

Hisense



EUROPEAN Air conditioners 2023



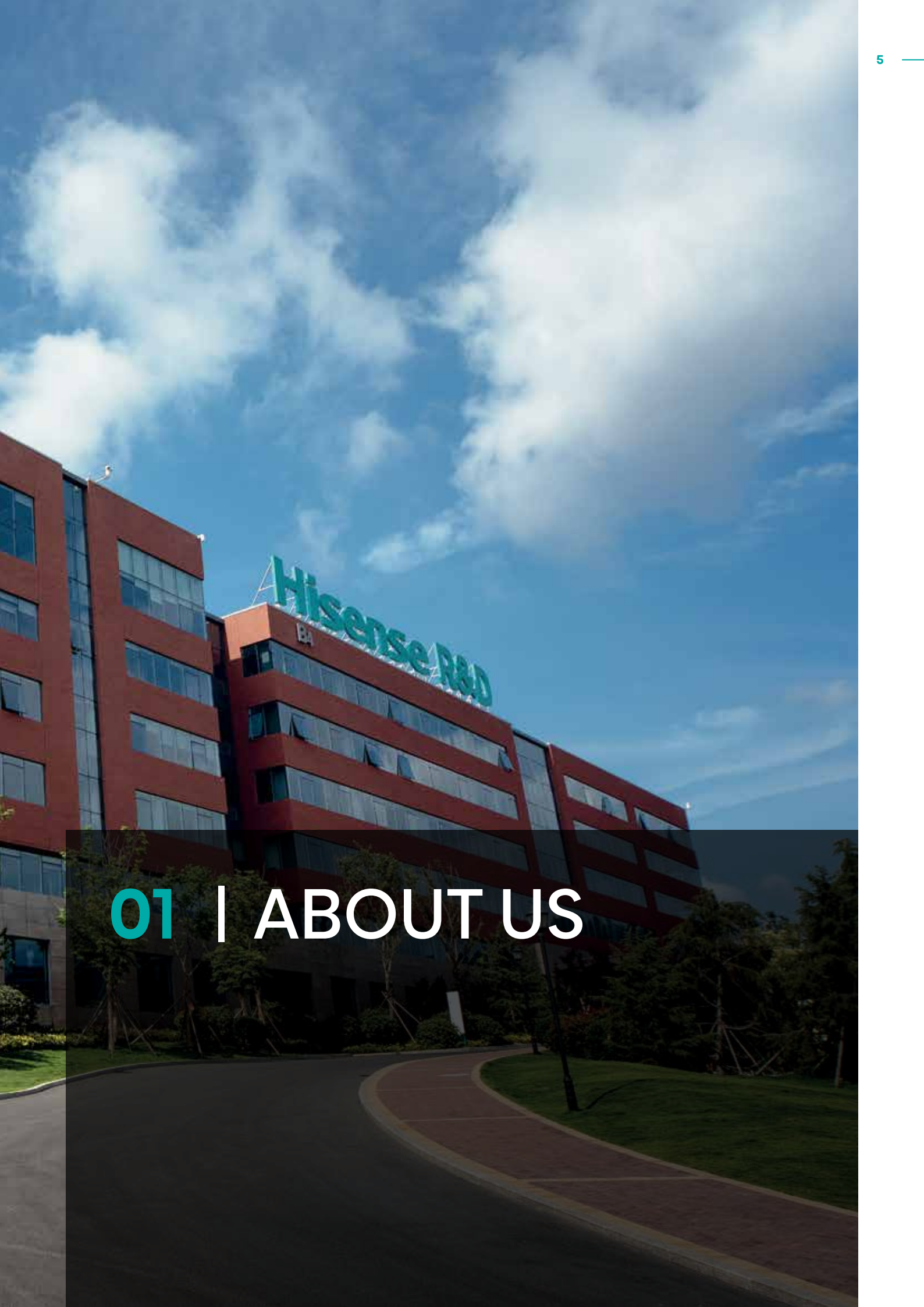
red dot



global.hisense.com

01	About us	04-07	03	Portable air conditioners	54-65
02	Mono-split air conditioners	08-53	04	Multi-split air conditioners	66-99
	Line up	10-11		Line up	68-69
	Features	12-25		Multi-Outdoor	70-78
	Products	26-47		Wall Mounted Multi-Split	79-81
	Energy Nordic	26-27		Cassette	82-87
	Energy Pro Plus	28-29		Duct	88-91
	Fresh Master	30-31		Ceiling Suspended	92-95
	Energy SE	32-33		Console	96-99
	Hi Comfort	34-35	05	Floor standing air conditioners	100-107
	Mini Apple Pie	36-37	06	Control System & accessories	108-113
	New Comfort	38-39			
	Wings Pro	40-41			
	Wings	42-43			
	Expert Smart	44-45			
	Easy Smart	46-47			
	Installation Drawings	48-51			
	Technical specifications	52-53			



A photograph of a modern, multi-story red brick building with large glass windows. The building is identified by a large green sign on its roof that reads "Hisense R&D". The building is set against a bright blue sky with scattered white clouds. In the foreground, there is a paved road that curves to the right, bordered by a green lawn and some young trees. A semi-transparent dark grey rectangular box is overlaid on the lower half of the image, containing the text "01 | ABOUT US".

