



Velluto



Velluto

ORIGINAL ITALIAN BRAND

**Split type
Air conditioners**

Advanced Processes Manufacturing Techniques

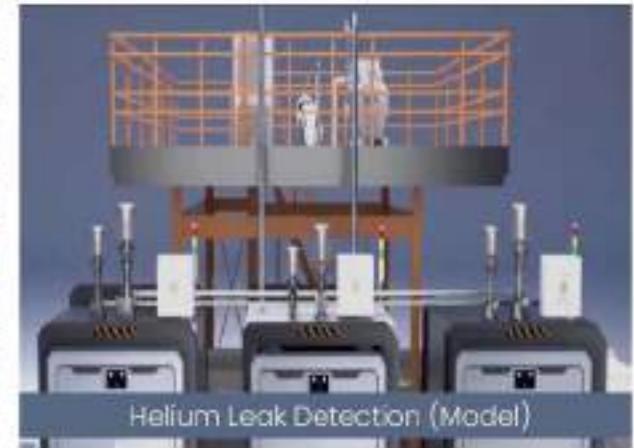
Effectively Ensure Product Quality

Vacuum Environmentally Friendly Degreasing ▾ The first in the industry



Realized a 100% oxygen-free degreasing environment in a vacuum environment, ensured that the residual grease of the heat exchanger is much lower than that of the traditional long-term degreasing process, and guaranteed product's quality and long-term operational reliability.

Vacuum Box Helium Leak Detection ▾



Compared with water leak detection, vacuum helium leak detection has a detection accuracy that is at least 100 times higher. At the same time, combining its own process characteristics, Velluto Air Conditioner was the earliest to establish the industry's first set of high-efficiency fully automatic vacuum ammonia detection production lines for condensers, completely realizing the entire process of unmanned operations such as automatic workpiece loading, automatic in-and-out of the box, automatic detection and determination, and automatic unloading. This effectively guarantees the product's quality and service life.

Copper Tube Chip-free Processing ▾



Velluto was the first in the industry who adopted the debris-free processing technology. This technology uses high-precision circular-edge cutting blades to replace the traditional serrated cutting blades. It effectively avoids the fatal problems that the copper debris generated by the traditional cutting process enters the inside of the copper tube to damage the tooth shape and causes blockages in the capillary and the compressor, ultimately seriously affecting the performance of the heat exchanger.

Integration of Vacuum Pumping & Refrigerant Charging ▾



The vacuuming and refrigerant charging are at the same workstation. That is, the refrigerant charging is carried out immediately after the vacuuming, and there is no waiting time for the product in vacuum state. After the charging, the internal pressure of the product is 10 times of the ambient pressure, eliminating the possibility of air mixing in the system.

Comprehensive Detection and Verification

Effectively Ensure Product Quality

13,000m² Laboratory Area



Salt Spray Test



Rain Shower Test



Anti-electromagnetic Interference Test



Noise Test



Comfort Evaluation Room



Reliability Enhancement Test



Test in Moist State



Xenon Lamp Aging Test



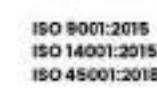
High and Low Temperature Test

Full Coverage Detection

Raw Material + Component + CBU

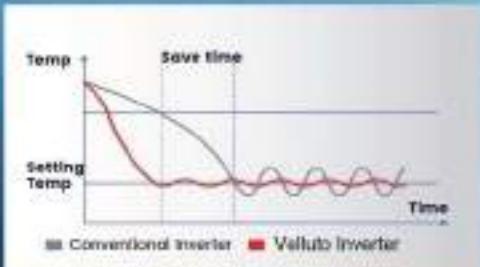
Velluto Air Conditioner has a variety of professional laboratory groups such as the national laboratory, environmental laboratory, safety laboratory, silent laboratory, and comfort evaluation room, laying a scientific and technological foundation for the stability, reliability and environmental adaptability of air conditioning products. It fully demonstrates its strong R&D strength and unremitting pursuit of quality in the field of air conditioning, enabling it to always maintain a leading position in the fierce market competition.

Global Certification



The 5th Generation of Inverter Technology

INVERTER MASTER



Fast Cooling / Heating

Step-up Frequency

Velluto DC Inverter air conditioner adopts a unique step-up frequency technology. Compared with the step speed regulation of DC Inverter air conditioner, it can control the compressor speed more accurately and smoothly thus realizing faster starting speed and fast cooling and heating.



Accurate Temperature Control

Ultra-low Frequency Control

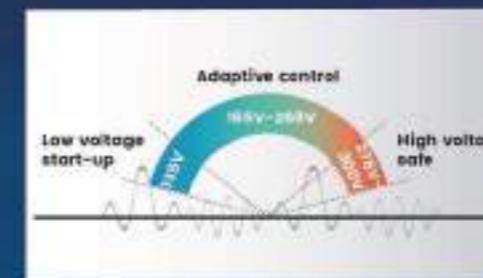
Velluto DC Inverter air conditioner operates at a ultra-low frequency of 1-Hz, which can control the temperature more accurately and maintain constant comfort while saving energy.



Stable Operation

180° Sine Wave Control

Velluto DC Inverter technology has unique and accurate vector control algorithm. The most suitable operation mode can be determined over time, and it could adjust the power output accordingly to make the compressor run smoothly.



Triple Voltage Care

Velluto specially designs triple-voltage protection to easily solve the impact of grid fluctuations on the operation of air conditioners, effectively deal with voltage fluctuations to ensure that the wide voltage operation of air conditioners is applicable, and effectively protect the air conditioners under high voltage impact.

Soft Start

The advanced micro-control technology is used to intelligently adjust the starting voltage and starting current of the compressor, thus effectively reducing the instantaneous current and power when the compressor starts, protecting the compressor and improving the working life of the compressor.



Intelligent Control 2.0

Wifi + Offline Voice Control



Offline Voice Control



- No Network Required
- 300ms Rapid Response
- No need to be restricted by the network, and no need to install an APP.
- English, Arabic, Spanish, Russian are available.
- More languages could be developed.



Program DIY



WIFI Control



Velluto smart air conditioners can be controlled or scheduled from your phone no matter where you are. It's also compatible with the Amazon Echo and Google Home smart-home systems allowing you to control your AC with voice commands. Make your life so easy, so smart.

