



Davik Technology DOO

Air Conditioner Europe Business Unit

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CONTENTS

Air Solutions	01-22
Features Guide	23-28
Split	29-34
Floor Standing	35-38
Cassette	39-40
Duct	41-42
Multi Split	43-44
Remote control	45











Offline Voice Control







Support Voice Control

8 languages recognition rate

OFFLINE VOICE CONTROL

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



TECHNOLOGY



300ms Rapid Response

Davik uses high-performance AI dedicated chips, integrating voice neural network algorithms to achieve fast dual-microphone pickup, noise reduction, recognition, command feedback, and interaction, supporting 300ms rapid response



Support up to 8 Languages

Support up to 8 languages in the world, at the same time, it has a high recognition rate, and the wake-up rate of home scenes is over 95% faster.

BENEFITS

- · No Network Required No need to be restricted by the network, and no need to install an APP.
- · Save investment cost No voice assistant required, saving on device purchases.

WIFI CONTROL

Davik 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 using voice commands, make your life so easy, so smart.



TECHNOLOGY



Control Your AC From Anywhere

Davik intelligent AC is a cloud service that aims to serve global customers. Through the cloud, users can control their home cooling systems with one click, enjoy the benefit of intelligent life. Intelligent cloud service has positioned servers groups in multiples areas around the world, users will be automatically matched to the servers in their area accordingly. With the help from global DNS and CDN accelerators, users can enjoy an express cloud browsing.



Voice Control

Davik smart wifi technologies are compatible to your smartphones and Al speakers, such as Google Assistant or Amazon Alexa. Make you live smarter, with easy voice control for all your air conditioners.







AC Clean







58℃ Self-clean

Air Quality



UVC Sterilization



Anti Virus Filter

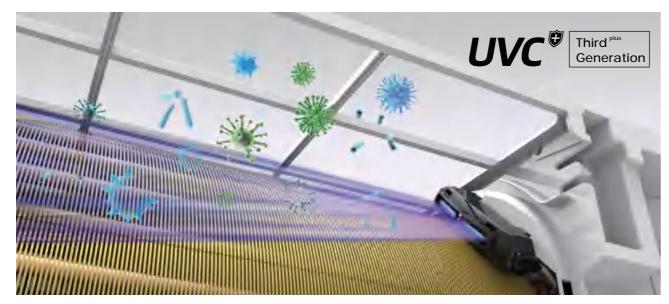




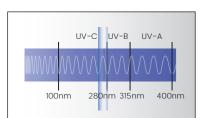


UVC STERILIZATION

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. And can realize cyclic multiple killing.



TECHNOLOGY



UVC Working Theory

Davik UVC sterilization module can emit 260 \sim 280nm deep ultraviolet rays, when irradiating microorganisms, it can penetrate the cell membrane and nucleus of microorganisms, destroy the molecular bonds of DNA, and make them instantly lose their replication ability and activity, thus death.



Third Plus Generation UVC

Davik 3rd Plus Generation UVC LED, 30° working angle, powerful light gathering. Compared with the second-generation, enhance the sterilization rate to 200%.

BENEFITS

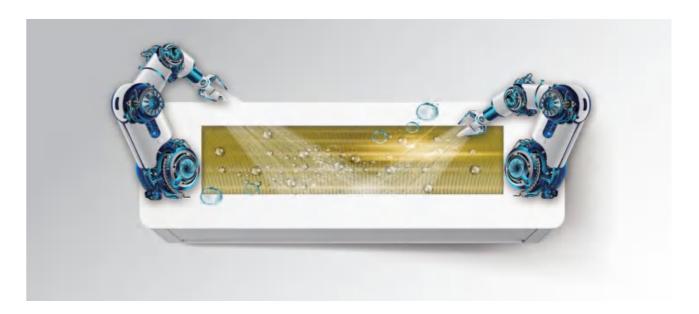
- · Sterilization rate reach to
- 99.2%
- · One-button start



- · Safe and reliable operation
- · Installed under the panel, not exposed.
- · Hanging on high.
- · UVC Long service life, 30,000 hours.

SELF-CLEAN

Self-clean technology can remove the dust and dirt that lands on the heat exchanger, and improves your indoor air quality.