01 | ABOUT US

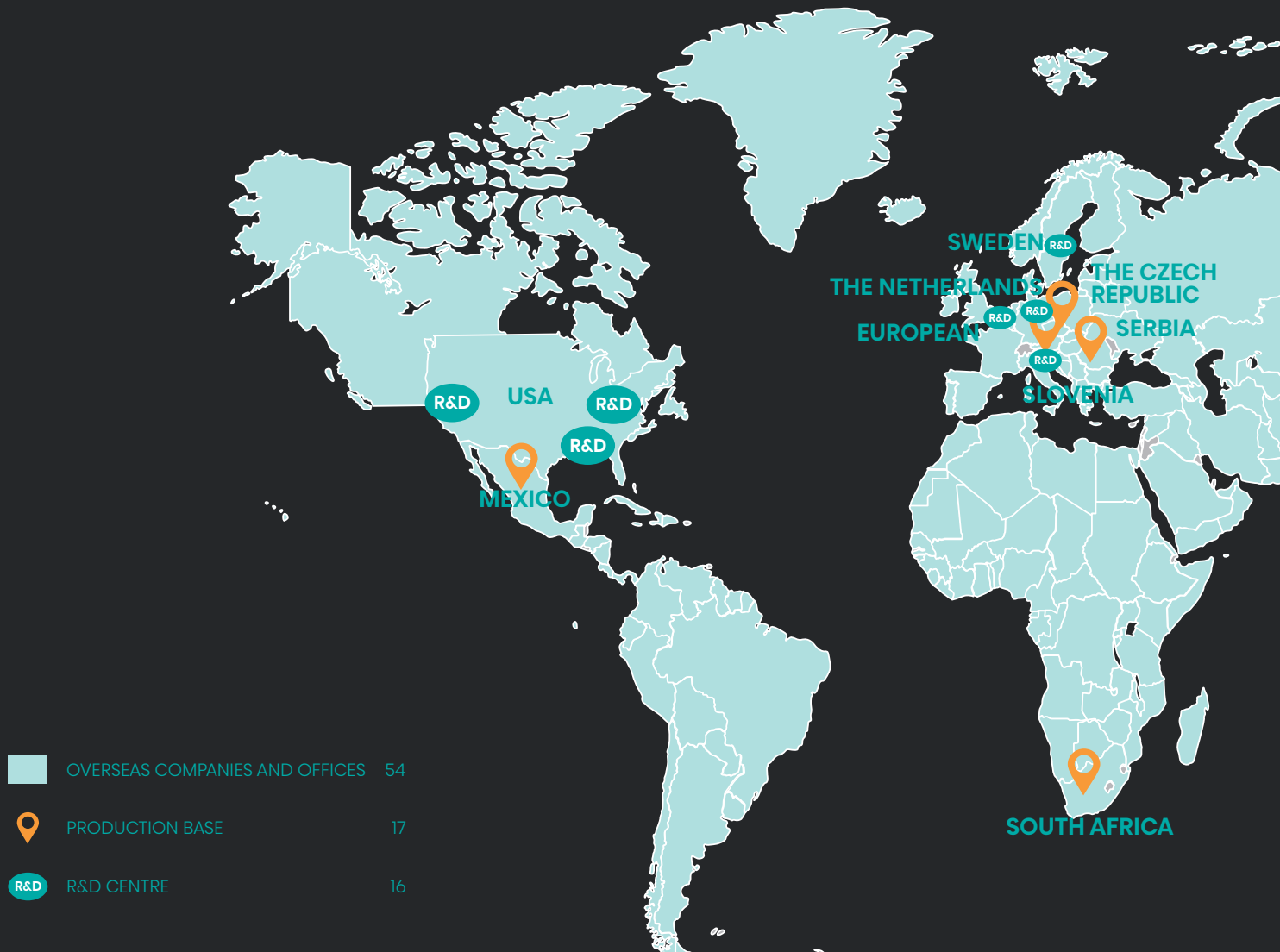
Trusted by millions all over the world



Hisense was founded in 1969. At present, Hisense owns two listed companies - Hisense Visual Technology Co., Ltd. (600060) and HISENSE HA. (SZ000921, HK00921), listed in Shanghai, Shenzhen and Hong Kong. And it also owns many

brands including Hisense, Toshiba, Gorenje, ASKO, Kelon and Ronshen. In 2020, the overseas revenue gained 6.4 billion USD. In 2021, it achieved 11.3 billion USD, with a year-on-year growth of 43%

Global network



With the products exported to over 160 countries and regions, Hisense has sponsored the world's top sporting events such as UEFA EURO 2016 and 2020, and 2018 and 2022 FIFA World Cup. In the China National Image Global Survey released by China International Publishing Group, Hisense was one of the "Top Ten most

familiar Chinese brands to overseas citizens" for five consecutive years. What's more, Hisense is the first batch of innovative enterprises in China and has won the "National Quality Award" twice. Hisense Group has 14 industrial parks, which are located in Qingdao, Shunde, Huzhou, Czech Republic, South Africa, Mexico and

so on. There are also 17 R&D centers located in Qingdao, Shenzhen, USA, Germany, etc. The number of R&D personnel reached 7000 with more than 3000 Master's degree and more than 100 PhD, with which Hisense initially established a global collaborative R&D system.