Multiple Cleaning

AC Clean

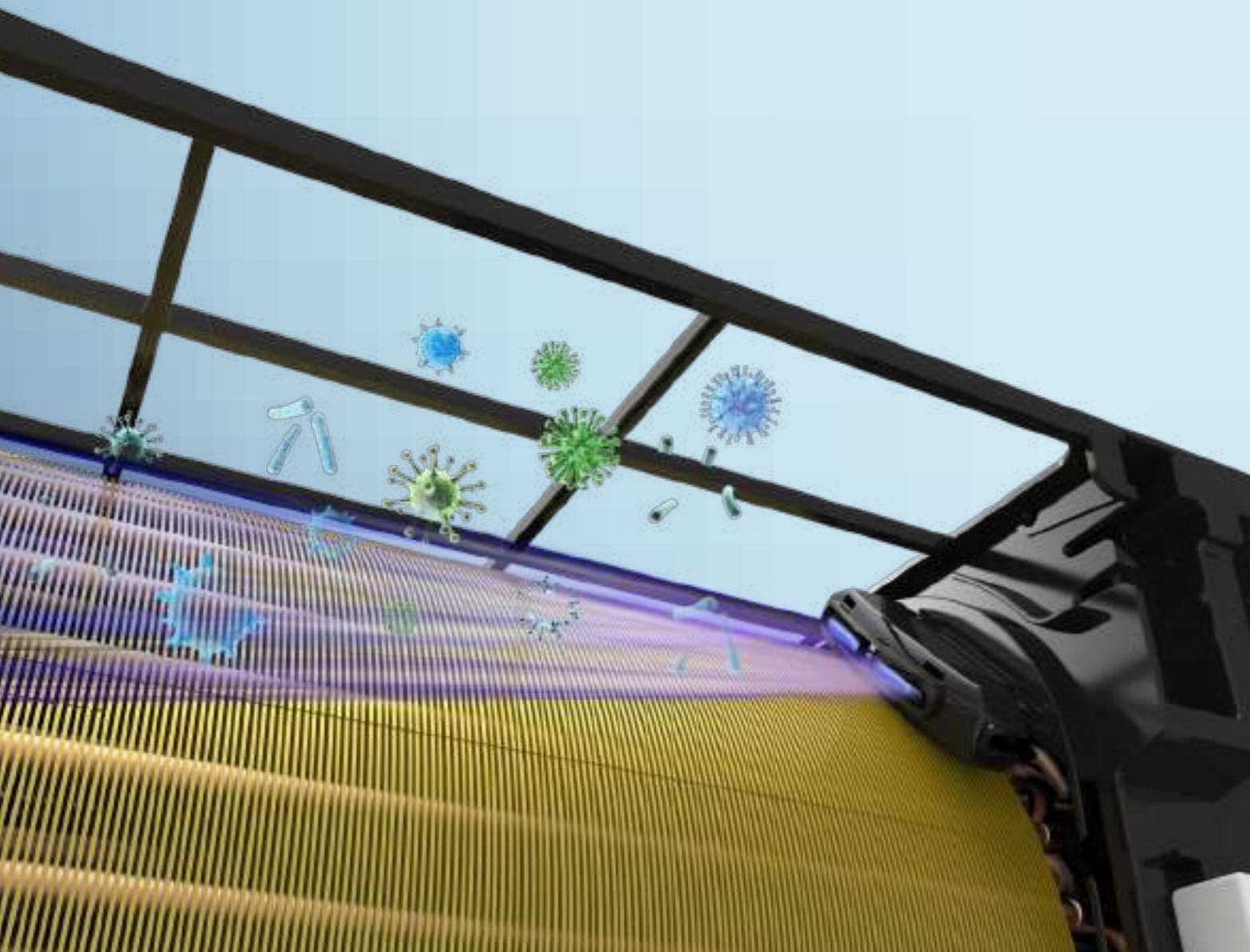


Self-cleaning 58°C Self-cleaning Mildew Proof

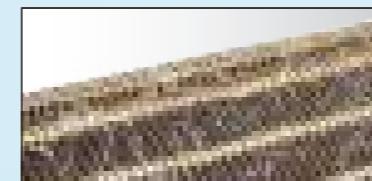
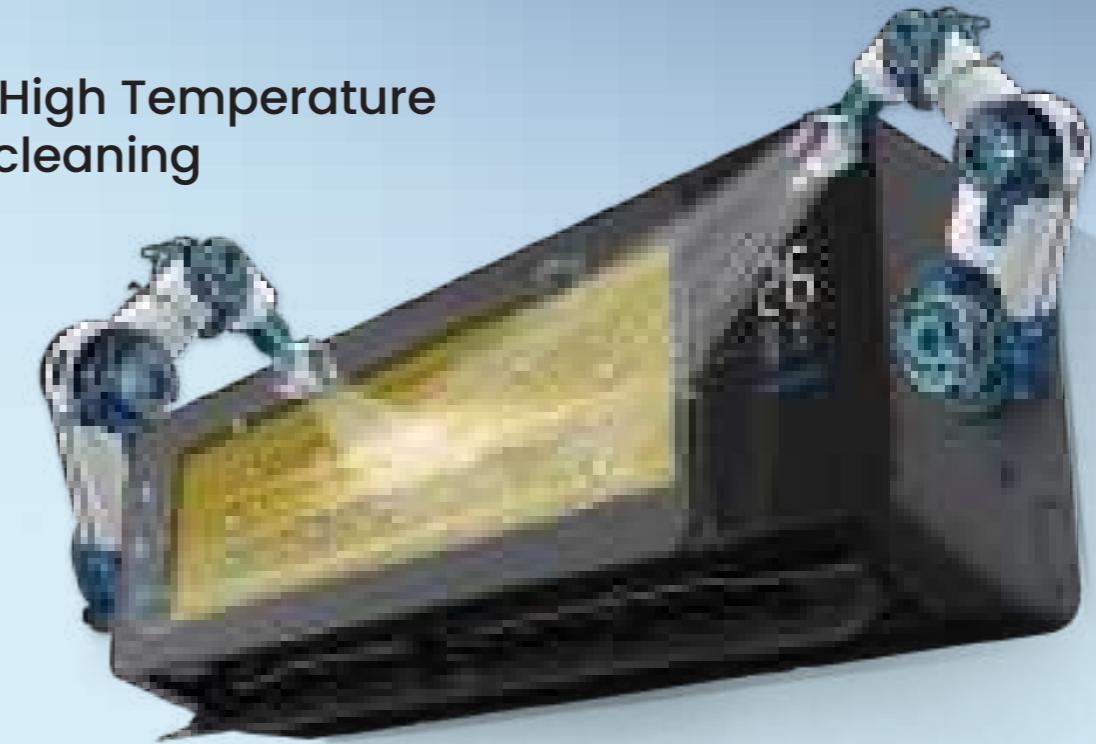
Air Quality



UVC Sterilization Anti Virus Filter 3 in 1 Filter Cold Plasma High Density Filter



58°C High Temperature Self-cleaning



Hydrophilic Coated Film



Step 1
Condesing Step 2
Frosting Step 3
Defrosting and Flushing Step 4
58°C drying and sterilization

After the evaporator surface condenses, the evaporator will quickly cool down and frost, generating a strong cold expansion force to peel off the dirt and defrost and wash it. Then the air conditioner will heat up at a high speed, with the highest temperature reaching 58 °C. The evaporator will be dried and the disinfection will be sterilized at a high temperature.

UVC Sterilization

When this function is turned on, the built-in LED UV light emits light from right to left on the evaporator, and the cross-flow fan drives the room air with virus to pass through the irradiation range of the sterilization module. The viruses are instantly inactivated and cyclic multiple viruses killing is realized.

- Sterilization rate reaches to

99.2%

UVC Third plus Generation

- Double lamp beads design, higher sterilization speed.

Innovation Technology

Health Filter



Cold Plasma

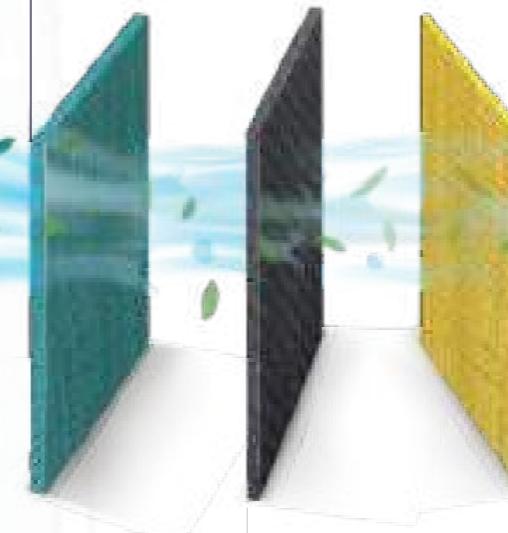


When air goes into the air conditioner and through the cold plasma generator, oxygen molecules create positive and negative ions. These ions move around in the air and interact with bacteria, viruses, and other germs, damage or kill them. Also, negative ions can absorb and remove particles and odors in the air, making it fresher.



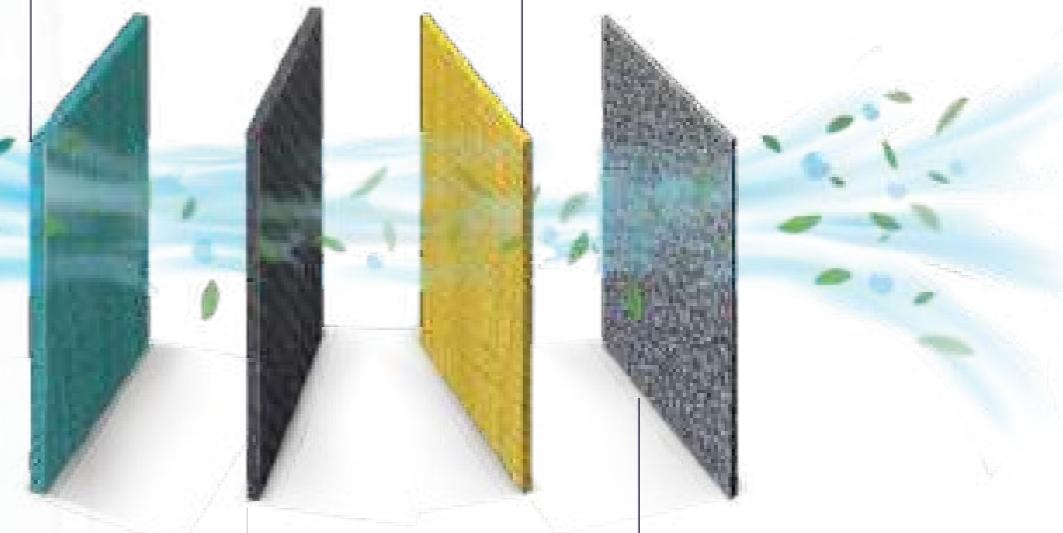
Anti Virus Filter

The anti-virus filter has a bacteriostatic rate of over 99% against bacteria and viruses.



Active Carbon Filter

Absorbs particles and odors in the air.



Silver Ion Filter

Silver ion can combine, destroy protein of bacteria and disturb the composing of DNA of bacteria.

3 IN 1 Filter & High Density Filter

- Purify the air, reducing air-borne particles and lowering the number of allergens in your home.
- Protect your air conditioner to keep it running properly and longer.



Vitamin C Filter

Silver Ion Filter

Active Carbon Filter

Air travels through multiple filters and each has the function to provide you with better and healthier air.

Velluto High Density Filter creates cleaner air with outstanding dust collection due to new improved density of the filter.

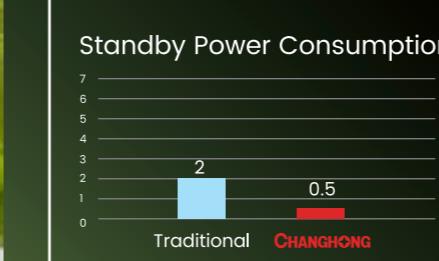
Energy Saving



Convertible 5 in 1



Convertible 5 in 1 mode has five-level power switching, allowing you to control power input and flexibly adjust power based on cooling requirements in different home scenarios, enabling you to enjoy comfort while optimizing energy usage. (Inverter)



0.5w Standby

The digital green power design, industry top standby chip and intermittent oscillation mode are used to reduce the AC stand-by power consumption to 0.5W.



R32 Refrigerant

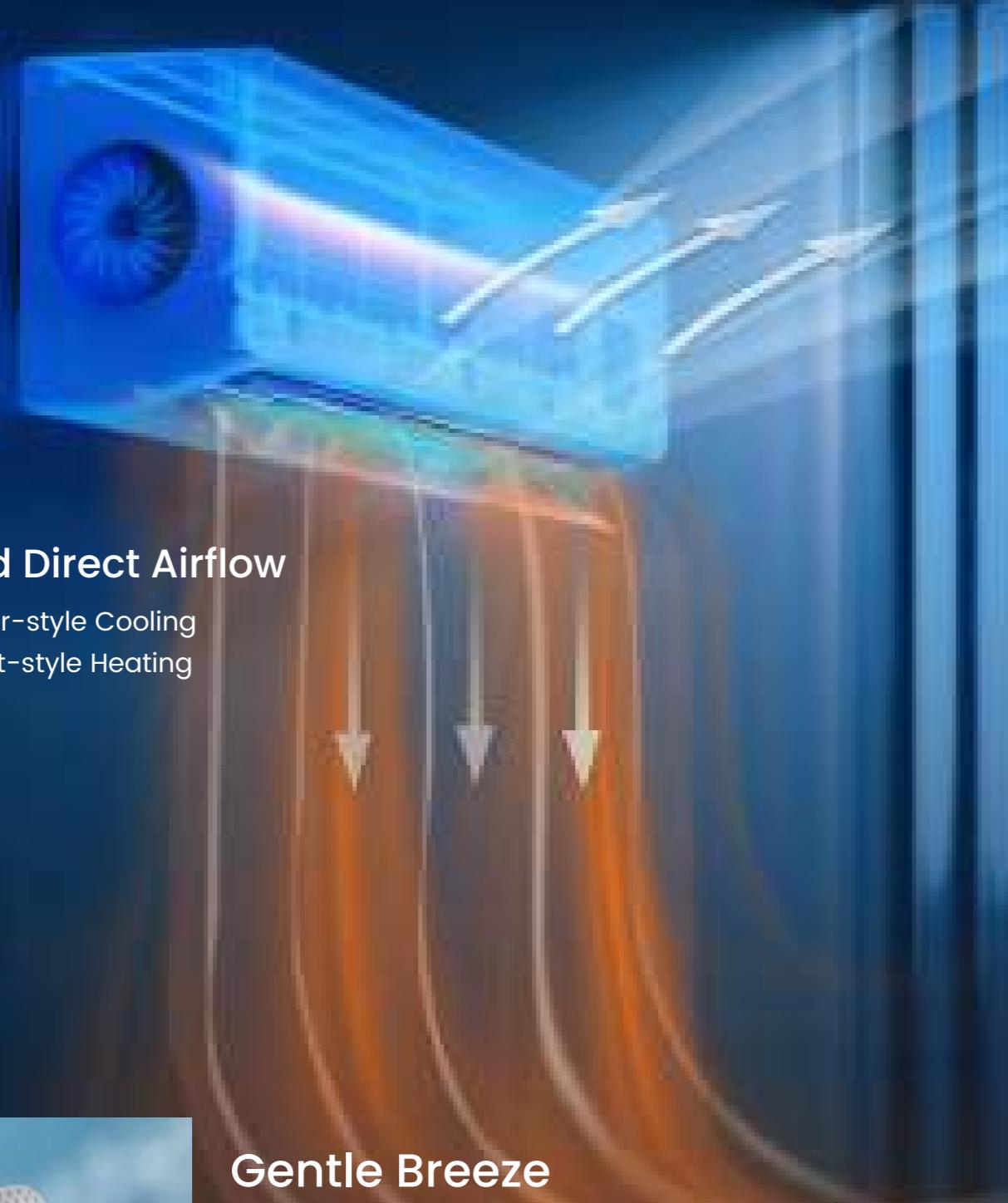
The operation pressure of R32 is 3% higher than R410A, which leads to 5% increasing of energy efficiency.

