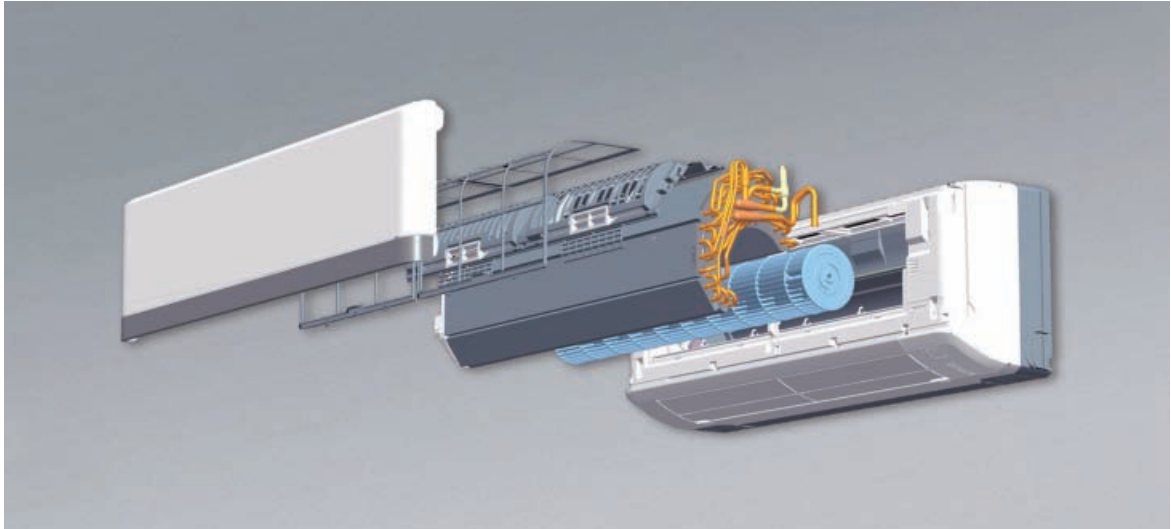


Anti-microbial specifications and design will deliver cleanliness and safety

Anti-microbial blower fan

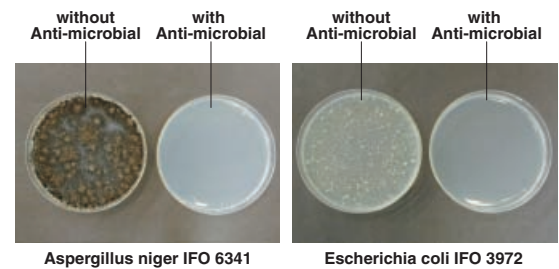


The blower fan has undergone anti-microbial treatment to resist mold and germs, making the system clean and safe. Foul odors and molds, etc. which can occur when an air conditioning system is not in operation are prevented.



Comparison of growth of bacteria and mold on fan surfaces (microscopic image)

- Intestinal bacteria (Escherichia coli IFO 3972)
- Staphylococcus aureus subsp. aureus IFO 12732
Testing Authority: Japan Food Analysis Center
Test Results Issued: 2004-4-7.
Test Report No.: 104034022-001
Tests were conducted with reference to the antimicrobial strength tests in JIS Z 2801 2000 "Antimicrobial Products-Antimicrobial Test Method" -5.2 Antimicrobial Effects: Test Methods for Plastic Products, etc.
- Aspergillus niger IFO 6341
Testing Authority: Japan Food Analysis Center
Test Results Issued: 2004-4-23.
Test Report No.: 104034022-002
Tests were conducted with reference to the antimicrobial strength tests in JIS Z 2801 2000 "Antimicrobial Products-Antimicrobial Test Method" -5.2 Antimicrobial Effects: Test Methods for Plastic Products, etc.



Aspergillus niger IFO 6341 Escherichia coli IFO 3972

In tests conducted at the Mitsubishi Heavy Industries Nagoya Research Lab, 24 hrs after contact with bacteria, cultured on agar media.