02 | MONO-SPLIT AIR CONDITIONERS *wall-mounted*

Line up

Inverter

Energy Nordic

A+++ / A+++



3500 W
QH35XV0EG
QH35XV0EW

Energy Pro Plus

A+++ / A+++



2600 W
QG25XV0EG
QG25XV0EW



3500 W
QG35XV0EG
QG35XV0EW

Fresh Master

A+++ / A+++



2500 W
QF25XW0EG
QF25XW0EW



3500 W
QF35XW0EG
QF35XW0EW

Energy SE



2600 W
KA25MR0EG
KA25MR0EW



3500 W
KA35XR0EG
KA35XR0EW



5000 W
KA50BS0EG
KA50BS0EW



7000 W
KA70KT0EG
KA70KT0EW

Hi-Comfort



2600 W
KE25YR4EG
KE25YR4EW



3500 W
KE35MR0EG
KE35MR0EW



5000 W
KE50BS0EG
KE50BS0EW



7000 W
KE70BT2EG
KE70BT2EW

Mini apple pie



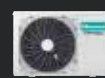
2600 W
TG25LE0BG
TG25LE0BW



3500 W
TG35LE0BG
TG35LE0BW



5000 W
TG50XA0BG
TG50XA0BW



7000 W
TG70BB0CG
TG70BB0CW

New Comfort



2600 W
DJ25LE0EG
DJ25LE0EW



3500 W
DJ35LE0EG
DJ35LE0EW

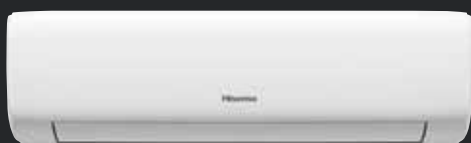


5000 W
DJ50XA0EG
DJ50XA0EW



7000 W
DJ70BB0EG
DJ70BB0EW

Wings Pro



2600 W
KB25YR3EG
KB25YR3EW



3400 W
KB35YR3EG
KB35YR3EW



5000 W
KB50XS1EG
KB50XS1EW



6500 W
KB70BT1EG
KB70BT1EW

Wings



2600 W
KB25YR3FG
KB25YR3FW



3400 W
KB35YR3FG
KB35YR3FW



5000 W
KB50XS1FG
KB50XS1FW



6500 W
KB70BT1FG
KB70BT1FW

Expert Smart



2600 W
CF25YR1FG
CF25YR1FW



3400 W
CF35YR1FG
CF35YR1FW



5000 W
CF50XS1FG
CF50XS1FW



6500 W
CF70BT1FG
CF70BT1FW

Easy Smart



2600 W
CA25YR03G
CA25YR03W



3400 W
CA35YR03G
CA35YR03W



5000 W
CA50XS1AG
CA50XS1AW



6500 W
CA70BT1AG
CA70BT1AW

Technology



Simple and reliable Wi-Fi operation

Wi-Fi control

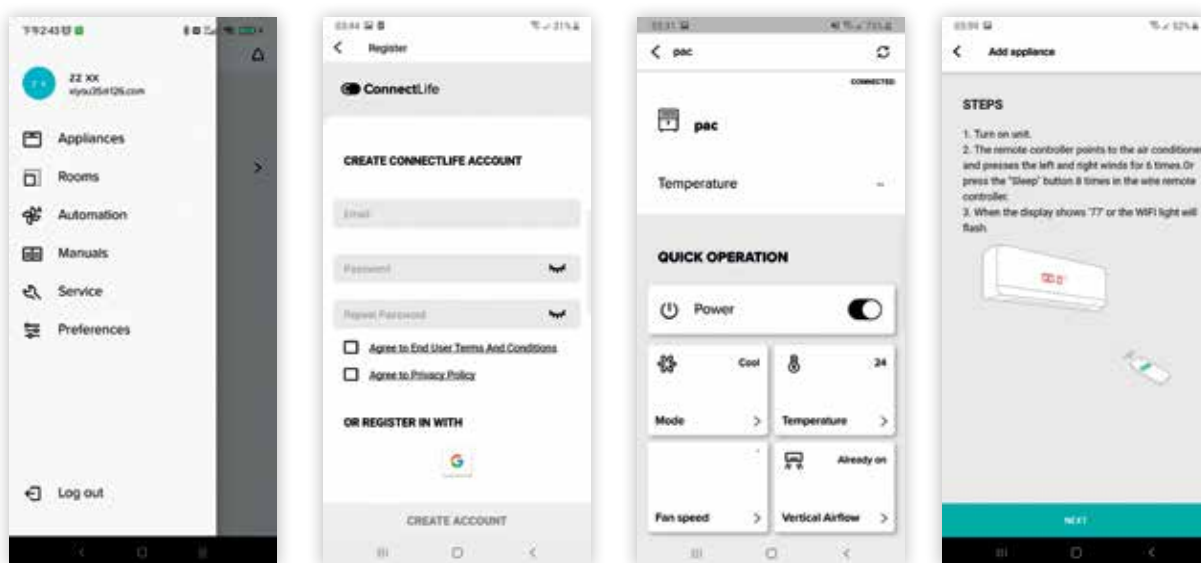
Control your air conditioner anytime and anywhere conveniently – inside and outside your home using just your Android or iOS device. Simply ensure a comfortable living environment at home at all times.



Intelligent control from anywhere and anytime

ConnectLife APP

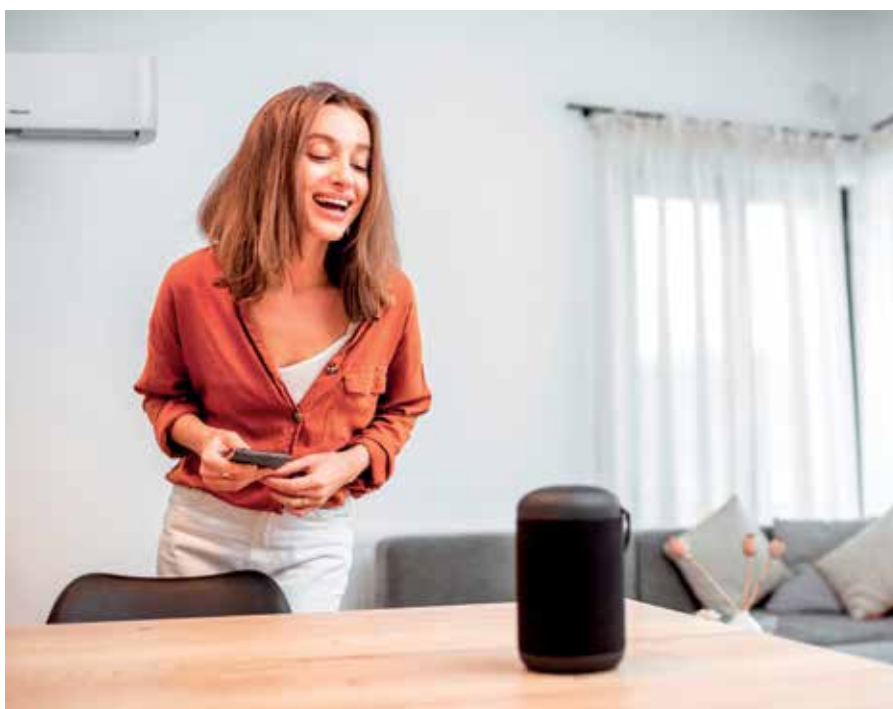
Monitor and manage your air conditioner conveniently and easily anytime from anywhere. You can get the status information of your air conditioner, check the temperature and humidity in the room, update cycles for your smart air conditioning or activate intelligent functions and more. The application is available in Google Play and App Store.



