



QUALITY ATTRACTS QUALITY

New



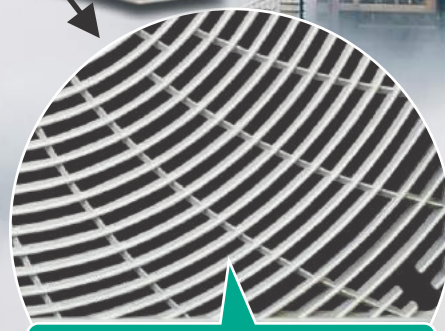
2021 / 2022

Advanced Technology
Highly Energy Efficient
Quiet Operation

Unbeatable Performance...
Super Quiet Design

New Aerodynamic Grille

The new aerodynamic grille adjusts the airflow angle and sends air further. The new round grid design produces low noise and high air flow rate.



Aerodynamic Grille



New Aerodynamic Grille

The new aerodynamic grille has a distinctive wave shape (developed using hydrodynamic analysis) to deliver a smooth, turbulence free air flow. The result is more air with less noise and low power consumption.



Sound Pressure Down

The Sophisticated Air Path Design - Key to Compact Size.
These three improvements minimise the air resistance.

1. Improved front grille design
2. Improved front grille opening shape
3. New Asymmetric air flow fan
The newly designed maximises air flow and minimises noise
4. Improvement of air flow volume by **23%**.

S-Round flow

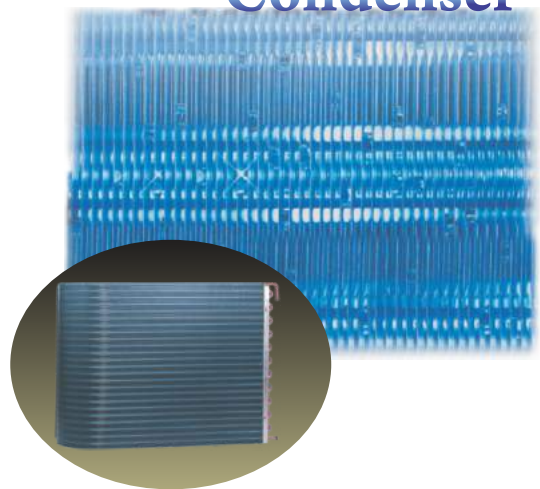


Copper Condenser with Anti-Corrosive Fin

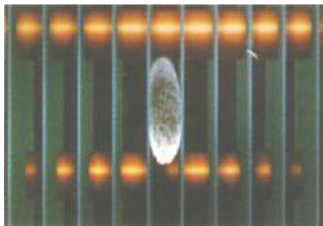
Lasts 3 times longer

An air conditioner's performance depends largely on its condenser, which can take a beating from exposure to salty air, wind, dust and other corrosive factors. SPEED has found a way to triple the life of condensers using a layer of our original anti-rust coating. This special coating lets you enjoy more years of reliable comfort along with extra economy in the long run. The outdoor unit's heat exchanger fins are processed using a special anti-corrosion treatment. The surface is covered with a thin acrylic resin layer to enhance the fin's resistance to acid rain and salt corrosion. A hydrophilic film layer also prevents rust caused due to water droplets. Another advantage of copper condenser is that heat transfer through it is better.

Blue Fin Condenser

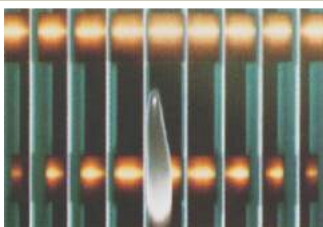


Non-blue fin

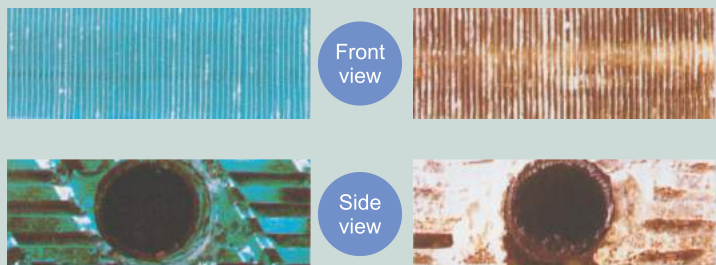


Hydrophilic blue fin

A hydrophilic film layer also prevents rust caused by the run off of water droplets.



Cyclic Corrosion Test Result

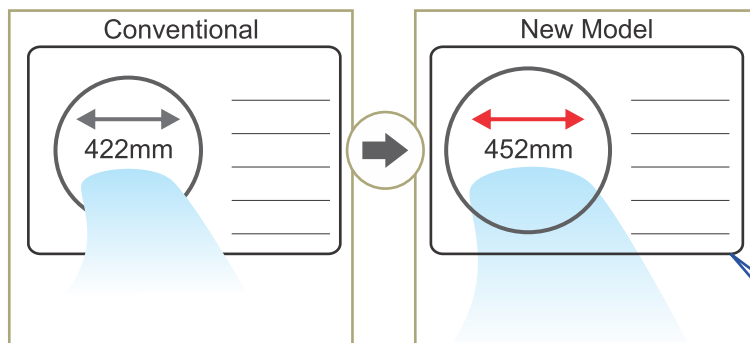


Test proven-durability that lasts 3 times longer

SPEED's condenser has 3 times higher resistance against corrosion. This special coating assures condenser lives for more years for reliable comfort.