TECHNOLOGY



Hydrophilic Coated Film

The hydrophilic coating is more conducive to dust removal and can also improve the corrosion resistance of the heat exchanger.



Cold Expansion Technology

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.

8

BENEFITS

- · Self-clean technology can remove dirt accumulated on the evaporator that improve the efficiency of heat exchange to ensure the air conditioner in better cooling condition.
- · Save cleaning cost.

♥ 58°C SELF-CLEAN

58 ℃ self-cleaning can keep the air conditioner in the best condition and effectively kill the bacteria and viruses on the evaporator to keep the air pure.



TECHNOLOGY





Step 1

Condensation



Step 2

Frosting







Step 3 Defrosting and Flushing

Step 4 58℃ drying and sterilization

58°C High Temperature Sterilization

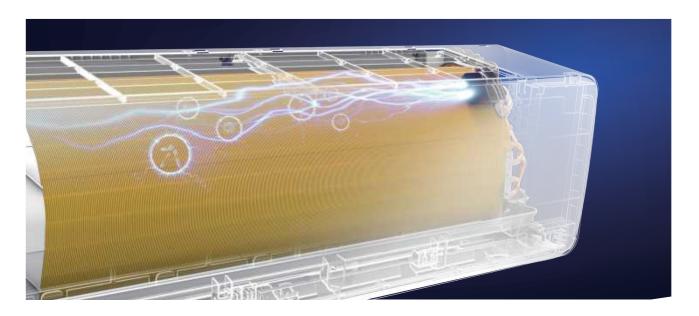
After the evaporator surface condenses, the evaporator will quickly cool down and condenses the frost, generating a strong cold expansion force to peel off the dirt and defrost and wash it. Then the air conditioner will heat up at a high speed, with the highest temperature reaching 58 °C. The evaporator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

BENEFITS

- \cdot Kill bacteria and viruses by heating the evaporator to 58°C high temperature and making air cleaner.
- Keep the evaporator clean and save cleaning cost.

COLD PLASMA

The cold plasma generator creates ions out of molecules in your home's air, which is an essential and beneficial component of purified air and healthy living.



TECHNOLOGY



Working Theory

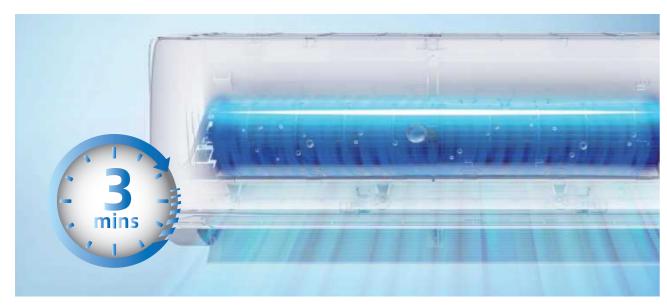
Air pulled into air conditioner will flow through a plasma field, and molecules in this air will be charged to create positive and negative ions. These ions scrub your home's air clean. When molecules like water (which contains two hydrogen molecules and one oxygen molecule) are broken down in the plasma field, 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.

BENEFITS

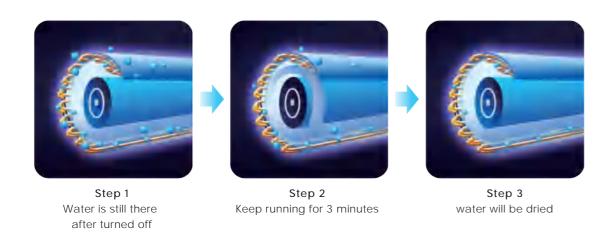
- · Cold plasma technology is a unique technology that deters odors and effective sterilization and bacteria.
- Provide the air with more negative oxygen ions.

MILDEW PROOF

There is still water in the unit after the air conditioner is turned off. Davik 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.



TECHNOLOGY



BENEFITS

- · Prevent moisture from corroding the interior of the air conditioner and increase the service life of the heat exchanger.
- · Effectively prevent the growth of mold and keep the air clean.

C HEALTH FILTER

Filters are a crucial part of your air conditioner. Not only will a filter help clean and purify the air moving around your home, but it will also prevent contamination of the air conditioner.