Master your life

Smart voice control

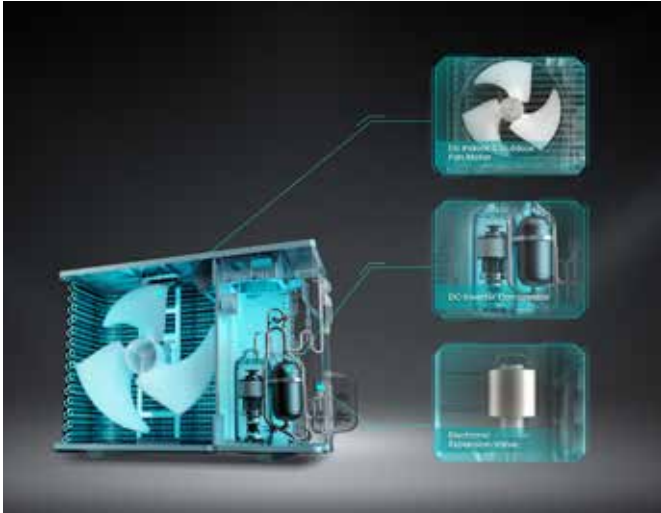
The new ConnectLife APP is compatible with Google virtual assistant or Amazon Alexa to lead the smart life. Thanks to voice interaction, it is possible to switch on, off and regulate the temperature, as well as setting the operating mode (cooling or heating).



High-end technology for best performance

360° Full DC inverter

360° Full DC inverter technology is a collection of high-end technology, which realizes intelligent operation of air conditioner and minimizes energy loss. The compressor runs more efficiently and smoothly, the temperature control is more precise, and the unit is quiet.



Improving the efficiency in winter

Outdoor unit chassis heater

Special outdoor chassis heater improves the defrosting efficiency of the chassis in winters and therefore helps to maintain your air conditioner's optimum heating performance throughout the entire season and to extend the unit's life span.



Less Energy, higher Comfort

Economy mode operation

Without complicated settings, the AC immediately enters into energy saving mode to minimize power consumption while providing comfort



Automatic protection

Self-diagnosis

In case of failure, the error code is clearly displayed and easy to repair. In case of system overload, the emergency power off is initiated automatically to ensure safety.



Two ways to suit your needs

Dual drainage

Drainage, electrical and gas connection from either the left or the right side allows easier installation. It is easy to install, and you can choose from left or right to best suit your needs.



Saving the energy

1 W standby

In standby mode, the air conditioning device automatically starts the energy saving mode. Instead of 5 W, only 1 W per hour is used, which means 80 % energy savings.



Manage your energy consumption

Power statistic display

Data about Power consumption of the air conditioner is displayed on the application thus you can check it at anytime and manage your energy consumption to reduce costs.



Turbo mode

Super Cool

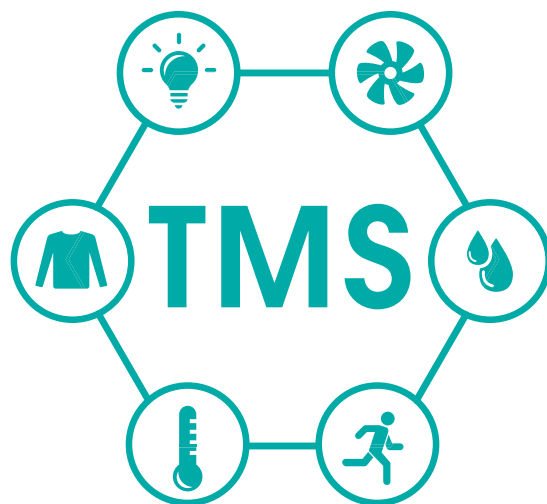
The turbo frequency increase technology enables rapid cooling or heating and allows you to enjoy larger airflow, so to feel comfortable in a shorter time.



Intelligent control of temperature, humidity & wind speed

TMS Comfort Control System

Hisense TMS technology is adopted to calculate the indoor environmental parameters which fit to users, based on six dimensions of temperature, humidity, wind speed, thermal radiation, clothing quantity and activity. It intelligently controls room temperature, humidity and wind speed.



Convenience assured

Easy installation

Gas and liquid pipes can be connected when AC hang on the wall with unique easy installation structure, which is convenient and efficient. Easy installation improves installation efficiency up to 35%.



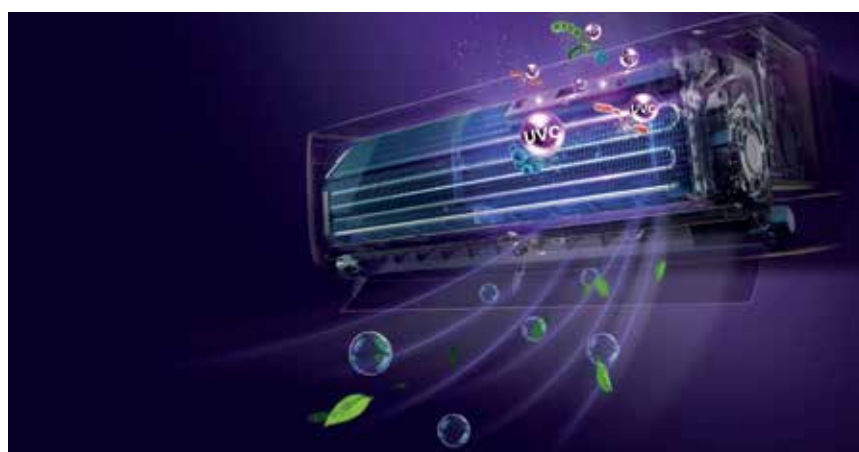
7 protection levels for the longevity

Multi anti-corrosion protection

The exterior housing is protected by hot-dip galvanized steel plate and ceramic baking paint. By double zinc layer, double zinc-iron soluble layer, steel matrix, powder curing layer, ceramic paint layer they form a strong seven-fold protection and greatly extend the service life of outdoor machines.



Wellbeing



In charge of Healthy air

HI-UVC sterilization

The UVC function is responsible for healthy air. The technology have advantage of long life, energy saving, no preheating and environment friendly. It has excellent killing effect on bacteria and viruses thus test reports from SGS laboratory prove that UVC function sterilize more than 99% of S.Aureus, E.Coli and H1N1 in 30 minutes.

*All the test results comes from the test of Hisense HI-UVC function by SGS in a 1 m³ test chamber.