Comfort Airflow



Avoid Direct Airflow

- Shower-style Cooling
- Carpet-style Heating



Gentle Breeze

The micro-holes disperse the harsh airflow from the air conditioner, creating a soft laminar airflow with low speed and smooth movement, thereby avoiding discomfort caused by direct airflow from the air conditioner.

* E platform only

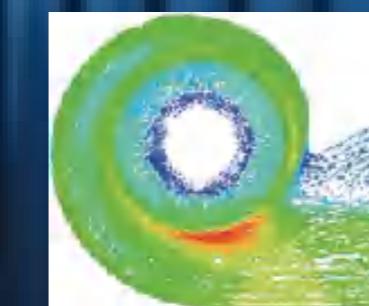
I Feel

With a temperature sensor built in the remote controller, the air conditioner can detect the surrounding temperature of controller, and I FEEL function enables the air conditioner to operate according to the ambient temperature around the remote controller.



The innovative temperature sensor in the remote control allows the air conditioner to operate at a temperature closer to the humanbody for more accurate temperature control.

New Ducting Technology



- Effective Reduction on Eddy Currents
- Lower Noise
- Higher Operating Efficiency

The air duct system is an important component of air conditioners, directly affecting the operating noise and performance of the air conditioner. In the traditional structure of the air duct system, vortices are easily formed inside the air duct, blocking the outlet air, creating abnormal noise, and increasing energy consumption. Velluto Air Conditioner has collaborated with the China Aerodynamics Research and Development Center and utilized advanced CFD (Computational Fluid Dynamics) to develop a new patented air duct technology, which can effectively reduce the vortex phenomenon inside the air duct, and make the outlet air smoother and the operating efficiency higher.

High Performance



-25°C Heating

By optimizing the system and efficient configuration, it can ensure that the air conditioner can also heat effectively in extremely cold environment.

System

The heat exchanger improves the refrigerant distribution, reduces the pressure loss, delays frost, and uses high-precision electronic expansion valve to improve the heating performance.

Compressor and Motor

Efficient compressor and motor, wider working range, stable performance at low temperature.

Chassis Heating Belt

Heating belt is fitted on the compressor of outdoor unit to assist defrosting, which improves heat transfer efficiency.

60°C Cooling

Velluto air conditioner keeps you cool even at 60°C high temperature with optimized high performance compressor and special cooling cycle system.



Unique Cold Air Channel Design

Optimized cold air channel design, lower electric control working temperature, more reliable long-time operation.

Innovation Technology

GenXcool

Generator Match Solution

One button GEN mode ON

9000Btu/h

650w 

Small Generator Drive

The air conditioner is equipped with the Genmode function, which allows the AC to work on a small generator, even enable user continue to use home appliances and air conditioners without interruption.



DC Inverter Technology

DC inverter technology with a high-efficiency compressor provides variable speed, allowing the air conditioner to use only the energy needed to complete the process. This improves operational efficiency and extends service life.

Best for Small Generator

As low as a 2000w generator is all it takes to power up the Velluto GenXcool Air Conditioners, providing coolness at every moment.



Innovation Technology

Convenience



USB WiFi

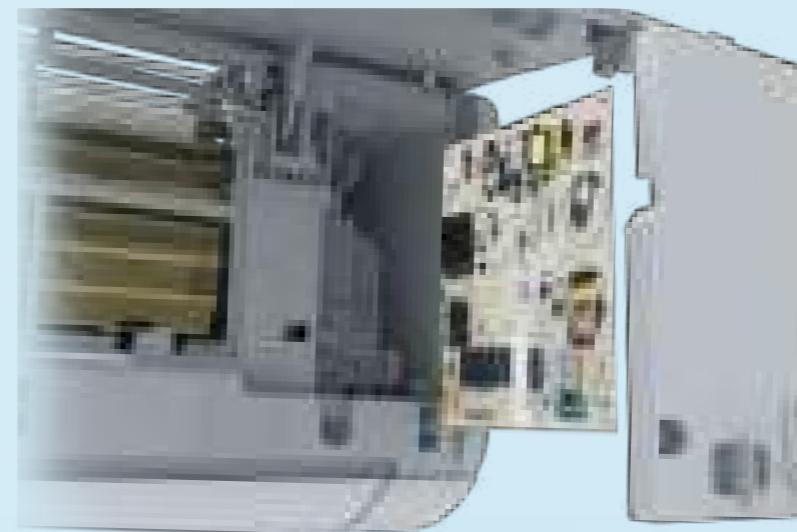
The wifi module is designed with a USB plug-in, and the indoor structure is reserved for installation. The wifi module can be used as a later option for users, and the user can plug and run it whenever it is needed.



Easy to Replace

Get the motor without removing the evaporator

Step 1: Remove middle frame and electric control box
Step 2: Loosen the screws of motor plate and fan
Step 3: Push the motor out to the right



Easy Maintenance

3 Steps for PCB Replacement

Open front panel

Loosen the screws and take off the cover plate

Take out PCB for replacement



Easy to Install

The air guide plate is easy to be installed and removed

Step 1 : Align two ends and install it

Step 2: Push the intermediate shaft into the shaft sleeve

Easy Installation & Maintenance

This design facilitates easy installation and quick disassembly for maintenance.

* E platform only

360° PureTech 2.0



Innovation

Fully Enclosed Dust-free Cabin

The air inlet and outlet are completely closed, 360° dust-free.

Blade-by-Blade
Zero-Clearance Closable Air Inlet Design



0.1Hz
frequency modulation

0.1°C
precise temperature
control

0.1W
standby

Fully Enclosed Air Outlet

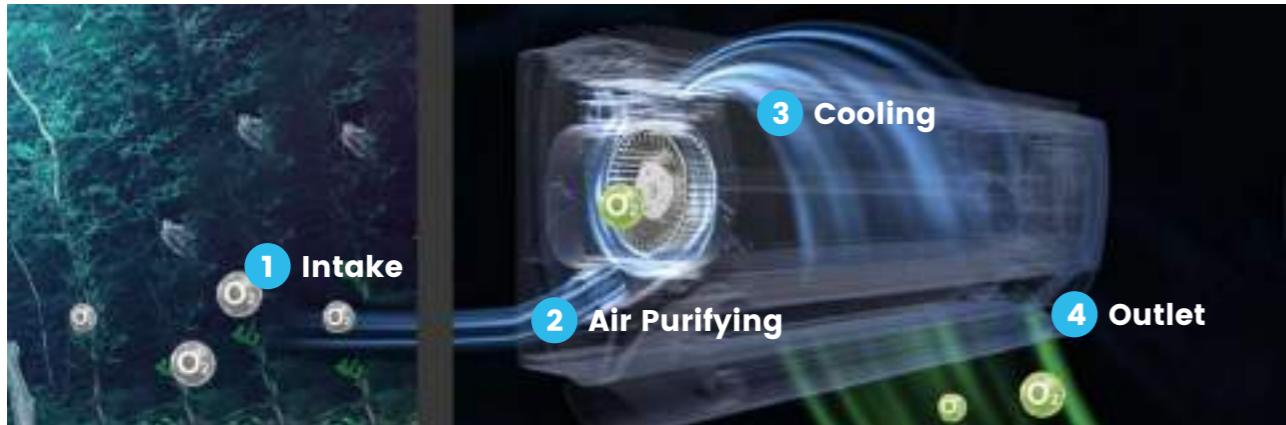
Multi-modal
Stereoscopic
Airflow



360° PureTech 2.0



✓ Fresh air



✓ 360° Dust-free

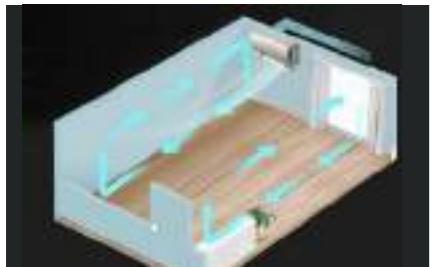


TECHNOLOGY



No Need to Enlarge The Wall Hole

Using a new patented special fresh air duct, which ensures a 62m³/h fresh air volume without an additional expanded hole.



Micro-positive Pressure Fresh Air Technology

Using positive pressure ventilation technology, with a large fresh air volume of 62m³/h, the air in a 20 m³ room can be completely refreshed within one hour.



Temperature-controlled Purified Fresh Air

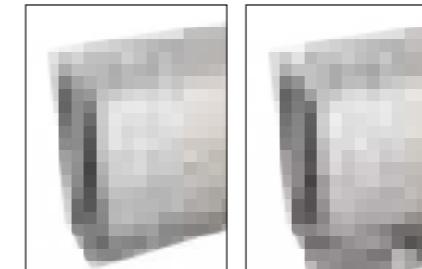
After introduced from the outside, the fresh air undergoes purification through silver ion and HEPA filters. Then, it passes through the air conditioner's evaporator for cooling or heating before being blown out, providing a comfortable and temperature-controlled fresh air experience.



Silent Design

Ultimate silent design, fresh air with 20 decibels ultra-low noise forms an extraordinary silent environment, let users enjoy a quiet life, and sleep soundly with abundant fresh oxygen.

TECHNOLOGY



Fully Closed Design

The air inlet and outlet are completely closed, 360° dust-free.



