innovation you

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Philips Air Conditioner Overseas Operation Center

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General Features Catalog

Residential & Light Commercial Air Conditioners

Over the past decade we have transformed into a focused leader in health technology

Koninklijke Philips N.V. (Royal Philips) was founded in 1891 and is a global leader in health technology. Currently, Philips has 10,751 research and development personnel, and its R&D investment reached 1.8 billion euros in 2021 alone, ranking among the top 100 most innovative companies globally by Derwent for 8 consecutive years. In 2021, Philips was ranked the 57th best global brand by Interbrand with a brand value of $12.1 billion, and ranked 14th on the "2022 Global Corporate Reputation 100" list.

Inheriting a century-old legacy, in order to provide all consumers with a more comfortable and healthier air environment, Philips has entered the air conditioning market, taking the creation of healthy living spaces as the core of its development. Philips continues to optimize the comfort and convenience of its products, and has made reliable and durable quality the foundation for its long-term development, meticulously crafting professional, stable, healthy, and comfortable air conditioning products.

Achieving greatness through expertise and winning the future through integrity. Philips air conditioning will focus on the needs of every consumer, keep up with industry development trends, continuously pursue breakthroughs in health technology and product performance, innovate the core technologies of air conditioning, and strive to improve people's lives.

~9%
of sales

invested in R&D
in 2023

~50%

sofeware/data science
focus in R&D

53,000

patent rights

#2 company

for MedTech patent filings
with European Patent Office in 2023

Clarivate Top 100 Global Innovator ™

11th year in a row

Brand History

1890s
Entrepreneur' s
New Perspective

1900s
Pioneer of Social
Responsibility

1930s
Innovative Product
Experiences

1990s
Human-Centred Design

2010s
Leading Health
Technology

2021
Starting the
Healthy Moment

Technical Innovation
Strict Quality Control

- Professional Technical R&D Team
- Robust Technical R&D Capabilities
- Industry-Renowned Quality Control Experience
- **Comprehensive Quality Management Across the Entire Process**

ISO 9001 Quality Management System Certification
ISO 14001 Environmental Management System Certification
ISO 45001 Occupational Health and Safety Management System Certification

FQC -
Philips Quality
Management Standard

RED-TOP AWARD

IF DESIGN AWARD

RED DOT DESIGN AWARDS

NOBLE Series

Nb1F (Fresh Air)

Royal Blue

Nb3F (Fresh Air)

Knight White / Starlight Gold

Na1/Na1F (Fresh Air)

Royal Blue / Titanium Gray

ELITE Series

Eb1

Pearl White / Luminous Gold / Gray

Ea3

Luminous Gold / Deep Grey

AIR Series

Ab1

White

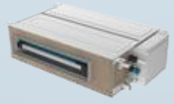
Ab2

White

CAC Series

LCAC

Cassette



Duct

Mini VRF

Key Functions

Standard functions							
Self-clean	High temperature sterilization	Three-color filter	Dry	Prevention of cold wind when heating	Blow away afterheat	Wide-voltage operation	Fan only
Turbo	Quiet	Comfort	Timer	Sleep mode	Saving mode	Dehumi-difying	Auto mode
Up/down swing	Multi fan speed	Power-off memory	Low-power standby	Self-diognosis	Soft start	Display	Child lock
°F/℃ display	DC inverter	Anti-corrosion	Washable filte	LED back light display	LCD screen	Smart defrost	

Optional functions							
WiFi	Voice control	Water ion	UVC	CO2 detect	Fresh air	Outdoor fan reverses to remove dust	I feel
Left/Right swing	Condensser& Evaporater anti corrosion	Compressor electric heating	Outdoor unit base electric heating	Sleep mode			

Due to the limitations of the existing shell structure, only some models can achieve optonal functions.

NOBLE Series

Health Technology
Enjoy High-Quality Breathing

NOBLE Series

Inverter Fresh Air Conditioner

Royal Blue

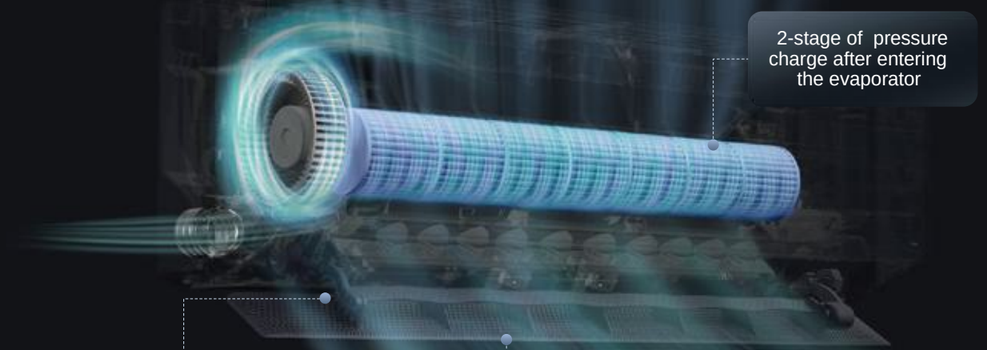
1.5HP | Suitable for 15-23m ²

Fresh Air Rejuvenation

"Dual-Engine Integrated" Constant Temperature Fresh Air Technology - Zero Temperature Difference

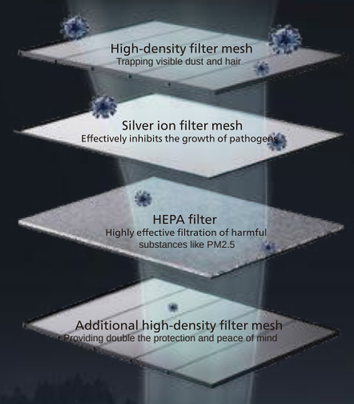
The centrifugal fan and evaporator dual-engine collaboration, with double compression, maximally balances the temperature difference between the fresh air and air conditioning airflow within the internal coils, before supplying the air into the room.

Note: Zero temperature difference refers to the temperature of the fresh air after blending with the evaporator being the same as the air conditioning outlet temperature.



4-Stage Deep Filtration Process

Every stream of fresh air undergoes filtration before entering the indoor space, creating a powerful and effective clean air barrier for sensitive respiratory systems. This ensures that every breath is clean and fresh.



99.1% PM2.5 purification rate

97.3% pollen purification rate

97.2% H1N1 influenza virus antiviral rate

99% inhibition rate for Staphylo-coccus aureus and E. coli

Large Fresh Air Volume of 60 m³/h Circulating the Air 10 Times throughout the Night*

During the nighttime sleep period, this helps to chase away odors and dilute harmful volatile compounds. For newly-moved-in households and those with pets, this ensures they can enjoy clean, comfortable indoor air, with peace of mind.

The micro-positive pressure fresh air defense system isolates the indoor space from outdoor pollution

By maintaining a slight positive pressure differential between the indoor and outdoor environments, it replaces stale indoor air with fresh air, creating an invisible defensive barrier against external pollution. This proactive approach provides greater peace of mind.

Independent fresh air control system for transitional seasons

The fresh air system can operate independently. During transitional seasons, running the fresh air system alone can help smoothly transition through hot or cold periods, maintaining comfort throughout the year.

Independent operation of the fresh air system to enjoy comfort in all seasons

Cooling/heating + fresh air operation to maintain comfortable temperature and clean air

Efficient purification with "visualized" healthy fresh air

Real-time monitoring of indoor CO2 levels and display of air quality status, coupled with effective purification, provides a "visualized" experience of healthy fresh air.

- CO2 concentration below 1000 PPM
- CO2 concentration between 1000-2000 PPM
- CO2 concentration above 2000 PPM

Note:
1. The maximum fresh air volume of this product is 60 m³/h. Based on the actual installation conditions, it may be necessary to evaluate whether to add new openings (new hole diameter of 65 mm) or directly expand the holes (expanded hole diameter of 80 mm).
2. The actual fresh air volume may differ due to factors such as length, thickness, and bends of the fresh air duct.
3. It was calculated based on an average sleep duration of 8 hours and a bedroom area of 15-20 m².

Cantilever Extension Structure with a large guide louver utilizes a "soft wind" technology with 2253 micro-holes

The cantilever extension structure features a large guide louver design, with 2253 diverse and high-density micro-holes evenly distributed across the guide louver. As the airflow passes through, it is thoroughly deflected and dispersed, further softening the wind feel to produce a gentle, soothing breeze.