3 IN 1 Filter & High Density Filter



BENEFITS

- · Purify the air, reducing air born particles and can lower the number of allergens in your home.
- · Protection for your air conditioner to keep it running properly, longer.







Energy Saving & Comfort



Efficient Evaporator





0.5W Standby









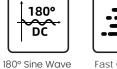


Quiet Mode

DC Inverter



DC Inverter













ENERGY SAVING



TECHNOLOGY



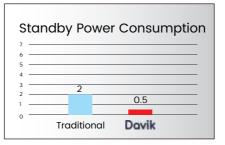
ECO Mode

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.



C-Shaped Efficient Evaporator

The evaporator is one of the most important components in the air conditioner, and it is also the main carrier to realize the exchange of cooling and heating. Compared with the 3-bend type, the heat exchange area of the C-type evaporator is increased by 15-30%. At the same time, it avoids the air reverse blowing increases 12-25% cooling and heating speed. It also effectively reduce the noise level.



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.





Compressor

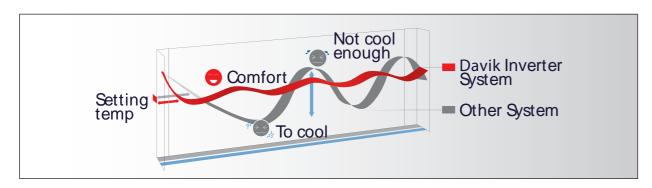
Wide Voltage

DC INVERTER

Davik DC inverter technology makes the temperature control of air conditioners more accurate, cooling faster, running quieter.

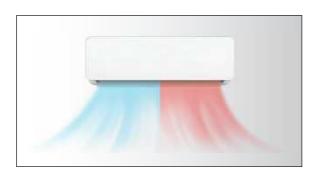


TECHNOLOGY



180° Sine Wave Control

Davik DC inverter air conditioner adopts the benchmark technology of 180° sine wave control technology. Compared with 120° square wave technology, it is with better efficiency, lower energy consumption, and better stability and reliability.



Fast Cooling & Heating

Davik DC inverter air conditioner has a wide range frequency conversion, cooling with 6 times the speed, heating with 9 times the speed. After turning on, it can make the compressor and turbo into the high-frequency operation, to achieve maximum operation speed, and instantly reach the maximum input cooling (heating) volume.



Twin Rotary Compressor

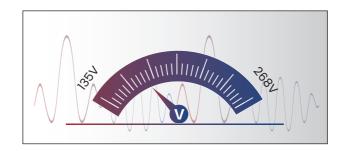
Being twin rotors, the compression load would be lower as compared to a single inverter compressor, which will also increase the cooling efficiency and also decrease the vibration, that makes it more efficiency and reliability.



DC Motor

When it comes to starting and regulating speed, DC motors have a good performance. A Direct Current motor runs smoothly and the range of speed regulation is wide. The overload capability is strong and the electromagnetic interference is small.

RELIABILITY



Wide Voltage Range

Davik inverter air conditioner with 135v-268v wide voltage range, which is suitable for the regions with unstable power supply.



Operation up to -20°C

Davik Air Conditioners with their superior technology keep you comfort even when the temperature outside low to -20°C

BENEFITS

· User Comfort

The speed of DC Inverter Compressor is constantly adjusted and varied to maintain the desired temperature with minimal fluctuation.

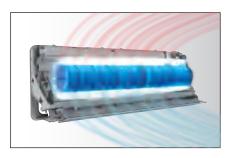
· Energy Saving

Davik DC Inverter Technology minimizes energy loss and keeps the efficiency levels high to make it more efficient.

COMFORT AIRFLOW



TECHNOLOGY



Turbo

With this function, the air conditioner will maximize the output of cooling and heating capacity, making 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.



3D Airflow

Louvers on Davik air conditioner can swing automatically by combining the vertical and horizontal, detailed wind direction make possible for cooling to spread evenly and widely.

I Feel

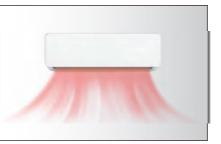
With a temperature sensor built in the remote controller, the air conditioner can detect the surrounding temperature of controller, and I FEEL function enables the air conditioner to operate according to the ambient temperature around the remote controller.





