※ Data Based on actual test of LG, single product 2 hours measurement result. (Cooling 26 °C, strong wind)

## Various Display of Air Purification

Installed Wi-Fi leads unlimited boundary to control IDU and display Air Purification status.

### Smart indicator

Shows quality of Indoor air in real time



### Remote controller

Display Air status and Fine Dust Concentration



### Mobile

Whenever & Wherever  
Check and Control Air status



## Pairing LG ThinQ

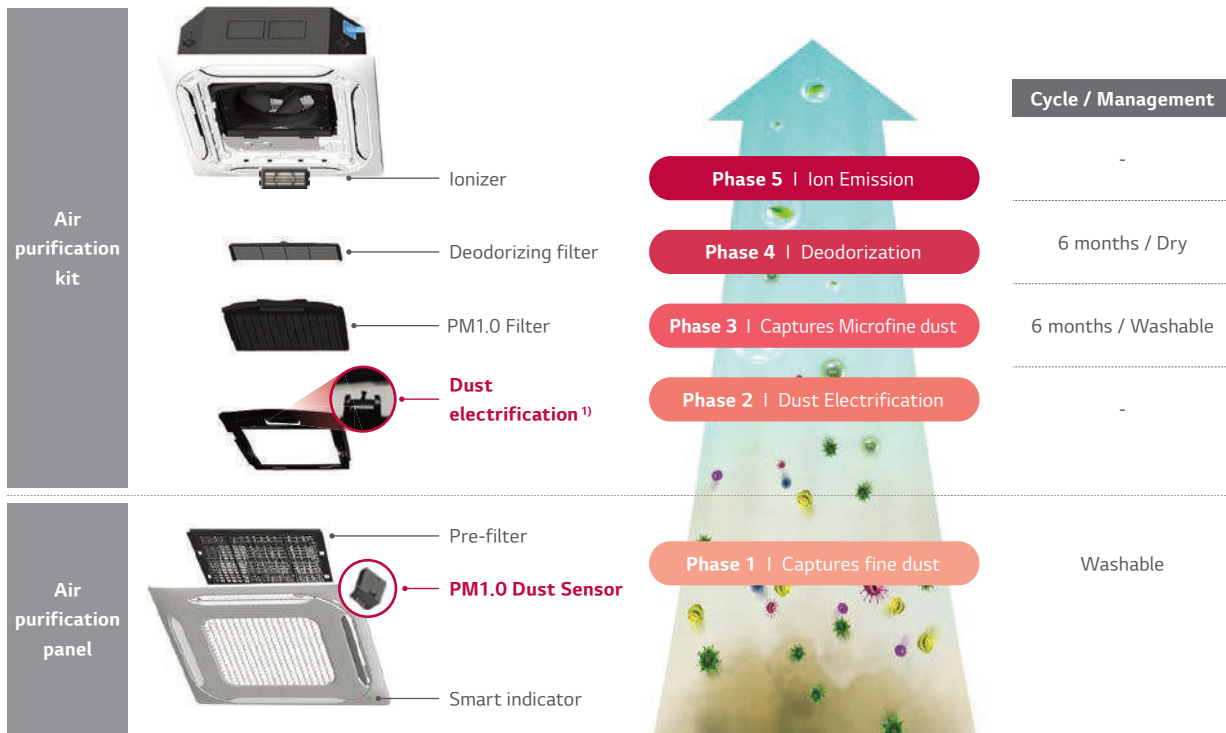
Anywhere! Anytime! Can connect to IDU with LG ThinQ

- Monitoring Air status : Easy to check indoor air status
  - Microfine dust / Ultra fine dust / Fine dust
  - Day / Week / Month / Yearly
- Mobile Remote Control : Remote control by using mobile phone
  - Control Mode / Temperature / Air flow etc.
- Display Power Consumption : Check power consumption of A/C
  - Check energy display
  - Set target energy consumption level



# Convenient and Powerful Air purification

Easy to manage air purifying system with one-touch air cleaning filter.



1) Electrical diffusion makes dust electrification.