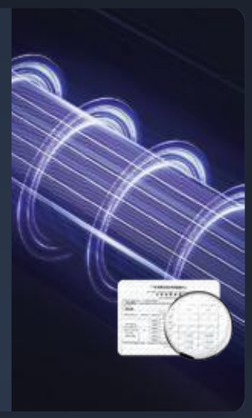
Air Deep Clean Max

Super Air Purification System, creating a high-quality indoor breathing environment

Philips UVC Closed-Loop Steriliza - tion Technology

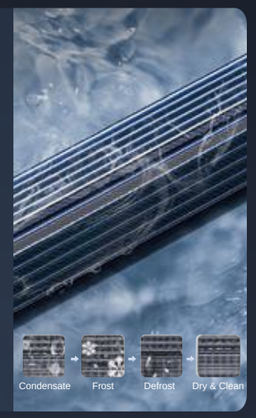
The UVC deep sterilization technology can destroy the biological structure of common airborne bacteria such as Staphylococcus epidermidis, Staphylococcus aureus, E. coli, and H1N1 virus, ensuring the cleanliness and health of indoor air.

Note: Data obtained through third-party testing.



Intelligent Self-Clean for Dust-free Air Conditioning

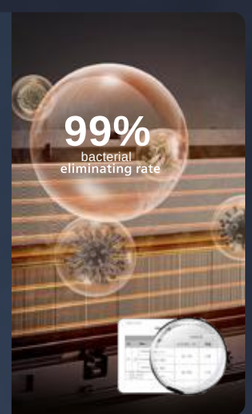
The Philips air conditioning intelligent self-clean technology, through a process of condensation dust capture, frost locking of dust, defrost dust removal, and drying, actively captures moisture in the air and deeply cleans the evaporator, giving the air conditioner a clean "lung" to achieve "core respiration".



57° C High Temp Drying and Disinfec - tion for Clean Supply Air

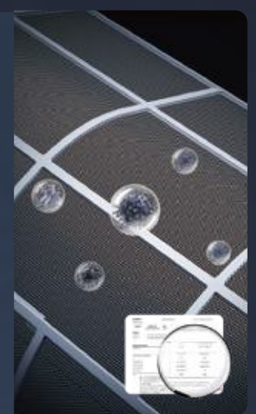
After the intelligent self-clean, the 57°C high-temperature disinfection module can further dry and disinfect the evaporator, achieving deeper air cleaning.

Note: 57°C high-temperature disinfection is the maximum recorded value under specific conditions, and the actual temperature may fluctuate to some extent.



Multi-functional Filter Healthy Air for Comfortable Breath - ing

The multi-functional healthy filter effectively inhibits bacterial growth, providing cleaner exhaust and more comfortable breathing.



Personalized Comfort Airflow four optimal health-focused air delivery angles

Mother & Baby Care Airflow Mode

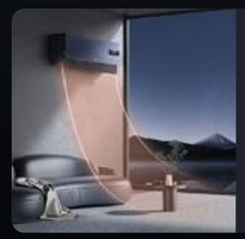
The guide louver can be fully closed, and the airflow is dispersed through 2253 micro-holes, creating a gentle, soft breeze with a cooling sensation but no cold drafts.

Relaxation Soothing Airflow Mode

The guide louver is in an open, enveloping state, delivering a wide-angle airflow. A portion of the airflow is dispersed through the 2253 micro-holes in a three-dimensional manner, creating a gentle, all-encompassing breeze suitable for both warm and cool environments.

Sweat Prevention Anti-Direct Blowing Mode

The guide louver automatically tilts upwards, directing the airflow upwards. The cool air uniformly descends, avoiding direct cold airflow onto sweating areas and helping to restore a refreshing cool sensation more quickly.

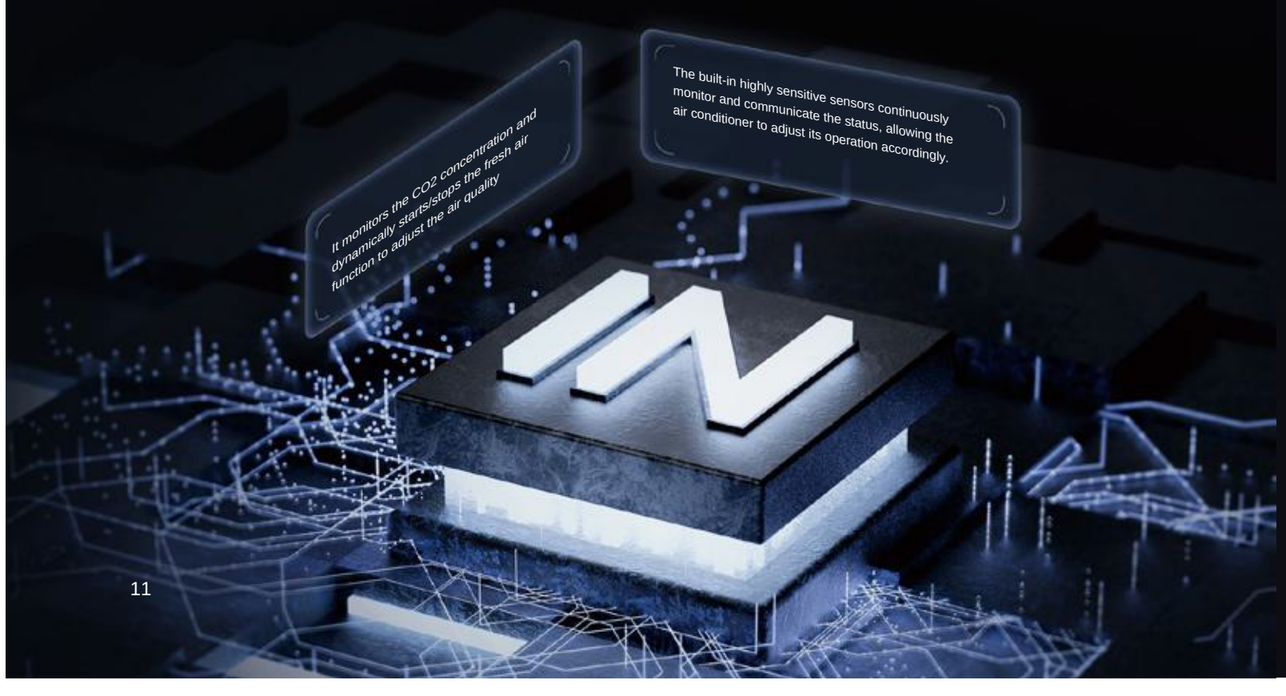


Warm Carpet Airflow Mode

The airflow is delivered in a vertical, carpet-like pattern, warming from the bottom up. The warmth starts from the feet, keeping your home cozy on cold winter days, no longer leaving your feet feeling icy cold.

Invisible Air Butler - intelligent control of indoor microclimate

With a single touch, activate the "Invisible Intelligent Control" (IN Smart Control) function. Silently and invisi - bly, you can effortlessly manage the indoor air and temperature, enjoying a comfortable microclimate.



High Airflow, Low Power Consumption DC Inverter Fresh Air Unit

Adopting Philips DC Inverter Technology to reduce power consumption and reach maximum energy efficiency.

3D Spatial Airflow - Personalized Zoned Air Delivery

The flexible control of air outlet direction can be tailored to meet the personalized airflow needs for different scenarios.

- Left Right & Up Down Air Supply
- Left & Right Independent Partitions

Precise Temperature Control in 0.5°C

Users can make fine-tuned temperature adjustments in 0.5°C on the remote control. Even small temperature differences can bring noticeable comfort changes. The unit's display utilizes intelligent light sensing technolo - gy to automatically adjust the screen brightness based on the ambient light conditions.

18 dB(A) Quiet Operation

The duct noise reduction design ensures that even at high airflow, the air delivery is smooth and gentle, creating a serene and comfortable living environment.

Note: The noise level of 18 dB(A) refers to the minimum achievable noise during air conditioning operation, measured under specific test conditions. The actual noise level may differ depending on the installation environment.

NOBLE Series

Inverter Air Conditioner

● Knight White / ● Starlight Gold

1.5 HP | Suitable for areas 15-23 m²

No Need for Hole Expansion - Enjoy Fresh Air with Easy Installation, Providing Ample Fresh Air Volume

Fresh air installation can be simple without hole expansion. The fresh air volume can reach up to 40 m³/h, allowing for a complete air change in the entire home within 1 hour.