Fresh Air Outlet Closing Technology

To avoid dust from falling into the system and leading to the second time pollution.



Professional Air Purifying Filter

Fresh air with more oxygen and air purifying.

- Sterilization rate to 99%.
- Remove 95% of dust as small as 0.3 μm.



UVC Sterilization & High Temperature Self-clean

- Built-in UVC device fast inactivates the germs and virus.
- Through frosting, defrosting, flushing, and drying, the evaporator can be automatically cleaned. At the same time, during the self-cleaning drying process, the surface temperature of the evaporator can reach above 57°C, ensuring continuous high-temperature sterilization.

360° PureTech 2.0

Q7D Series



Shower-style Cooling
Carpet-style Heating



Fully Enclosed
Dust-free Cabin



57°C Smart
Self-clean



Multi-modal
Stereoscopic Airflow

Dual-air-channel
Golden Ratio Airflow

Upper Louver - Concave Design
Lower Louver - Convex Design

0.618
Golden Ratio Airflow Technology

800m³/h
Circulating Air Volume

56.13mm
90.94mm

N kinds of Modal Air Supply

The upper and lower double louvers cooperate. The upper louver can stop at any time while swinging, and the lower louver has four-angle control, achieving 360° N kinds of modal air supply, making the body feel more comfortable and freer.



Swallowtail Bionic
Silent Technology

Less resistance, quieter
and softer

360° PureTech 2.0

Q6D Series



Fully Enclosed
Dust-free Cabin



57°C Smart
Self-clean



Multi-modal
Stereoscopic Airflow

Dual Louvers Design

3.5mm
Micro Holes



Auxiliary



Main

- High steel material.
- 16 nano-scale reinforcing ribs.
- Heat-resistant up to 80°C, no deformation.

iWind Mode

The AI automatically detects the deviation between the indoor temperature and the set temperature. When users just arrive home, the air supply volume reaches the maximum, and the louvers swing rapidly for rapid cooling. As the temperature drops and is detected by the AI, the wind speed is reduced, and the louvers remain fixed without swinging, maintaining the cooling. After reaching the set temperature, the air conditioner intelligently enters the soft wind mode.



Shower-style Cooling



Carpet-style Heating



Aria



Olivia

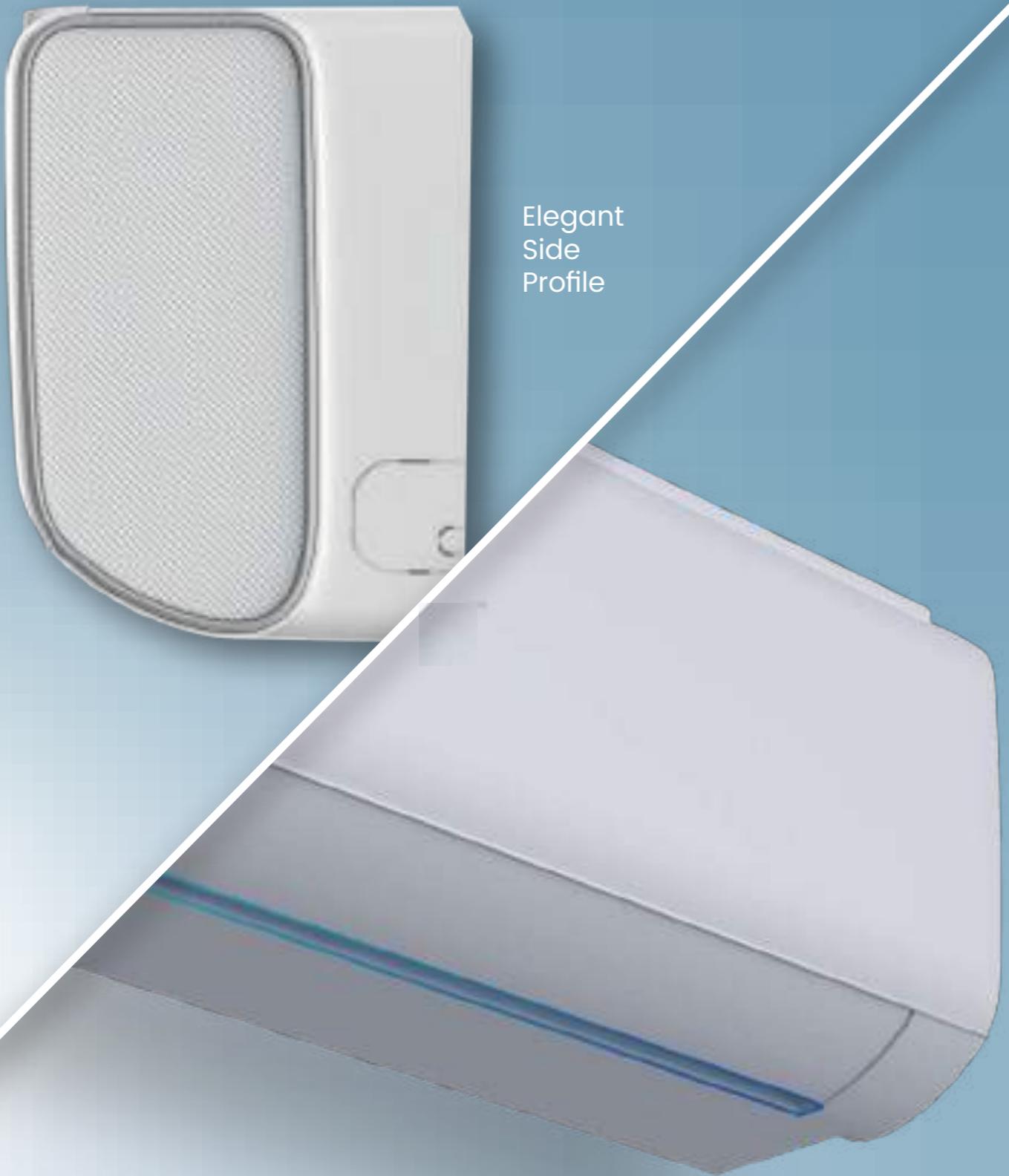


Honor



GENTLE
BREEZE
NEW
E Platform
ARRIVAL

Texture Creates a Sense of Beauty



The louver gap is only 15mm, making it prettier.

Gentle Breeze

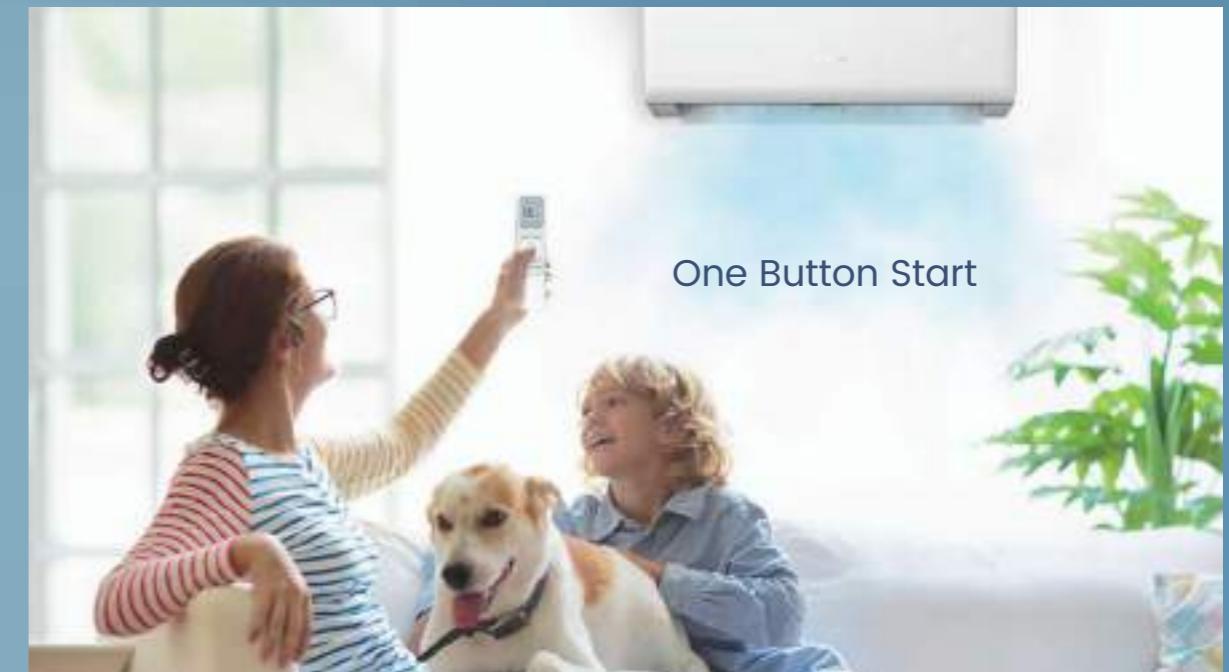
14
Gentle Breeze Blades
2.5-3mm
Micro Holes
868
Micro Holes



Special Designed
Blade Structure and Layout

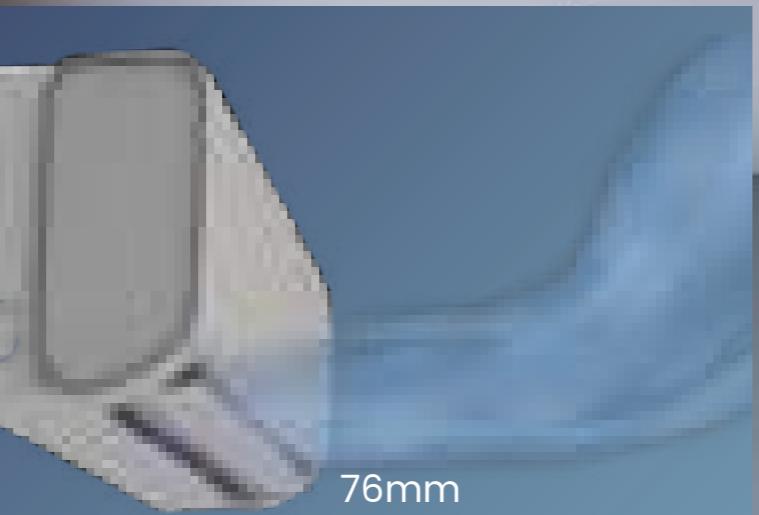


The micro holes disperse the harsh airflow from the air conditioner, and creates a soft laminar airflow with low speed and smooth movement, thereby avoiding discomfort caused by direct airflow from the air conditioner.