Powerful Airflow With New Asymmetric Fan

SPEED's new models feature asymmetric fan with improved design. The fan's larger diameter dramatically increases airflow. The newly developed fan and original bellmouth construction enables operation with high static pressure and low consumption. The three dimensional blade shape stabilises the air flow.



Thanks to the large and improved fan circuitry, airflow is larger than before.

Noise-Suppressing Asymmetric Fan



Quiet, Efficient Design

A host of silencing technologies achieve super-quiet operation. We've also improved operating efficiency and reduced energy consumption.

Airflow **10%*** up compared to old model

Best-in-Class Design Versatility

ODU Fan Motor

ODU Fan Motor is more efficient than the conventional motor. The powerful motor allows smooth starting at extremely low voltage conditions and it can be operative under much voltage fluctuation.

- **More Powerful Motor with Long Life.**
- **Outstanding Energy Saving.**
- **Reduce Noise Level.**
- **Reduce Connected Load.**
- **Stainless Steel Shaft.**



Connector : Secure Connection for Ultimate Protection

More reliable and secured connector is introduced in the new outdoor unit. The special material used is 30% glass field with FR grade. While assembling the cable with the connector no single wire is cut as we are clamping the wire below the square washer and not tightening the wire with the screw.

- **Compact**
- **Rugged**
- **Light Weight**

Best-in-Class Design Versatility





Exclusive Features

Sheet Metal Parts

The body is galvanised which gives a reliable protection against rust on sheet metal parts with fully processed powder coating. The result is strength and durability. All steel fabricated panels have been developed with the latest technology and specific requirements. A superb body with innovative design is developed specifically to reduce power management system including dynamic performance.



Newly designed Front Panel helps to increase airflow, decrease noise level & energy consumption.

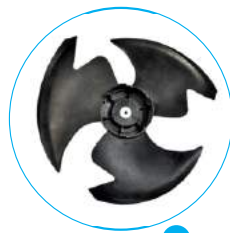


Additional durability is provided by a rust proof steel on the bottom of the unit.



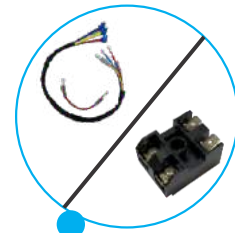
NEXT GENERATION

OUTDOOR UNIT KIT



New Asymmetric Fan Design

1. Increases Aero Flow
2. Low Sound Levels

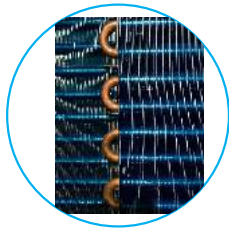


Safety First

1. Outdoor unit includes wire harness with thimble
2. Includes fire retardant connector

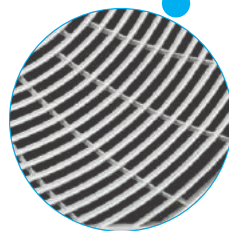


Small Handle Design for Easy Carrying



Blue Fin Heat Exchanger

1. Contributes to top seasonal efficiency
2. Lasts 3 times longer



Specially Designed Grille

1. Smooth, Turbulence free air flow
2. No risk of accidental reach of fan
3. Developed using hydrodynamic analysis to maximise aero flow
4. Low pressure drop



Aesthetic Design

SPEED Airconditioners believe that development, as well as design, are key components to make a high-quality product. We work hard to develop extraordinary and solid products that will last for years. Our efforts for R&D ensure we produce unique products with remarkable performance and durability. Each product individually goes through various rigorous tests using the best testing equipment. This ensures that only the most efficient and effective products are approved according to the market standards. By providing high-quality products, materials and services, we aim to improve comfort and convenience for our customers, along with the level of customer satisfaction.

BASIC PERFORMANCE

48.0°C

HOT**OK**

The Basic Performance Test ensures that the Outdoor Unit performs efficiently and effectively in high temperatures.

RAIN RESISTANCE**OK**

The Rain Resistance Test ensures that the Outdoor Unit functions normally in humid weather and even during heavy rainfall.

DURABILITY TEST**OK**

The durability test ensures that the Outdoor Unit operates normally even if it faces turbulence during transportation.

VIBRATION TEST**OK**

The body Vibration test ensures that the Outdoor Unit is intact and operations normally even during long shipping distances.

SAFETY TEST**OK**

The Safety Test ensures that the connector isn't fire hazardous as a safety test is conducted for each fire retardant connector and wire harness with thimble to eliminate chances of doubts.

NOISE PERFORMANCE**OK**

The Noise Performance Test ensures that the Outdoor Unit performs efficiently without making any disturbance noise.

SPEED AIRCONDITIONERS

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