40 m³/h Large Fresh Air Flow

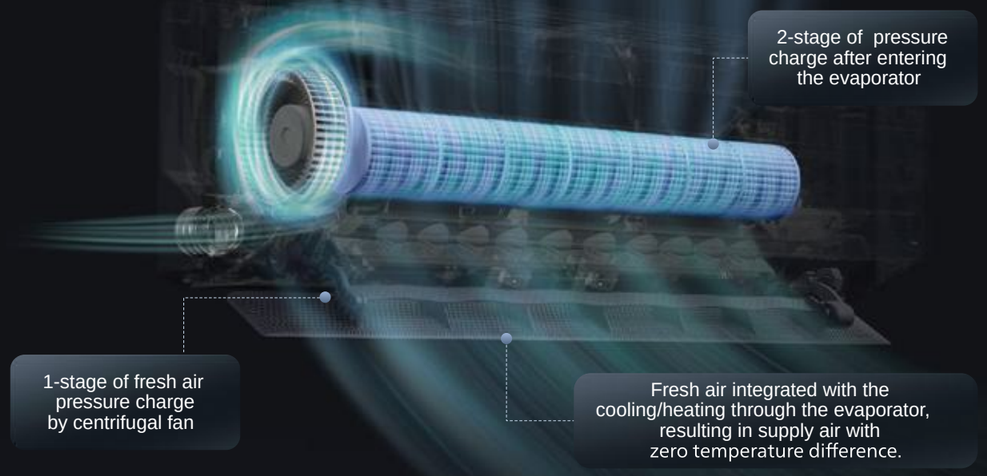
1h Air Circulation

Note:
1. 40 m³/h is the maximum fresh air volume, which may differ due to actual factors affecting the installation.
2. This time estimate is based on a space of 15 m² with a ceiling height of 2.8 m.
3. The "no hole expansion required" refers to the left/right piping installation method that fits the standard 63 mm hole diameter. Other piping methods should be determined based on the actual installation environment.

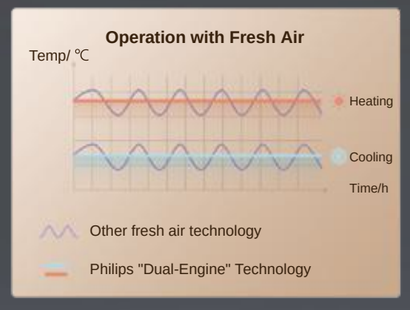
"Dual-Engine Integrated" Constant Temperature Fresh Air Technology - Zero Temperature Difference

Developed independently by Philips, the centrifugal fan and evaporator dual-engine collaboration, with double compression, maximally balances the temperature difference between the fresh air and air conditioning airflow within the internal core, before supplying the air into the room.

Note: Zero temperature difference refers to the temperature of the fresh air after blending with the evaporator being the same as the air conditioning outlet temperature.

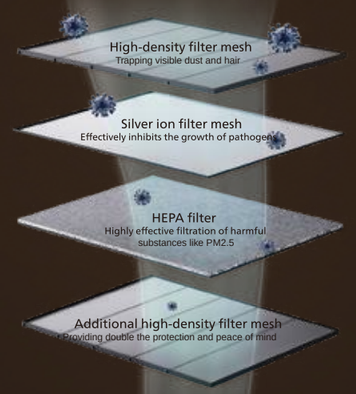


Small temperature fluctuations, comfortable and energy-saving.



4-Stage Deep Filtration Process

Every stream of fresh air undergoes filtration before entering the indoor space, creating a powerful and effective clean air barrier for sensitive respiratory systems. This ensures that every breath is clean and fresh.



99.1% PM2.5 purification rate

97.3% pollen purification rate

97.2% H1N1 influenza virus antiviral rate

99% inhibition rate for Staphylococcus aureus and E. coli

Independent Fresh Air Control System for transitional seasons

The fresh air system can operate independently. During transitional seasons, running the fresh air system alone can help smoothly transition through hot or cold periods, maintaining comfort throughout the year.

Enjoy comfortable living in all seasons with independent fresh air

Cooling/heating + fresh air linked to maintain a comfortable temperature

The Cantilever Extension Structure with a Large guide Louver Utilizes a “Soft Wind”Technology with 2757 Micro-Holes

Every stream of fresh air undergoes filtration before entering the indoor space, creating a powerful and effective clean air barrier for sensitive respiratory systems. This ensures that every breath is clean and fresh.

Mico-positive Pressure Presh Air Defense System, replacing indoor stale air and isolates outdooe pollution

By utilizing a small pressure difference between indoor and outdoor environments, it replaces indoor stale air, isolates outdoor pollution, and builds an invisible defense system for the entire household space, providing a proactive and peace - ful living environment.

Air Deep Clean Max

Super Air Purification System, creating a high-quality indoor breathing environment

Philips UVC Closed-Loop Steriliza - tion Technology

The UVC deep sterilization technology can destroy the biological structure of common airborne bacteria such as Staphylococcus epidermidis, Staphylococcus aureus, E. coli, and H1N1 virus, ensuring the cleanliness and health of indoor air. T

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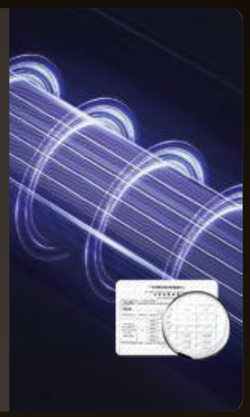
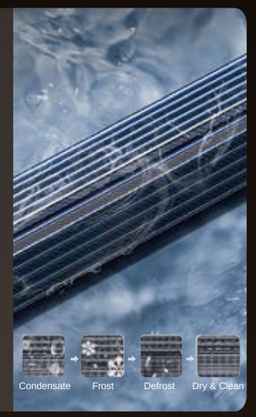


Intelligent Washer for Air Conditioning Dust-free and Power - ful

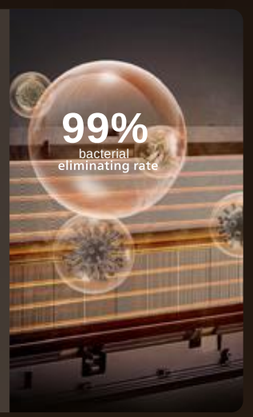
The Philips air conditioning intelligent washing technology, through a process of condensation dust capture, frost locking of dust, defrost dust removal, and drying, actively captures moisture in the air and deeply cleans the evaporator, giving the air conditioner a clean “lung” to achieve “core respiration”.



57℃ High Temp Drying and Disinfection for Clean Supply Air

After the intelligent self-clean, the 57°C high-temperature disinfection module can further dry and disinfect the evaporator, achieving deeper air cleaning.

Note: 57°C high-temperature disinfection is the maximum recorded value under specific conditions, and the actual temperature may fluctuate to some extent.



Multi-functional Filter Healthy Clean Air for Comfortable Breath - ing

The multi-functional healthy filter effectively inhibits bacterial growth, providing cleaner exhaust and more comfortable breathing.

Personalized Comfort Airflow four optimal health-focused air delivery angles

Mother & Baby Care Airflow Mode

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The guide louver automatically tilts upwards, directing the airflow upwards. The cool air uniformly descends, avoiding direct cold airflow onto sweating areas and helping to restore a refreshing cool sensation more quickly.

Warm Carpet Airflow Mode

The airflow is delivered in a vertical, carpet-like pattern, warming from the bottom up. The warmth starts from the feet, keeping your home cozy on cold winter days, no longer leaving your feet feeling icy cold.

Invisible Air Butler - intelligent control of indoor microclimate

With a single touch, activate the "Invisible Intelligent Control" (IN Smart Control) function. Silently and invisi - bly, you can effortlessly manage the indoor air and temperature, enjoying a comfortable microclimate.

0.5°C Precise Temperature Control

A small temperature difference of 0.5°C can also bring a different sense of comfort and create a personalized and comfortable indoor microclimate.

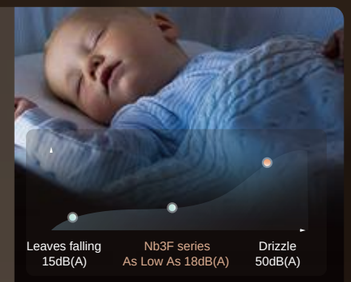
Wi-Fi Function, Comfort at Your Fingertips

Wi "Philips Air Conditioner" APP, you can remotely turn the air conditioner on and off, and also remotely set multiple functions such as smart self clean.

Quiet Operation, Peaceful Mind

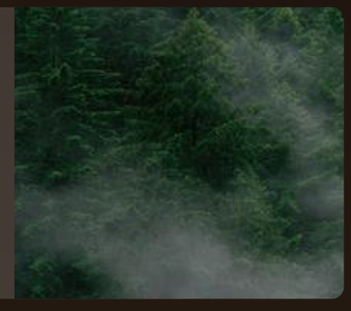
The outstanding noise reduction design ensures large air volume while making the air flow smoother and softer, creating a quiet and comfortable home space.

Note: The noise value refers to the lowest noise value that can be achieved when the air conditioner is running under specific working conditions. Due to different actual use environments, there may be differences with experimental test data.