Keeping efficiency high and air clean

Dual self-cleaning

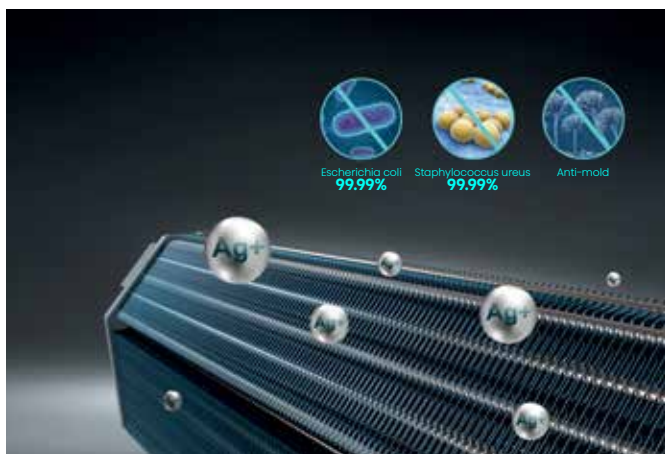
Hisense's patented second generation cleaning technology takes care of indoor and outdoor unit's maximum performance. Purification process via frosting and defrosting cycle and high-temperature drying remove dust, bacteria and oil from the units effectively and easily to keep the air conditioner clean and safe.



Eliminates the bacteria and brings you fresher air

Hydrophilic and anti-virus aluminum fin

Special painting formula on the evaporator, highly enhance the function of antibacterial and dust clearance.



Clear air delivery system

Cold plasma generator

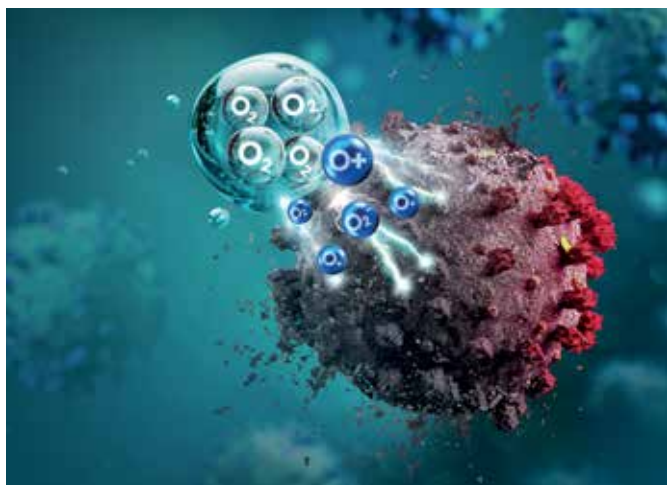
Cold plasma technology is a unique technology that deters odors and is a great clear air delivery system. Plasma dramatically reduces the harmful contaminants in the air and takes care of your well-being.



Protects your home and your health

HI-NANO

HI-NANO can effectively remove viruses and bacteria including Coronavirus (COVID-19) by releasing high concentration ions, creating a healthy environment and protecting health. HI-NANO has been proven to remove 92.6%* H1N1 and sterilize 88.54%* of E.coli in 2 hours. The Healthy high-concentration ions also can effectively remove airborne dust as HI-NANO has been proven to remove 60.07%* of PM2.5 in 2 hours, purifying the air around you. The HI-NANO technology has been proven safe and has been authorized to apply the UL mark.



Fresh air every day

Fresh Air Technology

Due to the patented Fresh Air technology, the Hisense Fresh Master refreshes the whole room in just 3 minutes by introducing fresh and purified air from outdoors at a rate of 50m³/h. It detects CO₂ concentrations automatically, and signals the air quality on an LED display.



Energy saving, low carbon and environment friendly

Green and Safe refrigerant

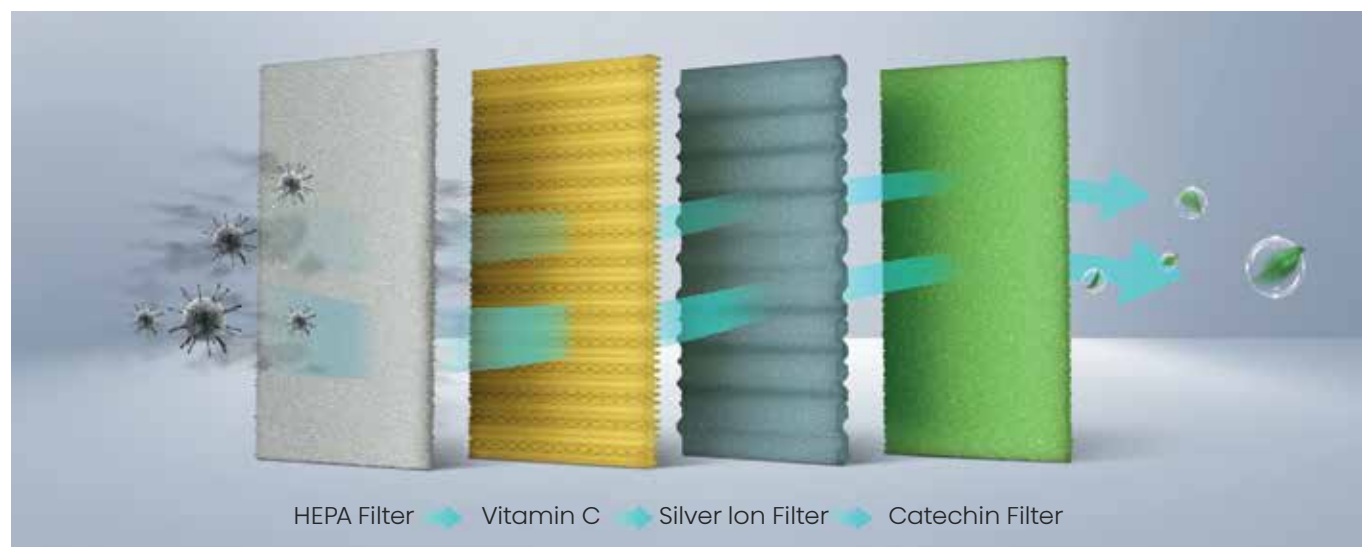
The R32 is environment-friendly refrigerant with a higher cooling capacity at the same volume, thus less refrigerant is needed in every device. Advantages of R32 refrigerant are: zero impact on ozone in the air, 66% lower GWP (impact on global warming) than gas R410A, higher energy efficiency, high thermal conductivity and cooling capacity.