## CAC certification?

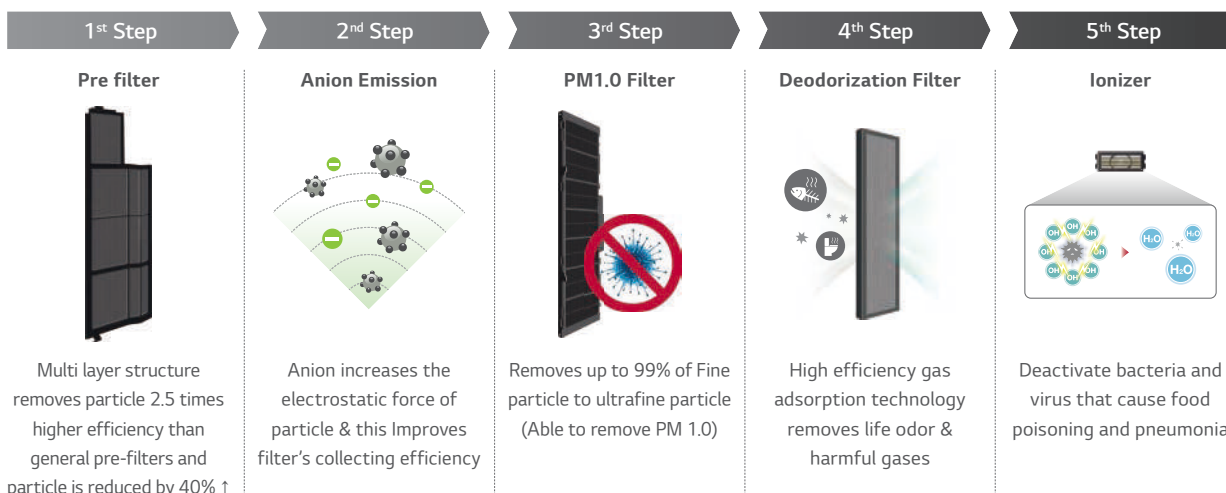
The Korea Air Cleaning Association strictly tests the air cleaning function of air conditioner products and provide certification to the product that give credibility to consumers.



The Korea Air Cleaning Association

## Air Purification Technology

5-Steps air cleaning process removes invisible, ultra fine dust, odor and germs to ensure a clean and healthy living environment



# COMPACT INVERTER (R32)

CT18F / CT24F / UT30F / UT36F

UUA1 ULO

UUB1 U20

UUC1 U40



LG participates in the ECP programme for EUROVENT AC program.  
Check ongoing validity of certification  
: [www.eurovent-certification.com](http://www.eurovent-certification.com)