DC Inverter Fresh Air Bower with high fan speed and low consumption, saveing worry and electricity

Adopting Philips DC Inverter Technology to reduce power consumption and reach maximum energy efficiency.



NOBLE Series

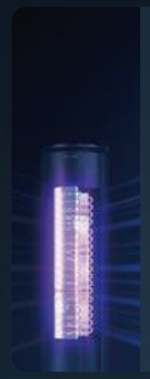
Inverter AC with fresh air-Na1/ Na1F

Royal Blue / Titanium Gray

3HP | Suitable for area 25-30m ²

Air Deep Clean Max

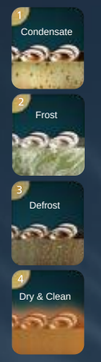
Air Deep Clean System, creating a high-quality indoor breathing environment



Philips UVC sterilization technology provides Mother-and-Baby level air safety protection.

UVC sterilization technology can destroy the biological structure of common bacteria and viruses in the air, such as Staphylococcus aureus, Escherichia coli, and influenza A (H1N1) virus, ensuring the cleanliness and health of indoor air.

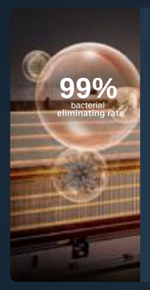
Note: The data is tested by a third-party organization according to T/CAB CSISA 0037-2020 "Technical Requirements for Antimicrobial, Antibacterial, and Purification Products for Artificial Environments Part 1: Room Air Conditioners", with the test number: WA-21-057."



Smart self-clean dust removal makes fresh air come out strongly

Philips air conditioner with smart self-clean technology, through the process of condensation dust captured - frosting dust locked - defrosting dust removal - drying and cleaning, actively captures moisture in the air, deeply cleans the evaporator, and gives the air conditioner a clean "lung", realizing the "core breathing" of the air conditioner.

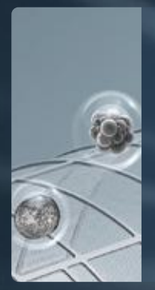
Combined with remote intelligent control via the App, you can start the cleaning process on your way home from work, coming back to enjoy clean air immediately.



57°C high temperature drying and sterilization provide you clean air and safe breathing

After smart self-clean process, 57°C high temperature sterilization module can dry the evaporator and sterilize it, deeply purify the air.

Note: 57°C high temperature sterilization is the highest temperature under specific working conditions. The actual temperature may fluctuate to a certain extent. Please subject to the actual temperature.



Three-in-one multifunctional antibacterial filter builds a strong air purification barrier

Multi-effect antibacterial, preventing bacteria from breeding for cleaner air outflow.

S-shaped (S-path) Comfort Wind cares about every inch of your skin sensation with every breeze.

When you activate the S-path Comfort Wind function of Philips air conditioner, the air guide blades will gradually close as the indoor temperature decreases, simultaneously reducing the internal fan speed and the frequency of the external unit's operation. Eventually, all air guide blades will be completely closed, allowing the wind to gently blow out from the S-shaped gap. This silky soft breeze provides you with comfortable care, giving you an unparalleled feeling of freshness.

High Air Volume Fresh Air for Easy Breathing

With a high air volume of 95m³/h, our air conditioner can quickly complete air exchange in a 25 square meter space in approximately 45 minutes without the need to open windows. You can enjoy fresh air instantly and breathe freely.

Note: The 95m³/h is the maximum fresh air volume after adding vents. The actual fresh air volume may vary due to factors such as the length, thickness, and bends of the ventilation ducts.

Innovative Integration of Mixed Flow Technology for Constant Temperature, Oxygen, and Quietness

Our innovative fresh air integration with mixed flow technology optimizes the airflow path design. Fresh air is thoroughly mixed and blended in the evaporator before being distributed, ensuring no decrease in temperature for heating or increase for cooling. This maintains stable indoor temperatures while keeping noise levels lower for a more comfortable environment.

Note: This refers to improvements compared to traditional technologies.

1+1 Dual Purification Technology Creates a Strong Purification and Nourishing Barrier

Silver Ion Primary Filter for Initial Filtration and Antibacterial Effects, Long-lasting Freshness Filters out large particles such as dust, with an antibacterial rate of over 99%*, suppressing viruses and bacteria like Escherichia coli,Staphylococcus aureus, and Aspergillus niger. HEPA composite filter for deep filtration and pollution isolation ensures clean air H11-grade filtration with a PM2.5 filtration rate of over 95%*.

Note: The above data results are from third-party testing agencies.

One-Touch Control for Efficient Purification, Clear at a Glance

The new air feature can be activated with one touch on the remote control or the unit itself. It monitors carbon dioxide levels in real-time and displays CO2 concentration levels on the unit with different colors indicating indoor air quality.

More Intimate Features, Contributing to a Beautiful Life

- 24-hour timing
- 5 fan speed
- Wifi smart control
- Sleep mode
- Child lock
- Heating anti-cold wind

ELITE Series

Gentler Wind, Cleaner Coils

ELITE Series

Inverter AC-Eb1

Pearl White / Luminous Gold / Gray

1 HP | suitable for area 10-17m ²

1.5 HP | suitable for area 15-23m ²

2078 Micro-Holes, creating a 35° comfort air angle

Fresh air installation can be simple without hole expansion. The fresh air volume can reach up to 40 m³/h, allowing for a complete air change in the entire home within 1 hour.

2078
micro-holes
dispersing the air

35°
elevates to 35°
and deliver the air

Air Deep Clean Max

Air Deep Clean System, creating a high-quality indoor breathing environment

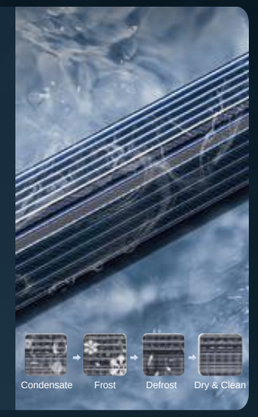
Philips UVC Deep Ultraviolet Closed-Loop Steriliza - tion Technology - Providing Mother & Baby Grade Air Safety

The UVC sterilization technology can destroy the biological structure of common airborne bacteria such as Staphylococcus epidermidis, Staphylococcus aureus, E. coli, and H1N1 virus, ensuring the cleanliness and health of indoor air.

Note: Data obtained through third-party testing.

Intelligent Washer for Air Conditioning Dust-free and Power - ful

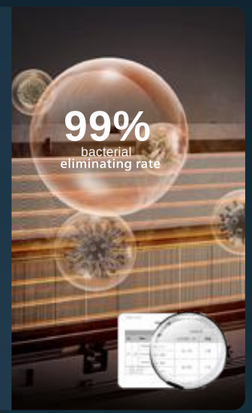
The Philips air conditioning intelligent washing technology, through a process of condensation dust capture, frost locking of dust, defrost dust removal, and drying, actively captures moisture in the air and deeply cleans the evaporator, giving the air conditioner a clean "lung" to achieve "core respiration".



57° C High Temp Drying and Disinfec - tion for Clean Supply Air

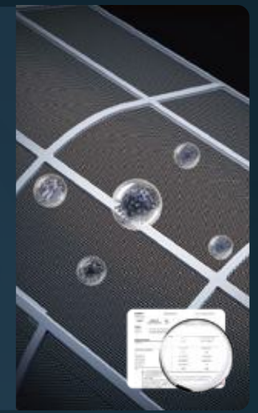
After the intelligent core washing, the 57°C high-temperature disinfection module can further dry and disinfect the evaporator, achieving deeper air cleaning.

Note: 57°C high-temperature disinfection is the maximum recorded value under specific conditions, and the actual temperature may fluctuate to some extent.



Multi-functional Filter Healthy Clean Air for Comfortable Breath - ing

The multi-functional healthy filter effectively inhibits bacterial growth, providing cleaner exhaust and more comfortable breathing.



18dB(A) Quiet Operation

Note: This noise value refers to the minimum noise level achieved when the air conditioning is running.
The specific conditions under which this value was measured may differ from the actual usage environment.

ELITE Series

Inverter AC-Ea3

● Luminous Gold / ● Deep Grey

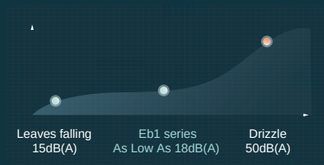
2 HP | Suitable for areas of 23-34m ²
3 HP | Suitable for areas of 32-48m ²

3D Gentle Breeze Sensation

GOLF spherical gentle breeze louvers, gently delivering a refreshing and soothing airflow

Applying the Bernoulli's fluid dynamics principle, mimicking the curved design of aerospace wings, bolstered by the GOLF spheri - cal gentle breeze guiding louvers with 4920 3D concave points to deflect the airflow, breaking up turbulent hard airflow. This design disperses a silky gentle breeze in all directions, envelop - ing every moment at home in a cool and gentle embrace.