Live Bacteria Count on Measured Test Pieces

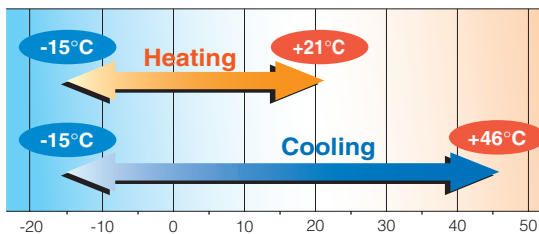
Tested Contaminant	Measurement	Test Pieces	Bacteria Count Per Test Piece		
			Measurement 1	Measurement 2	Measurement 3
Escherichia coli IFO 3972 coli	Immediately after contact	Not treated	1.9×10^5	1.6×10^5	1.3×10^5
	After 24 hrs at 35°C	Test piece 1 Not treated	<10 3.8×10^6	<10 4.9×10^6	<10 7.2×10^6
Staphylococcus aureus	Immediately after contact	Not treated	1.4×10^5	1.6×10^5	1.3×10^5
	After 24 hrs at 35°C	Test piece 1 Not treated	<10 8.6×10^5	<10 4.5×10^5	<10 3.6×10^5
Aspergillus niger	Immediately after contact	Not treated	1.5×10^4	2.2×10^4	1.6×10^4
	After 24 hrs at 35°C	Test piece 1 Not treated	<10 1.0×10^4	<10 1.2×10^4	<10 2.5×10^4

Test Pieces 1) Products with Antimicrobial and Antifungal Treatment

Wide Operation Range

Heating and cooling operations are possible at an outdoor temperature as low as -15°C .

Our new advanced technology has expanded the heating and cooling operation range. This permits installation of the units considering a heating and cooling operation under a low temperature condition down to -15°C .



*For the capacities under low temperature conditions, refer to technical manual.

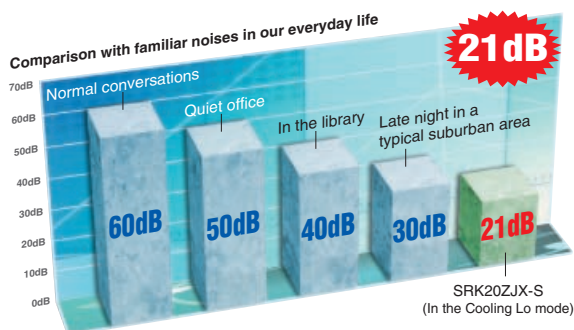
● **Applied models**
All inverter models (except SRK-ZJP +21°C ~ +46°C in Cooling)

Hi quality air long reach & silent flow

Quiet Operation

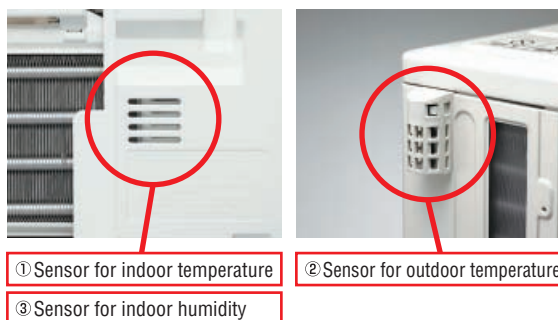
This is the secret of quiet operation.

In addition to a jet airflow system delivering uniform winds to every corner, it has an optimized serration stabilizer configuration, which ensures smooth wind flow. It makes it possible to lower operation noises further by minimizing the interaction between wind flows and the fan.



Three Sensors

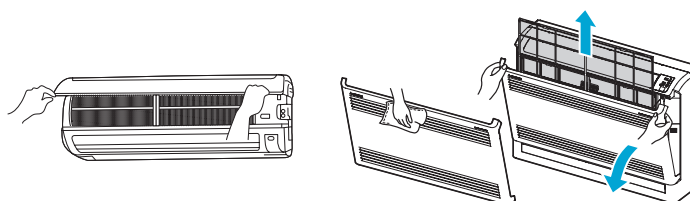
Control of room temperature and humidity is very important for people to live a comfortable life. Use of three sensors to control indoor temperature, indoor humidity and outdoor temperature enable unit to obtain optimum air-conditioning.



● **Applied models**
① ② All SRK, SRF, SRR, FDTC
③ SRK50/60ZJX, SRK-ZE, SRK35ZJR, SRK35/50ZJ, SRK35/50ZJP, SRF-ZJX

Washable filter and easy cleaning of air inlet panel

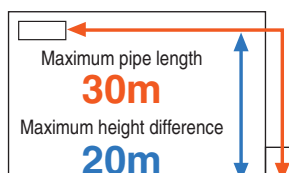
Removing air filter is quite easy. Keeping air filter clean is effective way to save energy and to keep the original powerful performance. Air inlet panel is also removable and can be cleaned easily.



● **Applied models**
All SRK, SRF

Long piping length

Piping length has been extended and design flexibility has been improved.



● **Applied models**
SRK50/60ZJX, SRF50ZJX, FDTC40/50/60VD, SRK-ZE