COMBINATION				18	24	30	36
Capacity	Cooling	Min. / Rated / Max.	kW	1.8 / 5.0 / 5.5	2.7 / 6.8 / 7.5	3.0 / 7.5 / 8.3	3.8 / 9.5 / 10.8
	Heating	Min. / Rated / Max.	kW	2.1 / 5.2 / 5.7	3.0 / 7.5 / 8.6	3.2 / 7.9 / 8.7	4.3 / 10.8 / 11.7
Power Input (Set)	Cooling	Min. / Rated / Max.	kW	0.34 / 1.76 / 2.11	0.40 / 2.00 / 2.40	0.50 / 2.31 / 2.77	0.60 / 2.79 / 3.57
	Heating	Min. / Rated / Max.	kW	0.30 / 1.45 / 1.87	0.40 / 2.21 / 2.87	0.50 / 2.37 / 3.08	0.60 / 2.77 / 3.30
Running Current	Cooling	Rated	A	7.8	8.8	10.1	12.4
	Heating	Rated	A	6.4	9.6	10.4	12.3
EER / COP			kWh/kWh	2.85 / 3.60	3.40 / 3.39	3.25 / 3.34	3.40 / 3.90
SEER / SCOP			kWh/kWh	6.3 / 3.9	7.0 / 4.2	6.8 / 4.2	6.7 / 4.3
Pdesign	Cooling @ 35°C		kW	5	6.8	7.5	9.5
	Heating @ -10°C		kW	2.8	4.1	4.1	5.6
Seasonal Energy Label	Cooling / Heating		-	A++ / A	A++ / A+	A++ / A+	A++ / A+
Annual Energy Consumption	Cooling / Heating		kWh	278 / 1,005	340 / 1,367	386 / 1,367	496 / 1,823
Dehumidification Rate			l/h	1.8	2.6	3.1	2.5
ODU Sound Pressure Level	Cooling / Heating	Rated	dB(A)	49 / 52	48 / 53	50 / 54	54 / 56
ODU Sound Power Level	Cooling	Rated	dB(A)	65	65	67	70
Piping Connections	Liquid		mm (inch)	Ø6.35 (1/4)	Ø9.52 (3/8)	Ø9.52 (3/8)	Ø9.52 (3/8)
	Gas		mm (inch)	Ø9.52 (3/8)	Ø15.88 (5/8)	Ø15.88 (5/8)	Ø15.88 (5/8)
	Connections Method		-	Flared	Flared	Flared	Flared
Operation Range (Outdoor)	Cooling	Min. / Max.	°C	-10 / 50	-10 / 48	-10 / 48	-20 / 50
	Heating	Min. / Max.	°C	-10 / 18	-15 / 18	-15 / 18	-15 / 18
INDOOR				CT18F NQ0	CT24F NB0	UT30F NB0	UT36F NAO
Power Supply			Ø / V / Hz	1 / 220-240 / 50	1 / 220-240 / 50	1 / 220-240 / 50	1 / 220-240 / 50
Power Input (IDU)			H / M / L W	30 / 26 / 22	36 / 26 / 21	40 / 33 / 26	60 / 50 / 45
Air Flow Rate			H / M / L m³/min	13 / 12 / 11	18 / 15.5 / 14	19 / 17 / 15.5	27.5 / 25 / 22.5
Dimensions	Body	W x H x D	mm	570 x 256 x 570	840 x 204 x 840	840 x 204 x 840	840 x 288 x 840
Weight	Body		kg	13.9	21.1	21.1	25.3
Sound Pressure Level	Cooling	H / M / L	dB(A)	41 / 39 / 37	38 / 36 / 34	40 / 37 / 35	44 / 42 / 41
Sound Power Level	Cooling	Max.	dB(A)	57	53	57	61
Piping Connections	Drain	O.D. / I.D.	mm	Ø32.0 / 25.0	Ø32.0 / 25.0	Ø32.0 / 25.0	Ø32.0 / 25.0
Recommended Decoration Panel*	Model Name		-	PT-QAGW0	PT-AAGW0	PT-AAGW0	PT-AAGW0
	Color		-	White	White	White	White
	Dimensions	Body	mm	620 x 34 x 620	950 x 35 x 950	950 x 35 x 950	950 x 35 x 950
	Weight		Body	kg	3.0	7.1	7.1
OUTDOOR				UUA1 ULO	UUB1 U20		UUC1 U40
Power Supply			Ø / V / Hz	1 / 220-240 / 50	1 / 220-240 / 50		1 / 220-240 / 50
Circuit Breaker			Min. A	15	20		25
Power Supply Cable (Included Earth)			No x mm³	3C x 1.5	3C x 2.5		3C x 2.5
Dimensions	Net	W x H x D	mm	770 x 545 x 288	870 x 650 x 330		950 x 834 x 330
Weight	Net		kg	33.3	44.5		57.7
Compressor	Type		-	Twin Rotary	Twin Rotary		Twin Rotary
Refrigerant	Type		-	R32	R32		R32
	GWP (Global Warming Potential)		-	675	675		675
	Precharged Amount		kg	1.0	1.2		1.9
	t-CO <sub>2</sub> eq		-	0.675	0.81		1.283
	Additional Charge (After 7.5m)		g/m	20	40		40
Fan	Air Flow Rate	Rated	m³/min x No.	28 x 1	50 x 1		58 x 1
Total Piping Length			Min. / Max. m	5 / 30	5 / 35		5 / 50
Piping Elevation	IDU - ODU	Max.	m	30	30		30

\* Decoration panel can be selected as an optional accessory.

Note :

1. Due to our policy of innovation some specifications may be changed without notification.
2. Performances are based on the following conditions (It is accordance with EN14511)
  - Cooling : Indoor Ambient Temp 27°C DB / 19°C WB, Outdoor Ambient Temp 35°C DB / 24°C WB
  - Heating : Indoor Ambient Temp 20°C DB / 15°C WB, Outdoor Ambient Temp 7°C DB / 6°C WB
  - Interconnected Pipe is standard length and difference of Elevation (Outdoor - Indoor Unit) is 0m.
3. Sound Level Values are measured at Noise Measuring chamber accordance with standard. Therefore, these values depend on the ambient conditions and values are normally higher in actual operation.
4. This product contains fluorinated greenhouse gases. (R32)





**Megaclima**  
— DESDE 1993 —



video 2"



**Apresentação  
Megaclima**

video 4"



**Academia  
Megaclima**

video 7"



**Por dentro da  
Megaclima**

## *30 Anos na climatização e tratamento de ar*

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