Quiet Operation22dB(A)
Gentle breeze, no sleep distrubing



Note: This noise value refers to the minimum noise level achieved when the air conditioning is running.
The specific conditions under which this value was measured may differ from the actual usage environment.

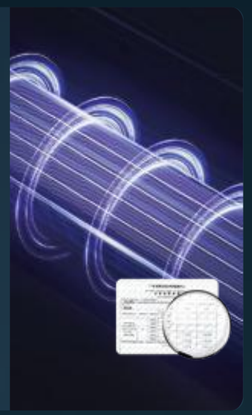
Air Deep Clean Max

Super Air Purification System, Creating a high-quality indoor breathing environment

Philips UVC Deep Ultraviolet Closed-Loop Steriliza - tion Technology - Providing Mother & Baby Grade Air Safety

The UVC sterilization technology can destroy the biological structure of common airborne bacteria such as Staphylococcus epidermidis, Staphylococcus aureus, E. coli, and H1N1 virus, ensuring the cleanliness and health of indoor air.

Note: Data obtained through third-party testing.



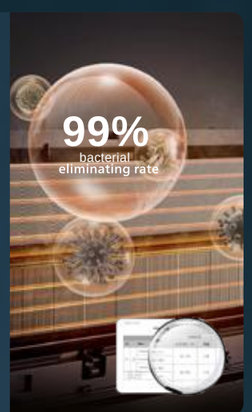
Intelligent Washer for Air Conditioning Dust-free and Power - ful

The Philips air conditioning intelligent self-clean technology, through a process of condensation dust capture, frost locking of dust, defrost dust removal, and drying, actively captures moisture in the air and deeply cleans the evaporator, giving the air conditioner a clean "lung" to achieve "core respiration".

57° C High Temp Drying and Disinfec - tion for Clean Supply Air

After the intelligent self-clean, the 57°C high-temperature disinfection module can further dry and disinfect the evaporator, achieving deeper air cleaning.

Note: 57°C high-temperature disinfection is the maximum recorded value under specific conditions, and the actual temperature may fluctuate to some extent.



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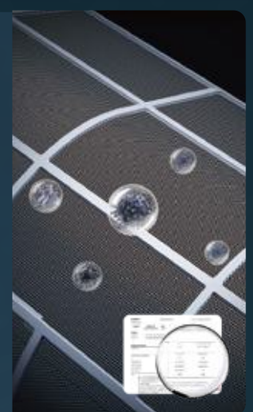
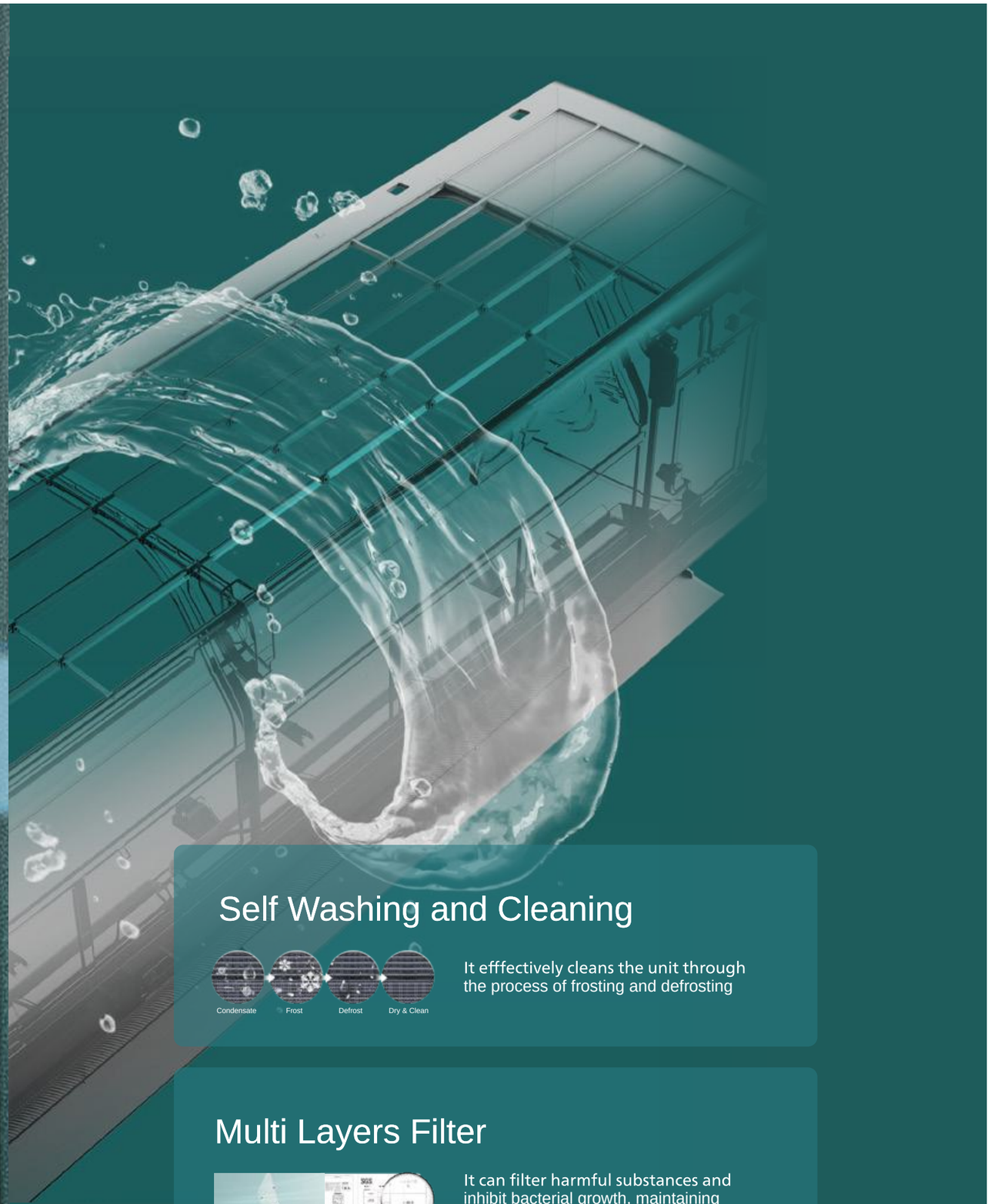


AIR Series

PHILIPS Air Conditioner

Comfort Air Mode

The indoor unit will intelligently adjust to comfort air mode that does not blow directly, and the direction of the air outlet conforms to theprinciples of aerodynamics, which is more in line with the people's comfort demand.



Self Washing and Cleaning

It efffectively cleans the unit through the process of frosting and defrosting

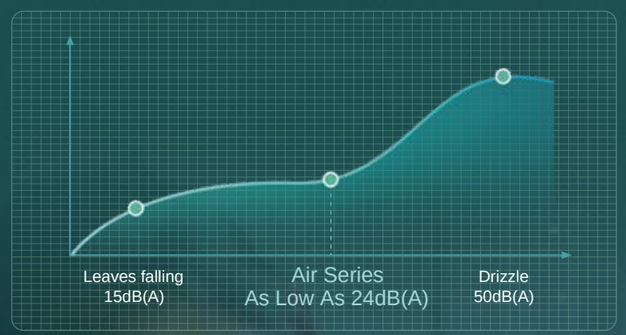
Multi Layers Filter

It can filter harmful substances and inhibit bacterial growth, maintaining fresh air in air conditioning

DeNoise

PHILIPS DN Noise Reduction Technology AS Low As 24dB

Philips air conditioners optimize the products in terms of compressor operation, refrigerant flow and structures,using innovative air flow design and adding shock-absorbing materials to achieve true noise reduction during system operation, resulting in lighter, smoother, and quieter air output.



High Quality, Good Performance

With high-quality compressors, it is smooth and quiet operation even in the fast cooling function with high-frequency operating when the unit start.Using hydrophilic fin and high-efficiency internally threaded pipes, high heat transfer efficiency, and lower energy consumption.

18-52 ℃

Cooling Operation Temperature Range

Energy Saving

Adopting Philips DC Inverter Technology to reduce power consumption and reach maximum energy efficiency.

30s Fast Cooling

Well known brand compressor and DC inverter technology. It can achieve the preset cooling temperature in 30 seconds.

Auto Sleep Mode

The sleep mode intelligently sets the temperature according to the sleep curve at night, matching the appropri ate temperature for a good sleep.