High quality air assured

Multi-layer air purifying technology

Air travels through multiple filters and each has the function to provide you with better and healthier air. The most common filters in our ACs are Vitamin C filter, Catechin filter, Silver Ion filter and HEPA filter.



HEPA filter

A highly efficient HEPA filter, which captures 80 % more of dust particles than classical filters, ensuring even fresher and purer ambient air.

Vitamin C

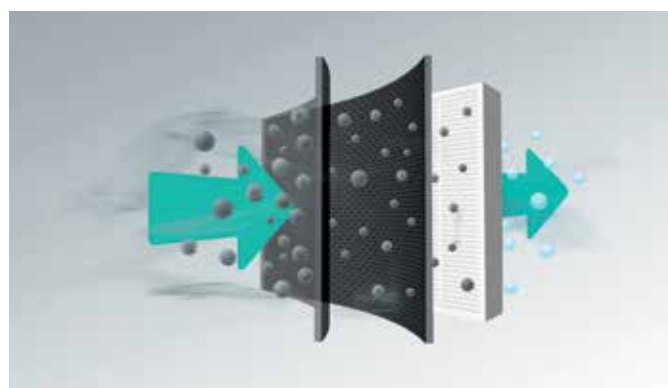
Vitamin C filters are an added protection that provides extremely clean air. Such pure air is healthy for the skin, as it does not cause itching, softens the skin and reduces stress while providing therapeutic benefits.

Silver ion filter

Silver ion filter is a highly efficient sterilizing filter that effectively stops bacteria from growing.

Catechin filter

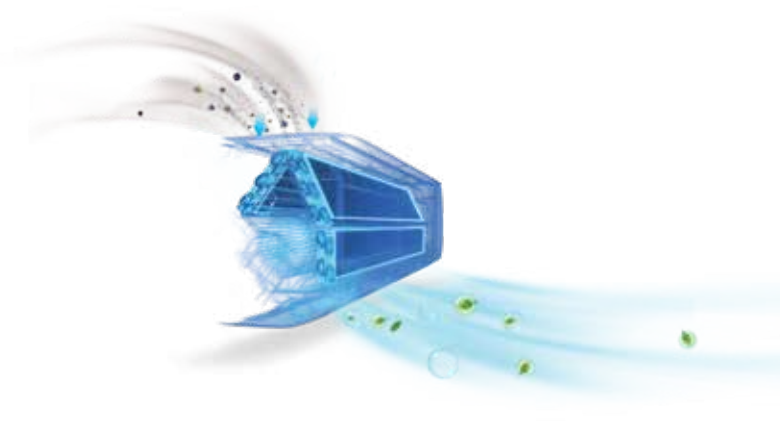
Catechin is an extract from green tea, which, thanks to its oxidation and sterilization effects, is added to the filters. Active enzymes create a benzene core that absorbs unpleasant odor and harmful substances in the atmosphere. The catechin filter intercepts and sterilizes dust particles effectively and in the long term. Its antibacterial effect destroys more than 95% of bacteria.



Absorbs particles and unpleasant odour

Active carbon filter

The Active Carbon filter includes a charcoal which in addition to particles, captures also chemicals, fumes, and cigarette smoke. Thus, it is the perfect solution to absorb and remove the air unpleasantities, so you can enjoy the fresh and clean air.



Prevents mildew accumulation

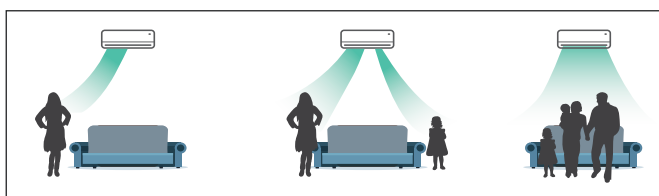
Mildew proof

After turning off the air conditioner, the indoor fan will keep running for additional 30 seconds to dry the evaporator. With preventing mildew accumulation on the evaporator, you will keep the air healthy.

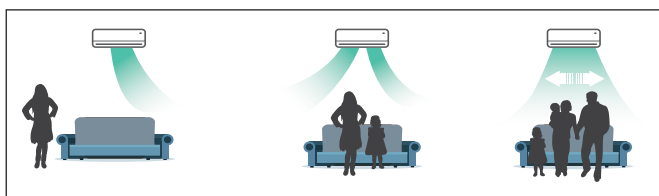
Comfort & practicality



 Follow



 Avoid



Optimum air distribution

Follow/Avoid mode

The left and right independent air deflector design allow the user to control the wind by remote. The wind will follow or avoid people, so one will feel perfectly comfortable all the time.

Smart sensing for perfect air deliverance

Smart eye

The smart eye senses the position and heating flow information of human body and accordingly, adjusts the wind direction of the air conditioner. The wind will thus be smartly delivered to the user's area, so that one feels perfectly cool.



Managing air purity easily

Air Quality display

A special sensor is detecting the CO₂ concentration in the room, signaling you the quality of the air you breathe. The red icon indicates poor air quality, yellow indicates average quality, and green icon indicates good air quality. In case of red air quality, just turn on the Fresh air function and regain fresh air.



Automatic louver swinging

4D auto swing

By automatic movement of horizontal louvers in a specific order, the device ensures optimum distribution and flow of cool or warm air through the room in all four directions. The remote controller can also set fixed louver angle thus variety of air supply options to meet different needs.