Quiet Mode

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



Anti-Cold Air Function

In the 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.





DC Inverter







Fast Cooling & Heating Compressor



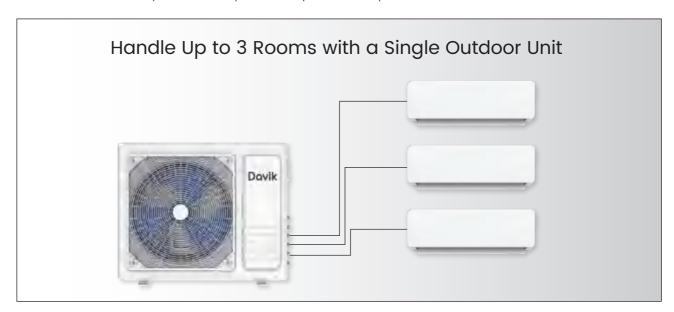
Wide Voltage Operation





MULTI SPLIT

Davik Multi Split system enables simultaneous cooling or heating of several rooms by installing just one outdoor unit. Whether it is a multi-storey house, office space or an apartment complex.



TECHNOLOGY



Individual Control

Outdoor unit connects to each indoor unit independently it is able to adjust the operation settings for each indoor unit separately.



Fast Cooling/Heating



High Efficiency



DC Inverter



-20°C Tem Start

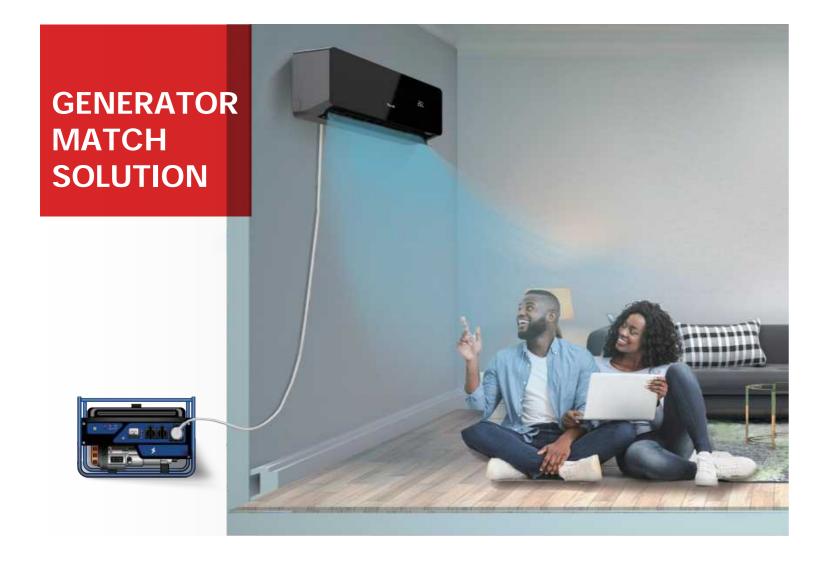
BENEFITS



Space-saving

The outdoor unit can connect up to 3 indoor units, less outdoor units are required for a space-saving installation, which can be flexibly customized to your house layout.





DC Inverter







180° Sine Wave DC Inverter Compressor

Fluctuating Voltage Operation

GenXcool

Davik GenXcool Technology solves the problem that users cannot drive air conditioners by using small-capacity generators in places where power is limited due to unstable supply.



TECHNOLOGY



Small Generator Drive

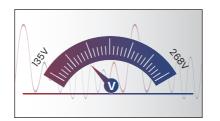
The air conditioner is equipped with the Genmode function, which allows the AC to work on a small generator, even can continue to use home appliances and air conditioners without interruption.



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.

RELIABILITY



Fluctuating Voltage Operation

Davik GenXcool AC with 135v-268v wide voltage range, even if the power supply is irregular or the voltage is too low, it will not affect the normal work.

Features Guide

Standard

Optional



Health



Mildew Proof

There is still water in the unit after the air conditioner is turned off. Davik 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

Davik 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. And 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.

DC Inverter



180° Sine Wave Davik DC inverter air conditioner adopts the benchmark technology of 180° sine wave control technology. Compared with 120° square wave technology, it is with better efficiency, lower energy consumption, and better stability and reliability.