AIR Series

Inverter Ab2

Simple and elegant appearance suitable for home and business use in many scenarios

With a classic white and simple exterior design, it can be easily adapted to various scenarios such as shops, offices, living rooms, hospitals, libraries, and more.

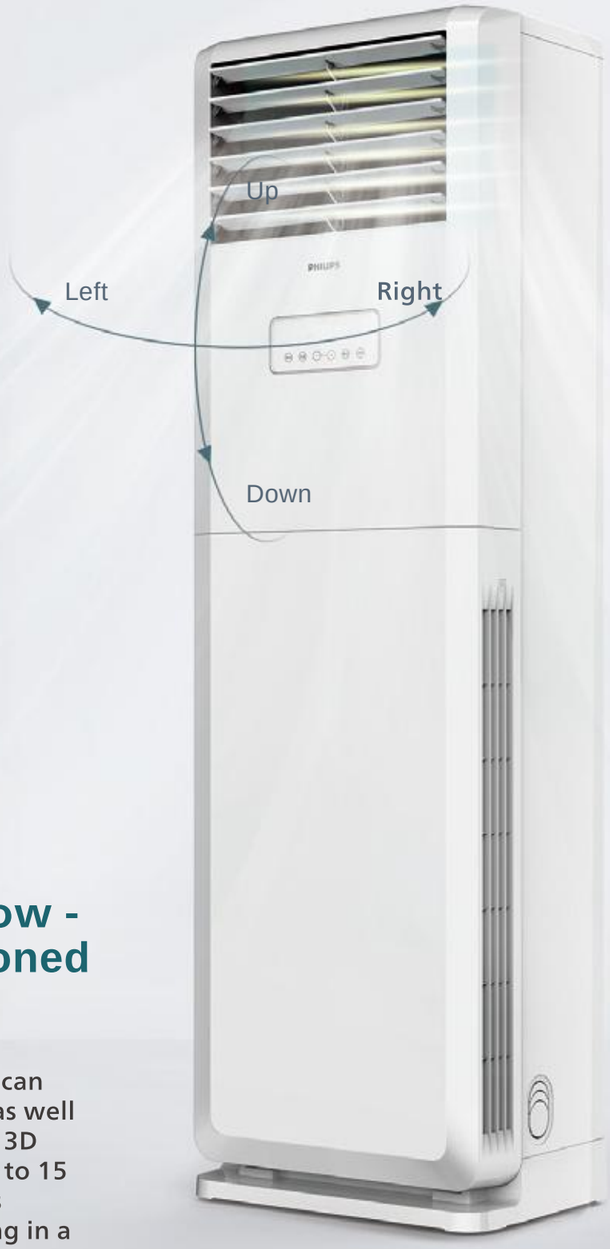
Powerful airflow and rapid heating/cooling to meet the needs of large spaces

Equipped with a high-quality compressor, it provides faster heating and cooling, giving you the ultimate speed you desire.

3HP airflow: 1200m³/h
2HP airflow: 900m³/h

Up & down swing

Left & right swing



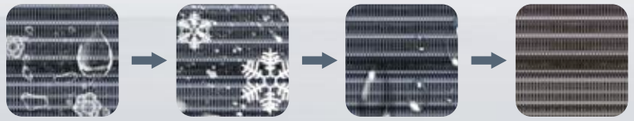
3D Spatial Airflow - personalized zoned air delivery

With dual guide louvers, it can swing both up and down, as well as left and right, providing 3D omnidirectional airflow up to 15 meters away. The airflow is smooth and stable, resulting in a more even distribution of indoor temperature and a more comfortable sensation for humans.

Note: The 15m long-distance airflow is a data obtained from lab tests under specific conditions. The actual performance may vary due to different conditions.

Intelligent Coil Cleaning

The Philips air conditioning intelligent self-clean technology, through a process of condensation dust capture, frost locking of dust, defrost dust removal, and drying, actively captures moisture in the air and deeply cleans the evaporator, giving the air conditioner a clean "lung" to achieve "core respiration".



Energy Saving

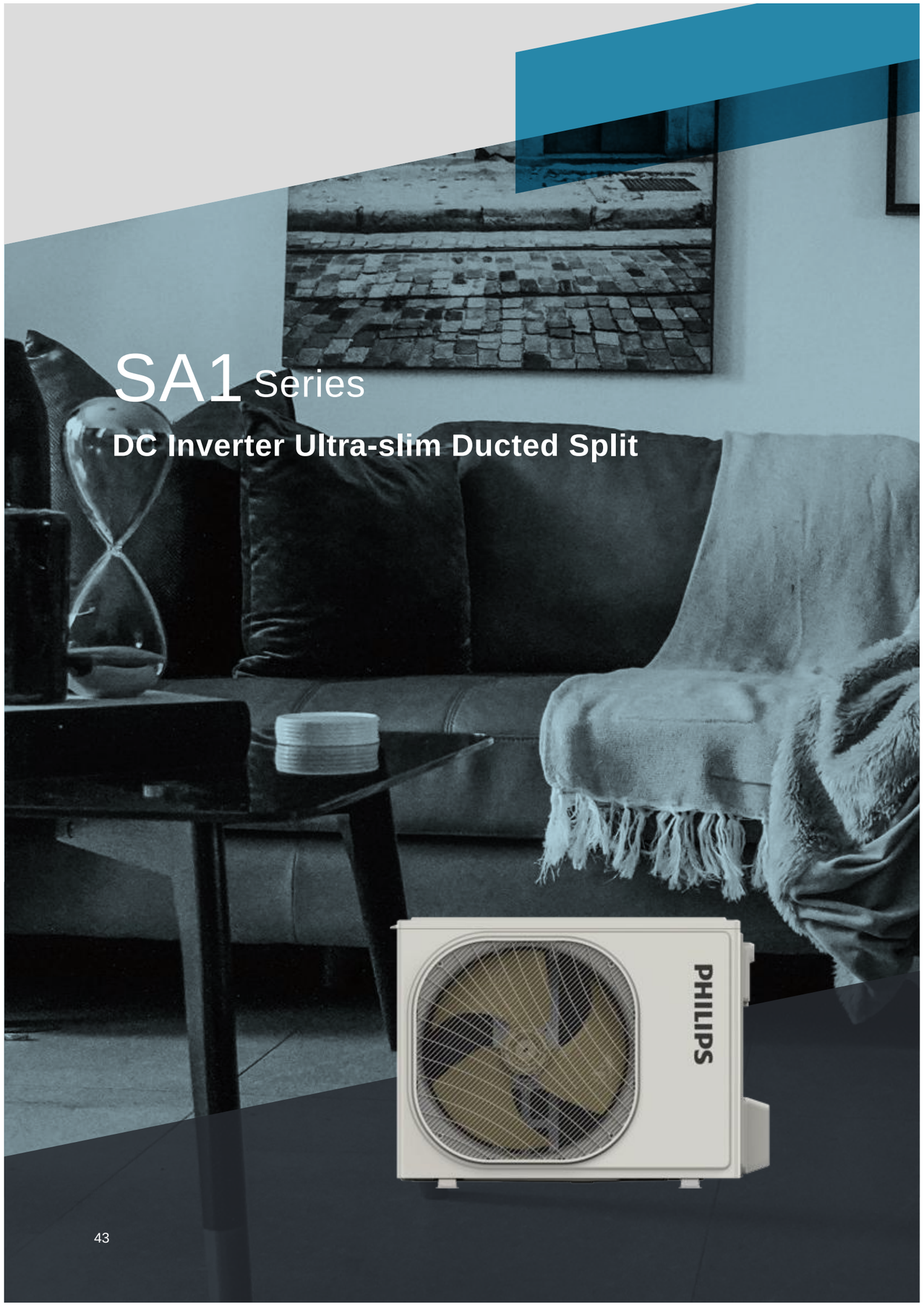
Adopting Philips DC Inverter Technology to reduce power consumption and reach maximum energy efficiency.

Independent Dehumidification

By activating the independent dehumid ification function, it effectively promotes indoor air circulation, reduces humidity in rainy seasons, and creates a pleasant and comfortable environment.

Superior Craftsmanship

Equipped with a high-quality DC invert er compressor, it starts up quickly at high frequencies, providing rapid cooling and heating with smooth and quiet opera tion. Utilizing 100% premium hydrophil ic aluminum foil, double-row condens ers, and efficient internally threaded copper tubes, it achieves high heat exchange efficiency and lower energy consumption.