Saving time with easiness

Easy maintenance

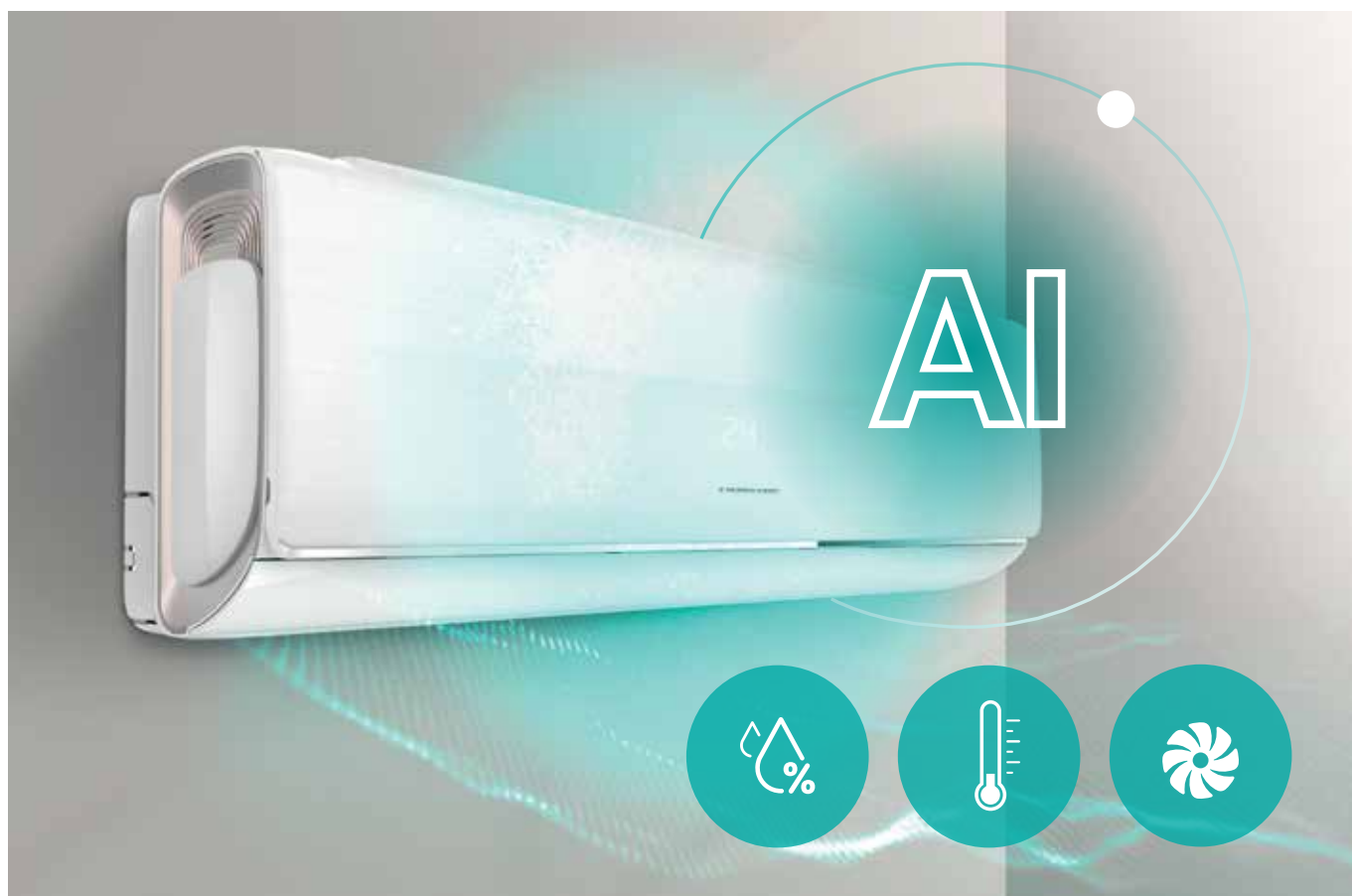
With the new indoor machine structure, you have no need to move evaporator when disassembling indoor electromechanical machine. Maintenance and efficiency are thus much improved.



Intelligence that works with you

AI Smart

With just one button, you can wake up the intelligent air steward and control temperature, humidity, wind direction and air volume in an all-round way. There is no need to worry about how to use the air conditioner, AI will do it for you.



Save energy & keep your home from freezing

8°C heating

In chilly winter, the special heating mode keeps your home from freezing, by maintain it at 8°. When you are away from home for long periods, you will save energy, protect the furniture and water pipes, or offer the comfortable situation for the pets.



Super heating capacity

Heating at - 25°C

Being able to provide heat in - 25°C ambient is supported by our preheating technology and electric heating chassis technology. You will enjoy the sunny warm with perfect heating capacity in chilly winter.



Best temperatures for everybody's vital sleep

Four sleep modes

Sleep is vital for our body and resting comfortably brings benefits for our health. Selectable sleep modes are providing different sleep temperature, caring for all family members: adult, elderly, youth, children. The temperature curve will adjust automatically and intelligently, so you can fall asleep comfortably.



Night mode operation

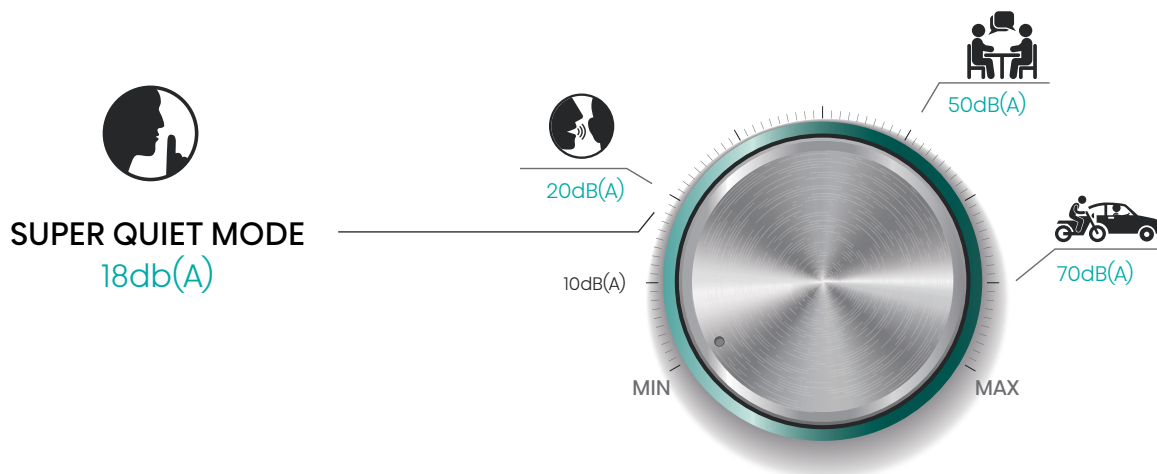
Sleep mode

This function enables automatic increasing of set temperature by 2°C after one hour of operation. The temperature then remains constant and you can benefit from a comfortable sleep environment.