Fast Cooling & Heating

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



Wide Voltage Range

Davik inverter air conditioner with 135v-268v wide voltage range, which is suitable for the regions with unstable power supply.



-20°C Ultra-lo Tem Start

Davik Air Conditioners with their superior technology keep you comfort even when the temperature outside low to -20°C.



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 as compared to a single inverter compressor, which will also increase the cooling efficiency and also decrease the vibration, that makes it more efficiency and reliability.

Features Guide

Standard

Optional (



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

In the 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 Davik air conditioner can swing automatically by combining the vertical and horizontal, detailed wind direction make possible for cooling to spread evenly and widely.



Quiet Mode

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

Energy Saving



Brand Compressor

Davik Air Conditioning chooses GMCC, HIGHLY and other world brand compressors.



ECO

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.



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

Davik 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 by using voice commands, makes our life simple and smart.



Offline Voice Control Davik 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



Convenience



Auto Restart

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



Auto Mode

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



Hidden LED Display

Davik modern large hidden display is perfect for checking your display conveniently. Moreover with Hidden Display feature, avoid light stimulation and take 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



Emergent 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.



Memory

Louver Position After turning on or changing 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 misoperation



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 unit.

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



Error Alarm

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



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

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 Compensation background program is compensated to make the detected temperature as consistent as possible with the ambient temperature.



Dew Prevention In the 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

Davik 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 it's safety and fireproof ability.



Auxiliary **Electric Heater**

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











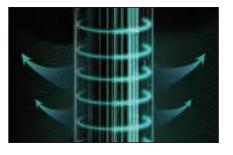
0.1 °C Accurate Sense of Technology

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. Not only can prevent the temperature overshoot brought by the waste of energy, but also to avoid the temperature fluctuations caused by uncomfortable feeling, a fundamental solution to the phenomenon of hot and cold.



One Button Start

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



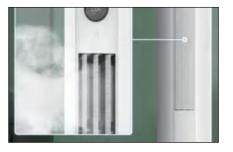
Intelligent Air Volume Compensation

There is no need to worry about the performance degradation caused by the dirty filter or evaporator condensate, and 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.