SA1 Series

DC Inverter Ultra-slim Ducted Split

190mm Ultra-slim Body
Concealed Installation to Save Ceiling Spac

With a super slim 190mm body, it reduces the height of the suspended ceiling, without affecting the overall floor height and visibility. The 450mm deep body utilizes the hidden installation of the suspended ceiling space, effectively increasing space utilization, and freeing up more practical space.

Flexible Installation to Meet the Demands of Various Scenarios

With wide static pressure range of 0/10/20/30 Pa, it can meet the demands of multiple scenarios.

LOFT apartments

Household dining areas

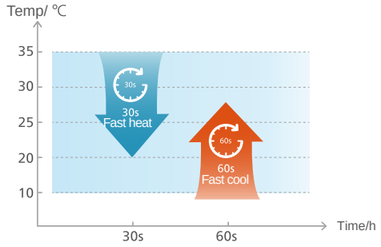
Hotel rooms

Offices

All-DC Inverter:
30s Fast Cooling, 60s Fast Heating

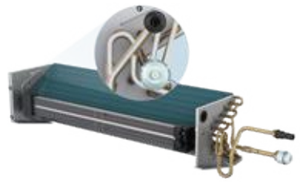
Both indoor and outdoor units use DC motors with stepless speed regulation. Through a self-developed algorithm, the compressor's operating frequency and speed control are optimized, achieving a balance between rapid heating and cooling, comfort, and efficiency.

DC Inverter Compressor



Note: The 30s fast cooling and 60s fast heating data are measured under specific conditions. Actual performance may vary depending on the environment.

Refrigerant Two-Phase Flow Design + Enhanced Operating Frequency for Improved Heating Performance



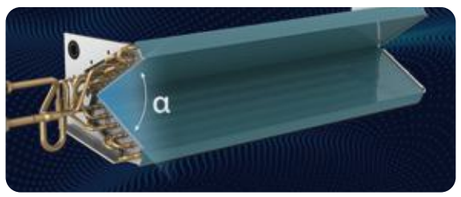
Philips air conditioners use a design that rationally arranges the heat exchanger's gas-liquid phase change regions based on airflow, optimizing refrigerant flow speed. During heating operation, the operating frequency is optimized, significantly increasing the heat exchange rate. The unit maintains strong heating performance even at outdoor temperatures as low as -20°C.

Optimized Air Duct for 10m Long-Distance Air Supply

Philips has independently designed a new type of air duct that reduces flow resistance, increases fin crossing wind speed, and significantly improves the heat transfer coefficient. This also extends the air supply distance, reaching up to 10 meters, for rapid indoor heating and cooling.

α-Angle V-Shaped Evaporator

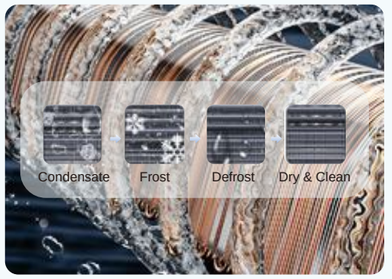
Hundreds of simulations were conducted to determine the optimized angle for the evaporator. The compact structure maximizes heat exchange area and coefficient, while the airflow's impact on the evaporator from a distance is buffered, resulting in lower noise levels.



Note: The air supply distance data is measured in a laboratory. Actual performance may vary.

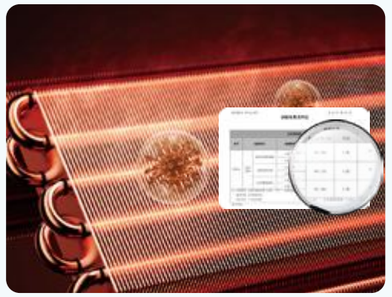
ADC Air Deep Clean
Protection of Respiratory Heath

Protecting Your Family's Respiratory Health



Smart Self-Cleaning Coils Breathe Healthier Air

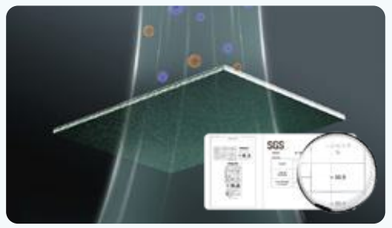
Philips air conditioners feature smart self-cleaning technology that utilizes processes like condensation dust capture, frost dust locking, and defrosting dust removal. This technology actively captures moisture from the air, deeply cleans the evaporator, and ensures the air conditioner has a clean "lung," providing you with fresh and clean air.



57°C High-Temperature Sterilization A Step Further in Cleanliness

After the smart self-cleaning process, the 57°C high-temperature sterilization module dries and disinfects the evaporator for 35 minutes, achieving a sterilization effect of up to 99%. This ensures a deeper level of cleanliness.

Note: The 57°C high-temperature sterilization refers to the maximum temperature under specific conditions. Actual temperature may vary, so refer to the actual temperature for accuracy.



Multifunctional Composite Antibacterial Filter,Strong Air Purification Barrier

The multifunctional composite antibacterial filter creates a strong air purification barrier, effectively inhibiting various bacteria in the air, preventing bacterial growth, and ensuring cleaner air output.

Smart Self-Cleaning for the Outdoor Unit Clean Inside and Out

After the indoor unit’s smart self-cleaning process is complete, the outdoor unit initiates the frost water cleaning program, effectively removing dust and dirt from the condenser. This provides an invisible shield for the outdoor unit exposed to the elements, enhancing its performance.

DN Multidimensional True Noise Reduction System

Vibration & Noise-Reducing Volute

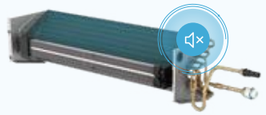
After the indoor unit's smart self-cleaning process is complete, the outdoor unit initiates the frost water cleaning program, effectively removing dust and dirt from the condenser. This provides an invisible shield for the outdoor unit exposed to the elements, enhancing its performance.

Refrigerant Flow Noise Elimina - tion Technology

Professionally simulated design of a new composite muffler that can eliminate multi-frequency refrigerant flow noise in the heat exchange system.

High-Quality Wave-Shaped Sound-Absorbing Cotton

After the indoor unit's smart self-cleaning process is complete, the outdoor unit initiates the frost water cleaning program, effectively removing dust and dirt from the condenser. This provides an invisible shield for the outdoor unit exposed to the elements, enhancing its performance.

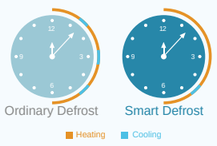


International High-Quality DC Motor

Improves operational efficiency while effectively reducing noise and extending lifespan.

Intelligent Defrosting Technology

Optimizes the heat exchange system and low-temperature heating control, significantly reducing the frequency of frost formation on the outdoor unit during low-temperature heating, extending defrosting intervals, and reducing noise from defrosting without stopping the unit.

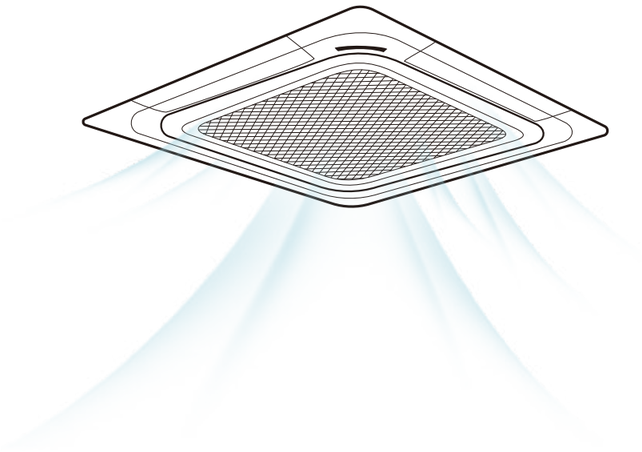


Series Cassette

360° Air Supply

360° Air Supply, without Dead Angle

360° air outlet design optimizes the air direction and provides comprehensive air supply. Wide air guide louver effectively prevents short circuit of return air and achieves ultra-long-distance air supply. There is no dead angle for air supply, and the comfortable airflow evenly covers every corner, making the temperature distribution more uniform.

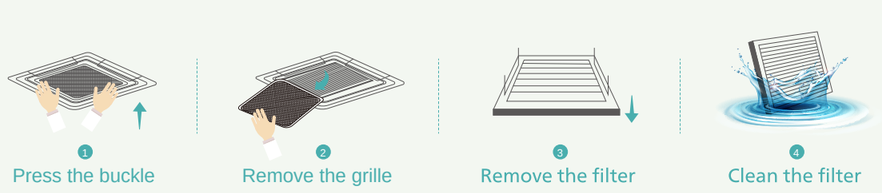


Large Air Volume, Extremely Fast Cooling and Heating

According to different places, different time and demands, different gears of air supply can be selected. The highest three gears are adjustable, which can provide gentle air supply and continuous strong air flow. Especially the high gear mode, with a maximum circulating air volume of 2000m3/h, can fully meet the continuous cooling and heating needs of large spaces.