Larger Louver

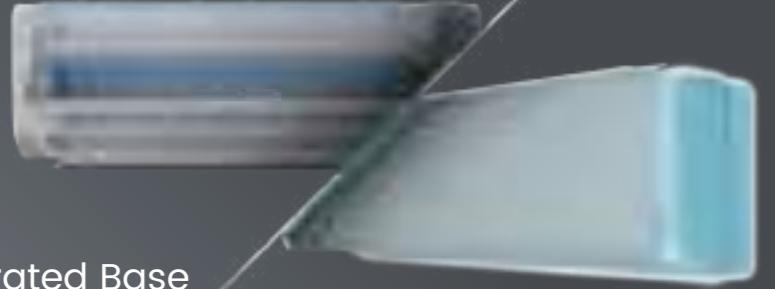
Adopting an ultra-wide louver design, it utilizes the Coanda effect to create an attachment layer of airflow on the surface of the louver, guiding the airflow to follow the surface of the louver, resulting in a longer airflow distance and wider airflow coverage.



76mm

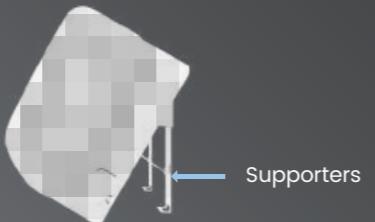
Integrated Base

The integrally molded base and middle frame reduce thermal expansion and contraction and minimize noise disturbance.



Easy Installation & Maintenance

The design facilitates easy installation and quick disassembly for maintenance.



Supporters



Honor





Olivia



Aria



This is D

D Platform

<small>NEW</small>	• Luxury	• Eva
<small>NEW</small>	• Louis	• Artist
<small>NEW</small>	• Victory	• Elegant
<small>NEW</small>	• Vision	• Classic
<small>NEW</small>	• Nova	• Dream
		• Smile
		• Morandi
		• Grace
		• Moon
		• Geometry
		• Pure





Luxury

26°

Velluto

Luxurious Texture

The collision of different textures creates a unique aesthetics.

Silver-plated Decorative Strips

The silver-plated decorative strips combined with the painted texture have created a sense of space.



Multiple Colors Available
White



Louis



Victory





26°

Vision



26°

Nova

EVA



Unique Technological
Sense Display Design



Multiple Colors Available



Champagne



Silver



White





Artist



Mirror



Red Wine



Silver



Champagne



Elegant



White





Velluto

Classic



Velluto

Dream





Smile



Morandi



Grace



Multiple Colors Available



Floral Stone-Black



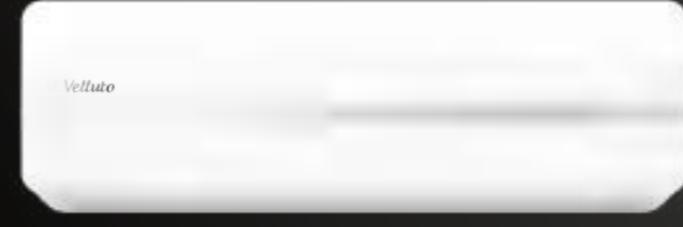
Floral Stone-White



Wood Grain



Multicolor



White
Hot stamping metal colors
are optional.



Velluto

Moon



Velluto

Geometry



Floral Stone

© Velluto

26

Pure



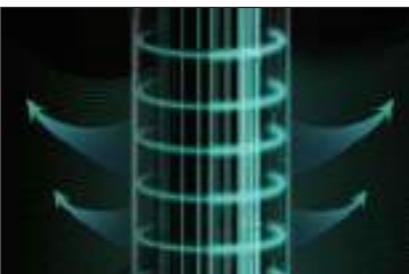
Velluto

*B Platform

BD



Panda



0.1 °C Accurate Sense of Technology

0.1 °C accurate sense of technology under Velluto inverter air conditioner accesses to national invention patents (Patent number: ZL200910312265.4). The fine temperature control capacity increased by 2-5 times than ordinary inverter air conditioner and can be based on indoor load to accurately adjust the refrigerant flow. All-time room temperature 0.1 °C fine control, can not only prevent the temperature overshoot brought by the waste of energy, but also to avoid the temperature fluctuations caused by uncomfortable feeling, which is a fundamental solution to the phenomenon of hot and cold.

One Button Start

Automatic perception of the environment, adjusting the temperature and air volume.

Intelligent Air Volume Compensation

There is no need to worry about the performance degradation caused by the dirty filter or evaporator condensate. The AC will make up for 80%-90% of the lost air volume.

Easy to Disassemble and Wash

The pop-up filter can be easily removed and washed with just one touch.

Texture Louvers Design

The textured wind guide Louvers design enables the parallel airflow to be distributed quickly and achieves rapid cooling.

LA



T3 Tropical Working Condition

Velluto super T3 tropical working condition from -7 C to 60 C.



Long Distance Airflow

The large air outlet and six large wind guide blades enable an airflow distance up to 20m.

Three Dimensional Air Inlet

It makes the wind flow out more smoothly, and makes a higher heat exchange rate and efficiency.

3D Air Flow

It distributes a stream of air to a wider area by combining the vertical and horizontal auto-swing.

LB



Super Circulating Air Volume

Super circulating air volume, 2400m³/h, which increases by 20%.

Magic Cube





Multicolor Available



6m Ultra Long Distance Air Supply

New air duct design, super-large air outlet and double swing blade, realizing 6m ultra long distance air supply.



Easy to Control

The air conditioner can be controlled with a dedicated and easy-to-use remote control. With an intuitive screen allows all to easily switch among three modes and set the temperature (16°C-32°C) / (61°F-90°F).



120° Wide Angle

120° super wide air supplying combines with auto-swing to spread comfort throughout the room.



R290

R290 Refrigerant can maximize the energy efficiency of the air conditioner. At the same time, it is extremely eco-friendly as it has a very low global warming potential with zero ozone depletion potential.



Self-evaporation Drainage System

In the refrigeration mode, automatic atomization does not need to be connected with a drain pipe for manual drainage. Condensed water is recycled to improve heat exchange efficiency and save energy.

*When the humidity is over 80% or the heating mode is selected, a drainage pipe is needed.



Smart Control

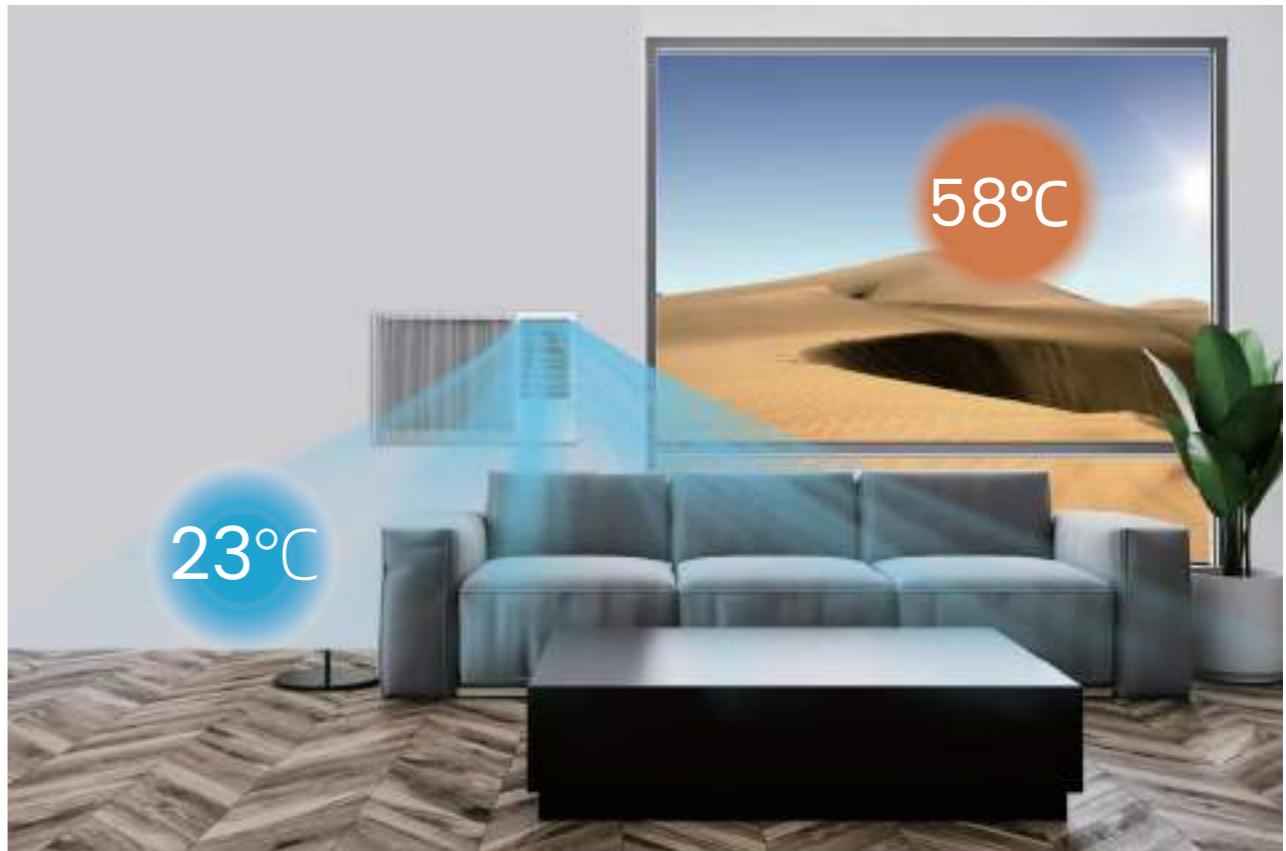
Simply download the app to control your home's portable air conditioner via Wi-Fi whenever and wherever. This unit is also compatible with the Amazon Echo and Google Home smart-home systems, allowing you to control your AC by using voice commands. Simple and smart.

WD



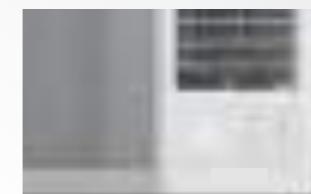
T3 Tropical Working Condition

Even if the outdoor temperature is as high as 58 degrees, you can still enjoy cooling at home.