Reducing noise to your convenience

Silent operation

The noise lowers to 18dB (A), helping to give you a quiet and comfortable environment, making you feel like a walk on the moon.



Preset daily mode operation

Timer 24 h

You can set a specific time during the day to have the AC automatically turned on or off. No worries, just a simple pleasure of all-ways being in right temperature.



One click for perfect room temperature

Smart mode

Just press the "Smart" button and the air conditioner will automatically adjust to the most comfortable temperature according to the room temperature.



Adjusting the temperature with remote

I FEEL

The remote control measures the room temperature and relays the information to the unit. Not only the indoor temperature, but also the temperature around the user is transmitted to the indoor unit through the sensor on the wireless remote control. The indoor unit is operated and adjusted according to the perceived temperature to achieve intelligent temperature control in the room.



Technical specifications

Wings

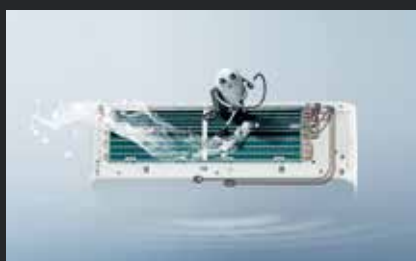
R32

SCOP
4

R2-01
Remote controller



YXE-C01U1(E)
Wired controller
(optional)



Self-Clean



Cold Plasma Generator



Wi-Fi Control



Carbon Filter



4 in 1 Filter



Cold Plasma
Generator



Anti-bacteria Fin



WiFi Control



Voice Control



I Feel



Smart Mode



Comfortable
Sleep



19 dB



Dimmer



Timer 24 h



Super Cool



8 °C Heating



Heating
at -20 °C



Easy Installation



Easy
Maintenance



Left/Right
Draining



Wired Controller
optional



Room card
control optional



Economy mode
operation



3 min Protection



Intelligent
Defrost



LED Hidden
Display

Note: WINGS PRO includes HI-NANO and Outdoor unit chasis heater (Heating belt) features, without Active carbon filter and cold plasma generator.

Model		KB25YR3F	KB35YR3F	KB50XS1F	KB70BT1F
Model name	Indoor Unit	KB25YR3FG	KB35YR3FG	KB50XS1FG	KB70BT1FG
	Outdoor Unit	KB25YR3FW	KB35YR3FW	KB50XS1FW	KB70BT1FW
Model code	Indoor Unit	20003831	20003832	20003833	20003834
	Outdoor Unit	20003860	20003861	20003862	20003863
Cooling Capacity	W	2600 (1000-3000)	3400 (1000-4000)	5000 (1000-6000)	6500 (1600-7200)
Rated Input-Cooling	W	855 (190-1500)	1140 (190-1600)	1540 (260-2300)	2060 (420-2760)
Rated Current Cooling	A	3.9	5	6.9	9.2
Heating Capacity	W	2700 (1000-3000)	3800 (1000-4200)	5600 (1600-6250)	7100 (1800-7300)
Rated Input-Heating	W	700 (190-1500)	1050 (190-1600)	1550 (350-2300)	2150 (395-2700)
Rated Current Heating	A	3.1	4.7	7	9.6
Voltage, Frequency, Phase	V - Hz - Ph	220-240V ~ 50Hz, 1P	220-240V ~ 50Hz, 1P	220-240V ~ 50Hz, 1P	220-240V ~ 50Hz, 1P
SEER	Cooling	6.1	6.1	6.1	6.2
SCOP	Heating Average	4	4	4	4
SCOP	Heating Warmer	5.1	5.1	5.1	5.1
Energy Class	Cooling	A++	A++	A++	A++
Energy Class	Heating	A+	A+	A+	A+
Moisture Removal	L/hour	0.9	1.2	2	2.2
Air flow					
Air Circulation (H/HM/M/ML/L)	m³/h	550	550	880	1100
Noise power/pressure					
Indoor Unit Noise Level - Sound Power	dB (A)	56	56	59	63
Indoor Unit Noise Level - Sound Pressure (H/HM/M/ML/L/Quiet)	dB (A)	39/37/34/32/29/24	39/37/34/32/30/24	44/42/40/37/36/31	45/42/40/38/35/32
Outdoor Unit Noise Level - Sound Power	dB (A)	62	62	63	65
Outdoor Unit Noise Level - Sound Pressure	dB (A)	52	52	53	55
Refrigerant					
Refrigerant	/	R32	R32	R32	R32
Refrigerant charge volume	g	460	580	1150	1320
Connecting Pipe Diameter					
Liquid Pipe	inch (mm)	1/4 (6.35)	1/4 (6.35)	1/4 (6.35)	3/8 (9.52)
Gas Pipe	inch (mm)	3/8 (9.52)	3/8 (9.52)	1/2 (12.7)	5/8 (15.87)
Max length of pipe	m	20	20	20	20
Max height difference	m	10	10	15	15
Dimensions					
Net Dimensions - Indoor Unit	mm (WxHxD)	833×256×203	833×256×203	943×300×245	1032×327×227
Net Dimensions - Outdoor Unit	mm (WxHxD)	660×483×240	660×483×240	810×585×280	860×667×310
Net Weight - Indoor Unit	kg	7.7	7.7	10	11
Net Weight - Outdoor Unit	kg	21.7	22	34	42
Packing Dimensions - Indoor Unit	mm (WxHxD)	890×320×260	890×320×260	995×365×310	1120×390×315
Packing Dimensions - Outdoor Unit	mm (WxHxD)	780×530×315	780×530×315	940×630×385	995×720×420
Gross Weight - Indoor Unit	kg	9.5	9.5	12	13.5
Gross Weight - Outdoor Unit	kg	25	25	38.5	46
Loading Capacity (20°/40°/40°HC)	sets	150/310/342	150/310/342	86/178/202	66/134/152
Operating temperature					
Operating Temp Range	Cooling (°C)	- 15 °C - 50 °C	- 15 °C - 50 °C	- 15 °C - 50 °C	- 15 °C - 50 °C
	Heating (°C)	- 20 °C - 24 °C	- 20 °C - 24 °C	- 20 °C - 24 °C	- 20 °C - 24 °C
Useful area					
Max. useful area*	m²	14	24	28	38

* Usable area depends on the building insulation and potential heat sources in the building.