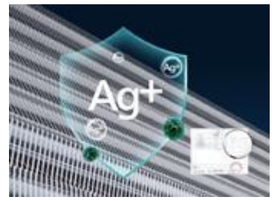
Buckle Design for Easy Cleanin

The return air grille panel adopts a button-down buckle design. When you need to clean the internal filter, press the button with your finger and the grille panel will automatically pop up, making disassembly and maintenance simple and convenient.



Antibacterial and Mildew-proof Ag+ Silver Ion Fins, Suppling Clean and Odorless Air

The evaporator fins are equipped with nano silver ion antibacterial material to prevent mold caused by condensed water and dust falling on the fins. The 99.9%* strong antibacterial effect makes the air cleaner and creates a high-quality breathing environment.



*Note:
1. The above data was analyzed and tested by a third-party laboratory analysis and testing center.
2. The above laboratory data were obtained in a test environment and are not used as a basis for consumers to test products.
3. This test report (data) is only for reference, and the product itself does not have the function of preventing and treating diseases.

Eddy Current Silent Technology

The streamlined eddy current silent fan is optimized by the air duct CFD simulation technology. The air flow is smooth and fluent, the air volume is large, the air flow is balanced and stable, and the eddy current noise is reduced, the operation is low-noise, and it is quiet and comfortable.

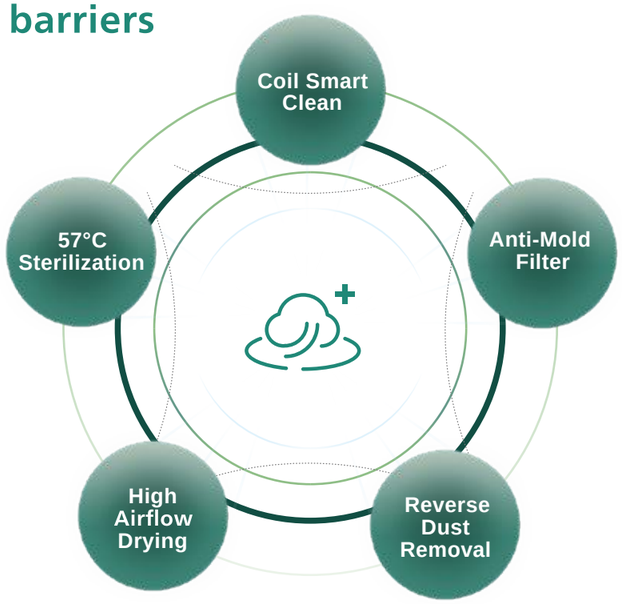
Eddy Silent Fan

HK1 Series

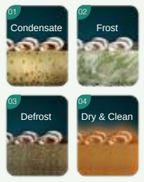
Residential Mini VRF

Air Deep Clean+

ADC+ Air Deep Clean
Five air purification barriers for fresh breathing

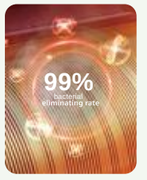


Coil intelligent deep clean, gives air conditioner clean "lung"



Dust accumulation in the indoor unit not only affects the air quality, but also the cooling effect. Philips air conditioner intelligent deep clean technology actively captures moisture in the air through processes such as condensation dust capture, frost dust lock, and defrost dust removal, deeply cleans the evaporator, and gives the air conditioner a clean "lung" for fresh air.

57°C high temperature sterilization, further clean and fresh



After the intelligent clean is completed, the 57°C high-temperature sterilization module can dry the evaporator for 35 minutes for more thorough steriliza tion, and deeper cleaning.‘ -

Note: 57°C is the highest temperature under specific working conditions. The actual temperature may fluctuate to a certain extent. Please refer to the actual temperature for details.

Silver ion antibacterial filter

The silver ion antibacterial filter can effectively inhibit the reproduction of Staphylococcus aureus, Escherichia coli, etc., with an antibacterial performance of more than 99%, providing worry-free health guard.

Note: Silver ion antibacterial filter is optional. The above data are from a third-party testing center.

Large air volume drying

By running the indoor unit fan, the afterheat of the coil is blown away, keeping the coil dry and inhibiting the growth of bacteria.

Reverse dust removal

The outdoor fan is reverse for 100s continuously to remove dust from the heat exchanger.

Multiple high quality configurations, stable and reliable

Philips air conditioner has inherited more than 130 years of healthy technology. It upholds the spirit of craftsmanship and constantly seeks breakthroughs in product technology. It strictly selects high quality components and accessories, and always strives for excellence in design. Regardless of severe cold or heat, the unit can continue to operate stably and efficiently, ensuring customers a safe and comfortable experience.

HK1 Series Household Mini VRF

1 Coils of multi-row

with large heat exchange area and short defrosting time, it greatly improves heating performance.

2 DC motor with external drive

The high-efficiency DC motor with external drive has a light shell and is more energy-saving .

3 Five-aspect design air outlet grille

The five-aspect design of guide blade rotation, enhancestrength, focusing ring, guide ring and backflow prevention is adopted to reduce wind resistance and increase blowing distance.

4 Bionic wing fan blade

Fan is characterised by wide blade, low damping and light weight, low power consumption and low noise.

5 Precision main board

With uninterrupted protection, the unit keeps stable and reliable operation

6 Refrigerant-cooled PCB

It improves the heat dissipation effect and prolongs the service life of electronic components.

7 High precision pressure sensor

The unit operates stably with small fluctuation.

8 High efficiency DC inverter compressor

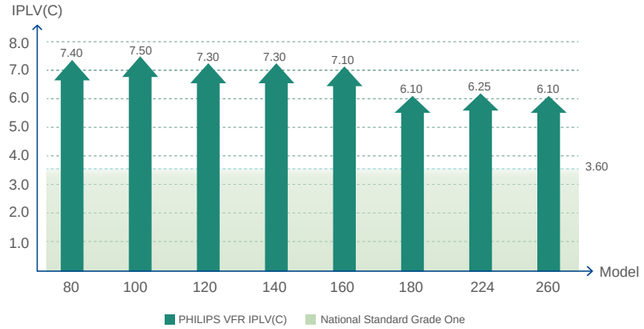
High efficiency DC, energy saving

9 Aviation grade compressor silencer cotton

It tightly wrapped the compressor to effectively insulate noise.

Energy-saving

The Philips VRF far exceeds the national level energy efficiency requirements.



3D soft wind, comfortable surround

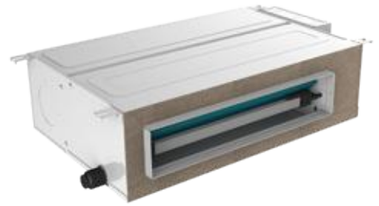
3D air supply grille, a beautiful and practical design, supplies air from left to right, up and down. Whether it is heating in winter or cooling in summer, you are always surrounded by soft wind.

*Note: Optional

All DC inverter technology, a daptive on-demand precise output

High-performance DC inverter compressor, self-adapted inverter technology, low-frequency start, rapid frequency rise, precise temperature control, low noise, branded DC brushless motor, according to different life scenes to set precise on-demand output, more energy-saving.

Ultra-thim duct-type indoor unit to meet different space requirements



- **Slim body, perfect hiding**

  It features smart self-clean, 57°C high temperature sterilization, large air volume drying, outdoor fan reverse dust removal and silver ion antibacterial filter, five-layer air filters.

  The height of the indoor unit is as thin as 200mm, freeing up living space.

- **±0.5°C precise temperature control, constant temperature and constant health**

  It precisely controls the temperature to fluctuate within 0.5℃, avoiding sudden changes in temperature.

- **Rapid cooling and heating, enjoy comfort in seconds**

  It achieve squick-cooling in 1 minute, quick-heating in 2minutes, comfort without waiting.

- **One-button start smart self-clean, five air clean barriers**

360° surround air supply, no dead angle

- **360° surround air supply, no dead angle**

  The guide louvers are widened and enlarged, independently controlled, with a larger and more precise air supply angle, no dead angle for air supply, and more uniform temperature distribution.

- **Exquisite appearance design**

  Square outside and round inside, circular overall air outlet design, left and right gradient rounded imported grille design, exquisite details and durable; Moonlight white frosted design appearance, highlight ing the texture and enhancing the sense of space design.

- **Anti-condensation design**

  The guide louvers adopt a groove design combined with a new ABS material to increase surface tension and completely eliminate condensation and dripping.

- **DC motor**

  7 adjustable fan speeds, energy-saving and efficient.