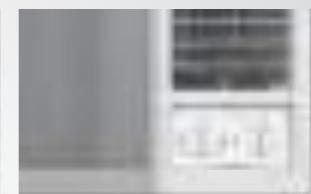


Modern Design

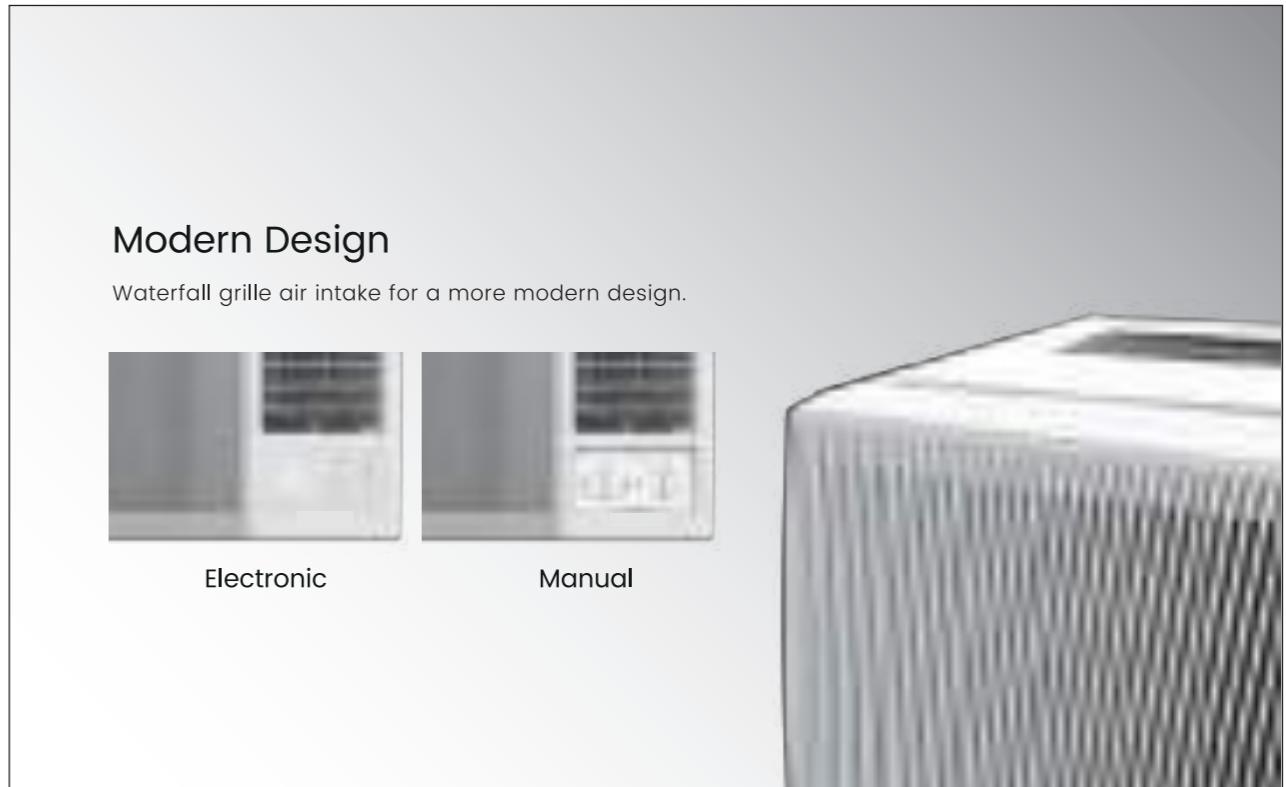
Waterfall grille air intake for a more modern design.



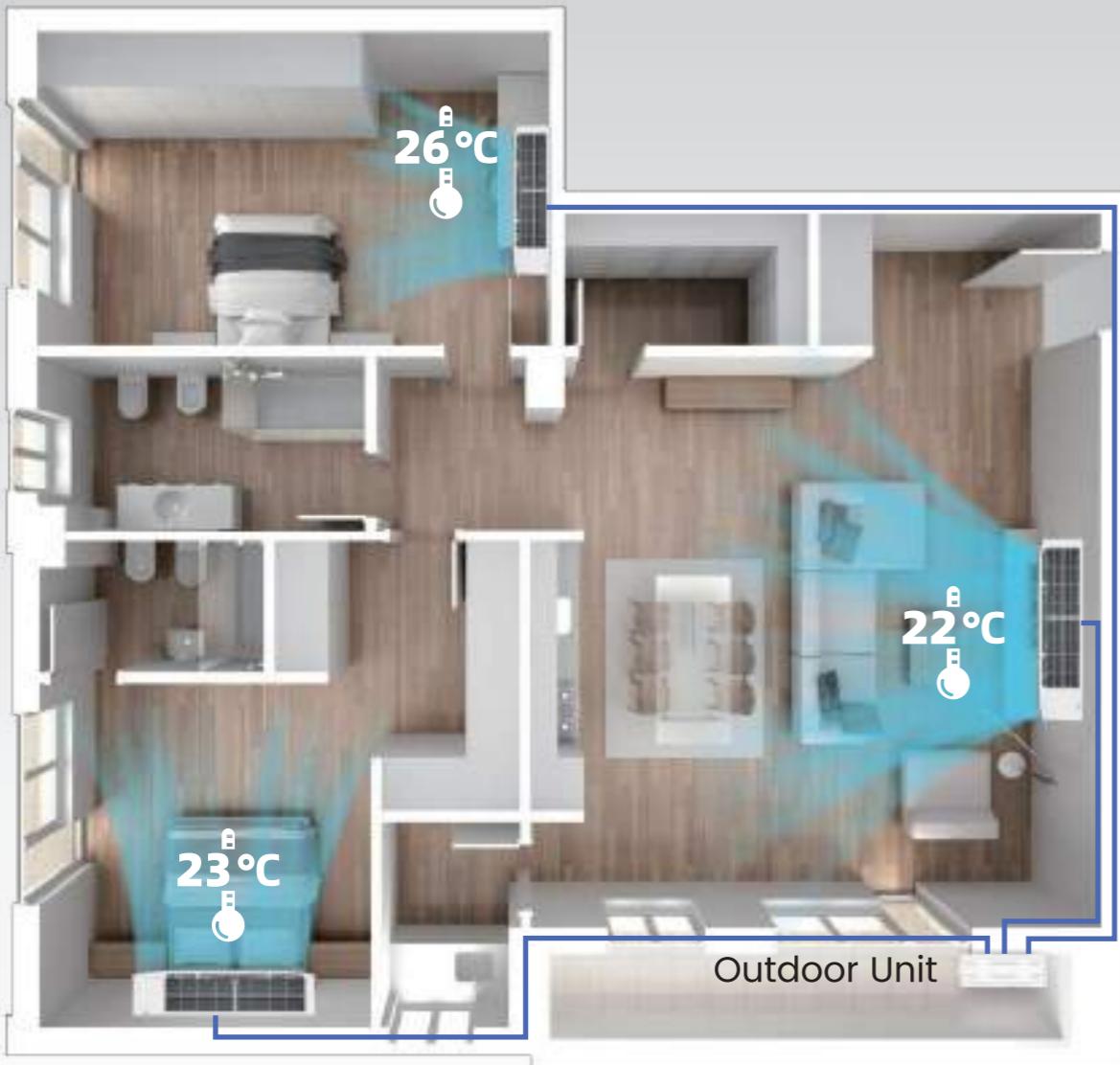
Electronic



Manual



Multi-split



Smart Refrigerant Flow Distribution Control

The precise refrigerant flow regulation system of Velluto, combined with the expansion valve of the outdoor unit, can intelligently control the refrigerant flow according to the different settings of the indoor unit to ensure comfortable and energy-saving cooling/heating.



DC Inverter Technology

DC inverter technology with a high-efficiency compressor provides variable speed, allowing the air conditioner to use only the energy needed to complete the process. This improves operational efficiency and extends service life.



Operation up to -20°C

Velluto Air Conditioners with their superior technology make you feel comfortable even when the temperature outside is low to -20°C.



Fast Cooling/Heating

After starting up, the compressor goes into high-frequency operation and instantly reaches the maximum cooling (heating) capacity, which can achieve cooling in 1 minute and heating in 3 minutes.



Smart Control

You can control the Velluto multi-split system from any location at any time through an app. It also allows you to control each room individually.

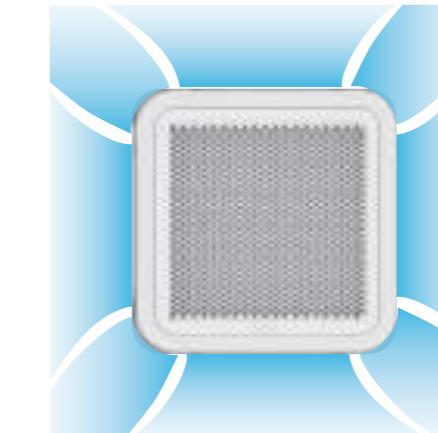
Outdoor unit	1 drive 2	1 drive 3	
	9K+9K	/	
	9K+12K	12K+12K	
	9K+9K	9K+12K	9K+9K+9K
	9K+18K	12K+12K	9K+12K+12K
	12K+18K	18K+18K	9K+9K+18K
			12K+12K+12K