Touch Control

Totally Enclosed Air Outlet Blades Design

Ultra Long-distance Remote Control



T3 Tropical Working Condition

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



Long Distance Airflow

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



Three Dimensional Air Inlet

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

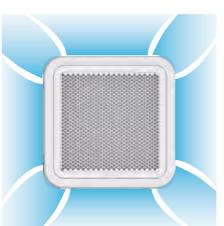


3D Air Flow

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







360°Air Supply

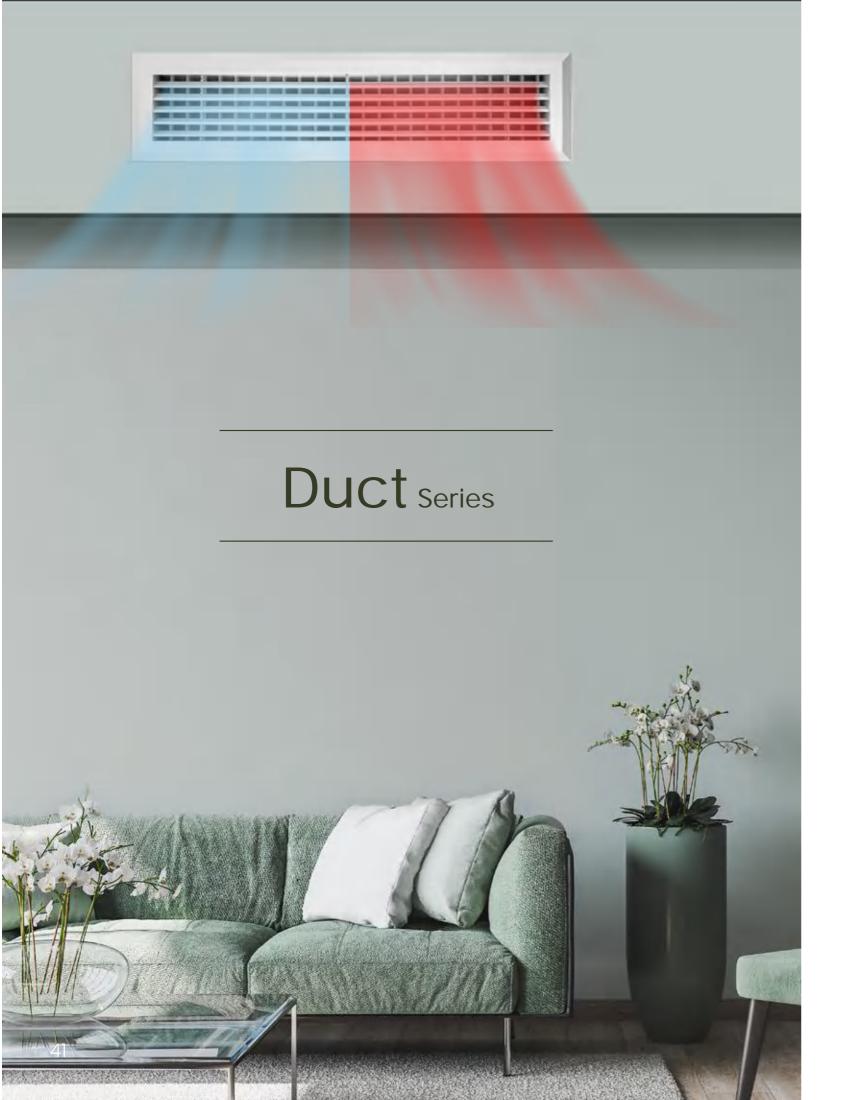
The 360° wide angle air supply and uniform airflow newly achieve long-lasting comfort in the room.

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.





Super Slim Design

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





Perfectly Integrated With The Decoration

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



Quiet Running

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

Multi-split series





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

Davik Air Conditioners with their superior technology keeps your comfort even when the temperature outside low to -20°C.



Fast Cooling/Heating

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

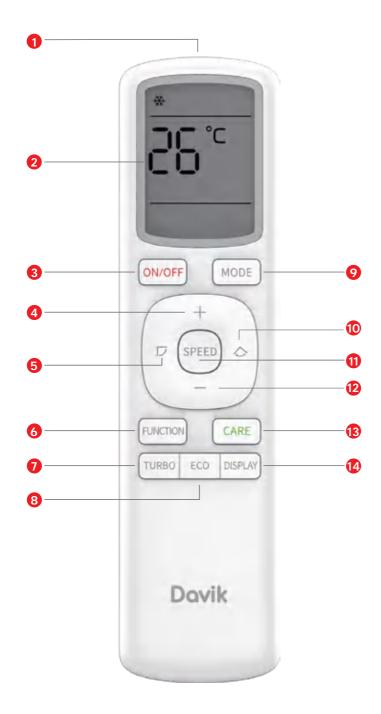


Smart Control

You can control the Davik multi-split system from any locations at any time through an app, and allows you to control each room individually.

Outdoor unit	1 drive 2		1 drive 3	
Donk	9K+9K	/	N/A	
	9K+12K	12K+12K		
Dovik	9K+9K	9K+12K	9K+9K+9K	/
	9K+18K	12K+12K	9K+12K+12K	9K+9K+12K
	12K+18K	18K+18K	9K+9K+18K	12K+12K+12K

Remote Control



- 1 INDUCTOR, sending signals of room temperature to unit every 3 minutes 10 V-SWEEP, for changing vertical blades position.
- 2 DISPLAY SCREEN, display running status.
- 3 ON/OFF, press this button to turn on/ off air conditioner.
- 4 TEMP, press + to increase temperature.
- **5** H-SWEEP, for changing horizontal blades position.
- **6** FUNCTION, press this button to select different functions.
- 7 TURBO, press this button to run the AC in strongest cooling status.
- 8 ECO, press this button to start ECO Mode.
- 9 MODE, cooling-fan-drying-heating-auto.

- 1 SPEED, for selecting indoor fan speed .Auto, High speed, Medium speed, Low speed.
- TEMP, press to decrease temperature.
- (B) CARE, press this button to start CARE Mode.
- 1 DISPLAY, press this button to turn on/off the LED display.