Cassette



NEW

New Panel Option



360°Air Supply

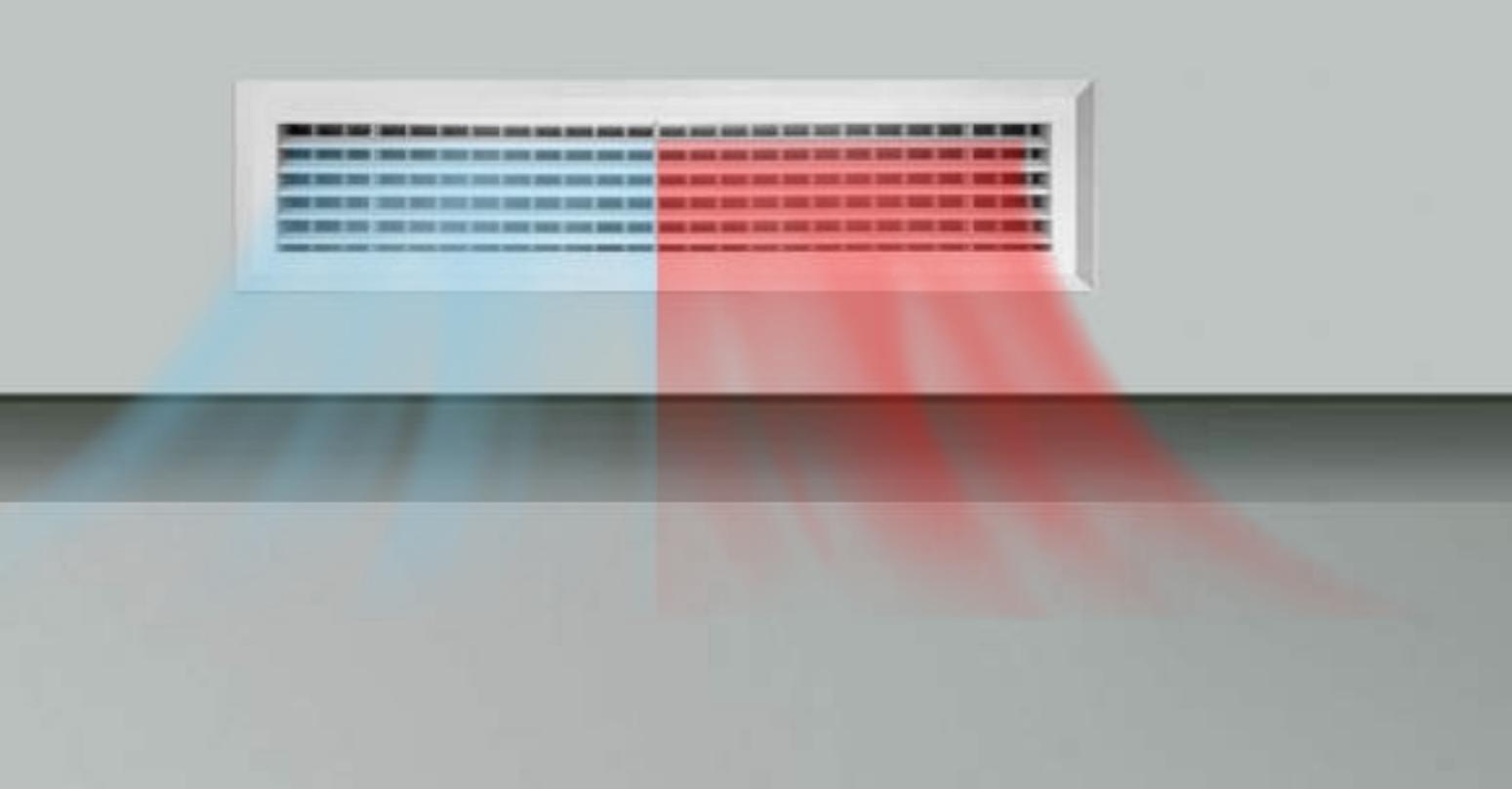
The 360° wide angle air supply and uniform airflow newly achieve long-lasting comfort in the room.

Large Dust Collection Area Design of Filter

With the large dust collection area and folded structure design, the dust is difficult to attach on windward surface. Cleaning and maintenance become easy.

Efficient Waterproof Design

The special waterproof water tray is used to effectively prevent condensate from leaking.

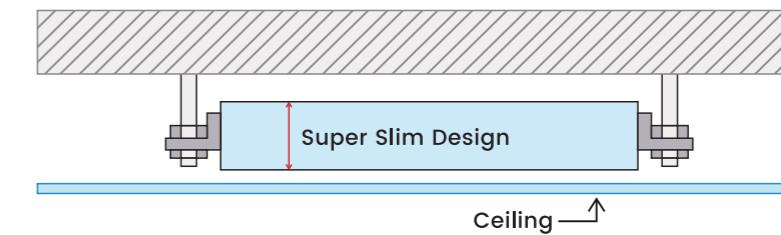


Duct



Super Slim Design

Reduce installation space and create a more flexible and capacious interior space.



Perfectly Integrated With The Decoration

Embedded installation makes it perfect integration with decoration and looks more noble and elegant.



Quiet Running

Adopting shock absorber design and sound insulation material for the quiet running.

Features Guide

Standard 

Optional 

DC Inverter



Ultra-low Frequency Control

Velluto DC inverter air conditioner operates at ultra-low frequency of 1Hz, which can control the temperature more accurately and maintain constant comfort while saving energy.



Fast Cooling & Heating

Velluto DC inverter air conditioner adopts a unique step-up frequency technology. Compared with the step speed regulation of DC Inverter air conditioner, it can control the compressor speed more accurately and smoothly, thus realize faster starting speed and fast cooling and heating.



Triple Voltage Care

Velluto specially designs triple-voltage protection to easily solve the impact of grid fluctuations on the operation of air conditioners, effectively deal with voltage fluctuations to ensure that the wide voltage operation of air conditioners is applicable, and effectively protect the air conditioners under high voltage impact.



Soft Start

The advanced micro-control technology is used to intelligently adjust the starting voltage and starting current of the compressor, to effectively reduce the instantaneous current and power when the compressor starts, thus to protect the compressor and improving the working life of the compressor, and also to reduce the impact of the high-power air conditioning startup on the power grid.



Convertible 3 in 1

Convertible 3 in 1 mode has three-level power switching, allowing you to control power input and flexibly adjust power based on cooling requirements in different home scenarios, enabling you to enjoy comfort while optimizing energy usage.



-25°C Heating

By optimizing the system and efficient configuration, it can ensure that the air conditioner can also heat effectively in extremely cold environment.



60°C Cooling

Velluto air conditioner keeps you cool even at 60°C high temperature with optimized high performance compressor and special cooling cycle system.



Full DC Inverter

The step motor, indoor fan motor and outdoor fan motor, together with the compressor have been upgraded to All DC Inverter technology, that offers the opportunity in the air conditioning units to operate economically and more efficient.



Twin-rotary Compressor

Being twin rotors, the compression load would be lower compared to a single inverter compressor, which will also increase the cooling efficiency and decrease the vibration, that makes it more efficiency and reliability.

Energy Saving



Brand Compressor

Velluto Air Conditioning chooses GMCC, HIGHLY and other compressors with world-level brands.



New Ducting

Traditional ducting systems, due to their design, are prone to generating vortices within the ducts, causing airflow obstruction, abnormal noise, and increased energy consumption. Velluto Air Conditioner has collaborated with the China Aerodynamics Research and Development Center to develop a new ducting technology using advanced Computational Fluid Dynamics (CFD). This innovative ducting technology effectively reduces vortex formation within the ducts, resulting in higher operational efficiency.



ECO

Inverter-When ECO mode is on, the air conditioner will limit the input power to save energy and make the unit more economical. This is a huge advantage for users who want a comfortable cooling experience without worrying about the cost of using.
On-off-By optimizing the operation strategy of the air conditioner and controlling the start-stop frequency of the compressor, energy efficiency is improved and energy consumption is reduced.



0.5W Standby

The digital green power design, industry top standby chip and intermittent oscillation mode are used to reduce the AC stand-by power consumption to 0.5W.

Smart



WIFI Control

Velluto smart air conditioners can be controlled or scheduled from your phone no matter where you are. It's also compatible with the Amazon Echo and Google Home smart-home systems, or Velluto TV, allowing you to control your AC by using voice commands, makes our life simple and smart.



Offline Voice Control

Velluto offline voice control technology, designed to solve users' pain points, completely offline voice analysis, network is not required, providing innovative solutions to make life better.

Features Guide

Standard 

Optional 

Health



Mildew Proof

There is still water in the unit after the air conditioner is turned off. Velluto mildew proof technology, when the air conditioner is turned off, the fan will keep running for 3 minutes to dry the evaporator and the fan, will keep the unit from mildew.



High Density Filter

Velluto High Density Filter creates cleaner air with outstanding dust collection due to new improved density of the filter.



UVC Sterilization

When this function is turned on, the built-in LED UV light emits light from right to left on the evaporator, and the cross-flow fan drives the room air with virus to pass through the irradiation range of the sterilization module, instantly inactivating viruses. It also can realize cyclic multiple killing.



Self-clean

When the self-cleaning is selected with one button, the surface of the evaporator is rapidly cooled and frosted, generating strong cold expansion force to peel off dirt. Then the frost is rapidly melted, and later it is washed away, and drying makes the evaporator clean.



58°C Self-clean

After the evaporator surface condenses, the evaporator will quickly cool down and condenses the frost, generating a strong cold expansion force to peel off the dirt and defrost and wash it. Then the air conditioner will heat up at a high speed, with the highest temperature reaching 58 °C. The evaporator will be dried and the disinfection will be sterilized at high temperature.



Cold Plasma

Cold Plasma is a device that ionizes the air by positive and negative high voltage electrodes simultaneously. Through air ionization, the positively charged ions move into the living space and pull hydrogen electrons from mold, viruses, and bacteria found in the air, thus causing them to die.



Anti Virus Filter

The anti-virus filter has a bacteriostatic rate of over 99% against bacteria and viruses.



3 in 1 Filter

Air travels through multiple filters and each has the function to provide you with better and healthier air.

Comfort



Turbo Mode

With this function, the air conditioner will maximize the output of cooling and heating capacity, make the room cool down or heat up more rapidly, and attain the desired temperature in the shortest time.



Sleep Mode

In sleep mode, the indoor unit reduces the wind speed and turns off the display light to avoid light and noise from interfering with the user's sleep, that creates the desirable climate for a good night's sleep.



Anti-Cold Air

In heating mode, before the temperature of the evaporator rises to the set value, the fan runs low-speed wind, and the wind swings to the anti-cold wind angle to prevent the cold wind from blowing directly to the user.



5 Grades Indoor Fan Speeds

Remote control, indoor optional speed control, strong, high, medium, low, quiet.



I Feel

With a temperature sensor built in the remote controller, the air conditioner can detect the surrounding temperature of controller, and I FEEL function enables the air conditioner to operate according to the ambient temperature around the remote controller.



3D Airflow

Louvers on Velluto air conditioners can swing automatically combining both vertical and horizontal directions. Detailed wind direction makes it possible to spread the cool air evenly and widely.



Quiet Mode

In quiet mode, air conditioner will run at super breeze to reduce the indoor unit operating sound.



Baby Care

One button to turn on the Care mode, the setting temperature goes to 26 °C, and all healthy functions will be on, and the fan speed will low down, the air blade will automatically turn to 5 degree (cooling mode), to prevent cold wind from blowing directly to the baby, and LED will be off. Air speed and direction could also be customized according to your requests. Baby care, care in the air.

Features Guide

Standard 

Optional 

Convenience



Auto Restart

When the power is off, the AC unit will restore the previous function settings and will restart automatically when the power is on.



Auto Mode

In this mode, the air conditioner automatically adjusts the operating mode and sets the temperature according to the ambient temperature.



Hidden LED Display

Velluto modern large hidden display is perfect for checking your display conveniently. Moreover with Hidden Display feature, it avoids light stimulation and takes care of your sleep.



24 Hr Timer

The remote control adds a timing button, and the timer can be set arbitrarily in units of 1 hour within 1-24 hours



Emergency Using

An emergency button is added on the main board of the air conditioner, so that the user can use the air conditioner in an emergency when the remote control is damaged or lost.



Louver Position Memory

After the user turns on or changes the mode, the last operating state of the louver position will be automatically memorized, and the louver position will automatically return to the previous state.



Independent Dehumidification

Set through the remote control, enter the dehumidification mode to run.



Dust Removal Reminder

When air conditioner runs for over 600 hours, the indoor unit will display "CL" to remind users to clean the filter. If you do not want to see the "CL" sign, just clean the filter and restart the AC.



Child Lock

The remote control adds a child lock button. After the child lock is locked, the operation of other buttons on the remote control is invalid, preventing children from playing and mis-operating.



USB Wifi

The wifi module is designed with a quick socket, and the indoor structure is reserved for installation. The wifi module can be used as a later option for users, and can be plug-and-play when needed.



2-way Drainage

Both left and right sides of indoor unit are possible for drainage hose connection, easy for installation.

Reliability



Self-diagnosis and Auto-protection

Monitoring some abnormal operations or parts failures, microcomputer of air conditioner will switch off and protect the system automatically. Meanwhile, the error or protection code will be displayed on the indoor unit.



Error Alarm

When air conditioner is running in any problem, the error or protection code will be displayed on the indoor unit.



Smart Defrosting

During the heating process, the air conditioner intelligently judges whether the external heat exchanger is frosted and automatically enters the defrosting operation state according to the temperature change of the inner disk or the outer coil.



Heating Compensation

The ambient temperature sensor in the heating mode is affected by the accumulation of hot air near the air conditioner, and the detected temperature will be higher than the actual ambient temperature. The background program is compensated to make the detected temperature as consistent as possible with the ambient temperature.



Dew Prevention

In cooling and dehumidification mode, after the wind swing operates at the easy condensation angle for a period of time, it will automatically return to the high air volume angle and run for a period of time to dry the condensation at the air outlet.



Anti-rust Design

Velluto outdoor unit adopts double-sided galvanized thickened steel plate, and the surface is evenly sprayed with polymer anti-corrosion powder to ensure that the outdoor unit will not rust for a long time.



Thoughtful Packaging

The packaging box ensures that the air conditioner is delivered to consumers without damage by simulating bumps under different road conditions and conducting high-altitude drop experiments.



Chassis Heating Belt

Heating belt is fitted on the compressor of outdoor unit to assist defrosting, which improves heat transfer efficiency.



Fire-proof Electric Control Box

The fireproof material is used for electric control box to improve its safety and fireproof ability.



Auxiliary Electric Heater

With a built-in auxiliary electric heater, the heating system will be more powerful.

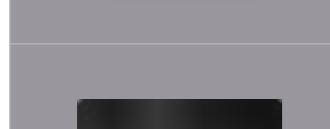
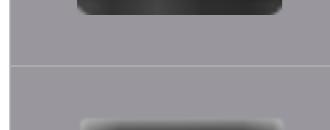
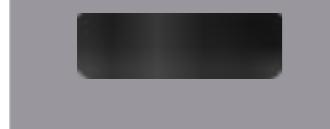
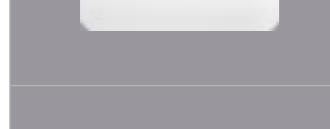


Anti-rust Grille

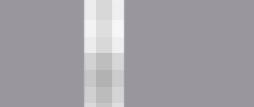
Velluto outdoor unit rust-proof mesh cover ensures that it does not rust for a long time and is more durable.

Model Line up

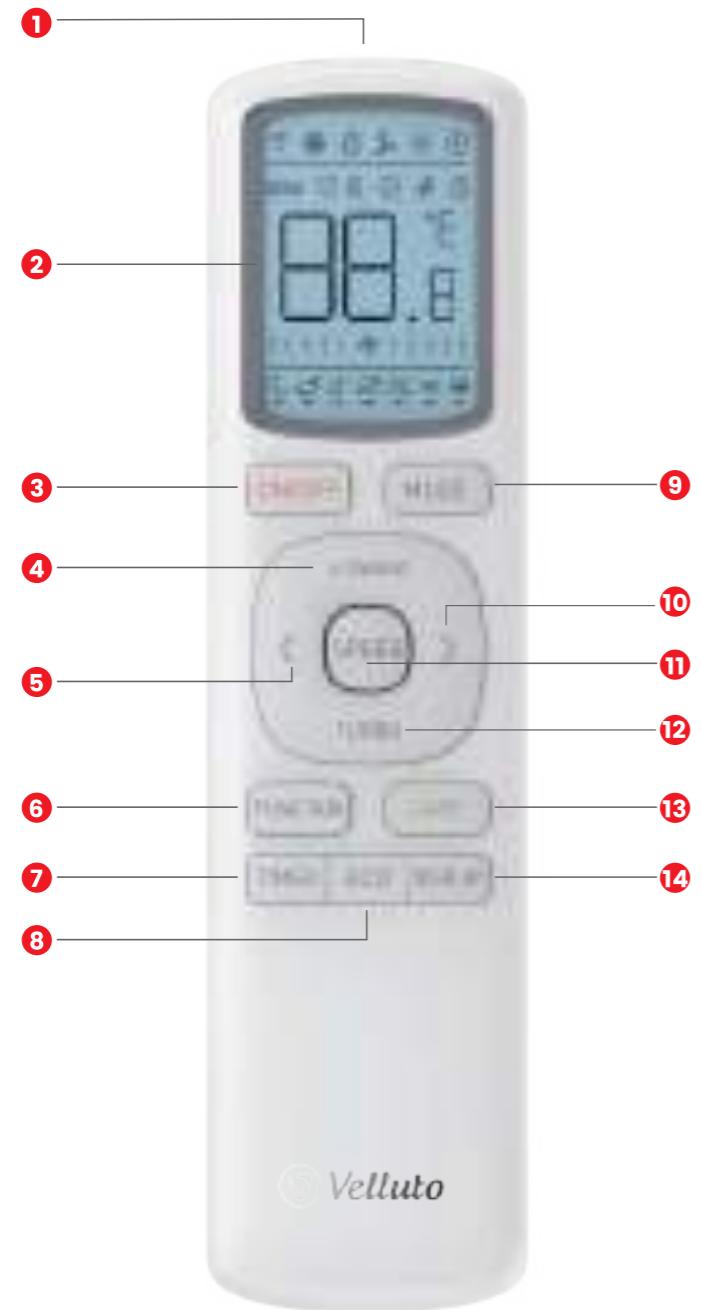
Model Line up

	Series	Controller Mode	Refrigerant	5000	7000	9000	12000	18000	24000	30000	36000	42000	48000	60000
	Nova	DC Inverter	R32 R410A		●			●	●	●	●	●	●	
		On/off	R410A		●			●	●	●	●	●	●	
		R32		●	●			●	●	●	●	●	●	
	Eva	DC Inverter	R32 R410A		●			●	●	●	●	●	●	
		On/off	R410A		●			●	●	●	●	●	●	
		R32		●	●			●	●	●	●	●	●	
	Artist	DC Inverter	R32 R410A		●			●	●	●	●	●	●	
		On/off	R410A		●			●	●	●	●	●	●	
		R32		●	●			●	●	●	●	●	●	
	Elegant	DC Inverter	R32 R410A		●			●	●	●	●	●	●	
		On/off	R410A		●			●	●	●	●	●	●	
		R32		●	●			●	●	●	●	●	●	
	Classic	DC Inverter	R32 R410A		●			●	●	●	●	●	●	
		On/off	R410A		●			●	●	●	●	●	●	
		R32		●	●			●	●	●	●	●	●	
	Dream	DC Inverter	R32 R410A		●			●	●	●	●	●	●	
		On/off	R410A		●			●	●	●	●	●	●	
		R32		●	●			●	●	●	●	●	●	
	Smile	DC Inverter	R32 R410A		●			●	●	●	●	●	●	
		On/off	R410A		●			●	●	●	●	●	●	
		R32		●	●			●	●	●	●	●	●	
	Morandi	DC Inverter	R32 R410A		●			●	●	●	●	●	●	
		On/off	R410A		●			●	●	●	●	●	●	
		R32		●	●			●	●	●	●	●	●	
	Grace	DC Inverter	R32 R410A		●			●	●	●	●	●	●	
		On/off	R410A		●			●	●	●	●	●	●	
		R32		●	●			●	●	●	●	●	●	
	Moon	DC Inverter	R32 R410A		●			●	●	●	●	●	●	
		On/off	R410A		●			●	●	●	●	●	●	
		R32		●	●			●	●	●	●	●	●	

Model Line up

	Series	Controller Mode	Refrigerant	5000	7000	9000	12000	18000	24000	30000	36000	42000	48000	60000
	Geometry	DC Inverter	R32 R410A		●		●	●	●	●	●	●		
		On/Off	R410A		●		●	●	●	●	●	●	●	
		On/Off	R32	●	●		●	●	●	●	●	●		
	Pure	DC Inverter	R32 R410A		●		●	●	●	●	●	●	●	
		On/Off	R410A		●		●	●	●	●	●	●	●	
		On/Off	R32	●	●		●	●	●	●				
	BD	On/Off	R410A							●	●			
	Panda	DC Inverter	R410A R32						●	●	●	●	●	
	LA	On/Off	R410A R32						●	●	●	●	●	●
	LB	On/Off	R410A								●	●	●	●
	Magic Cube	On/Off	R410A R32 R290	●	●	●	●	●						
	WD	On/Off	R410A						●	●				
	Cassette	DC Inverter	R410A							●	●	●	●	●
		On/Off	R32						●	●	●	●	●	
	DC Inverter	R410A							●	●	●	●	●	●
	On/Off	R32							●	●	●	●	●	

Remote Control



① INDUCTOR,infrared signal transmitter head.

② DISPLAY SCREEN,for setting display.

③ ON/OFF press this button to turn on/ off air conditioner.

④ V-SWING, for changing vertical blades position and swing or not.

⑤ TEMP, press "<" to decrease temp.

⑥ FUNTION press this button to select different functions.

⑦ TIMER, press this button to select timer.

⑧ ECO, to start or stop ECO function.

⑨ MODE,cooling-drying-fan-heating-Auto.

⑩ TEMP, press ">" to increase temp.

⑪ SPEED, for selecting indoor fan speed. Low speed. Medium speed. High speed, Auto.

⑫ TURBO, to start or stop turbo function when air conditioner is in heating or cooling mode.

⑬ CARE, press this button to enter caring mode.

⑭ DISPLAY, press this button to display or close the display screen when air conditioner is in running.