

Residential

Improved design



The 2.5 and 3.5 kW class models' stylish flat panel creates a graceful harmony that enhances any interior space. The simplicity and sophistication of this design was rewarded with Japan's prestigious Good Design Award.

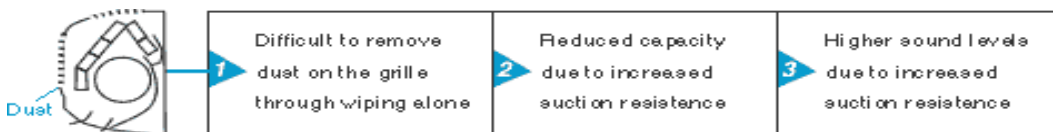


Easy-to-clean flat surface

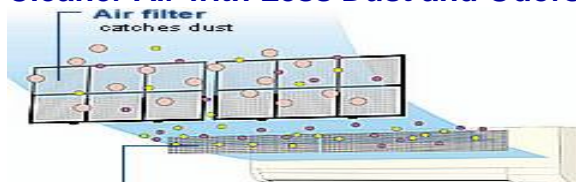


Daikin has removed the grooves from the front panel so it can be wiped instantly with only the single pass of a cloth across the smooth flat surface. If more thorough cleaning is required, the panel can also be easily removed from the unit.

Conventional front grille design



Cleaner Air with Less Dust and Odors



Air filter-Purifying Filter with Photocatalytic Deodorizing Function
Traps microscopic particles, decomposes odours and even removes bacteria and viruses.

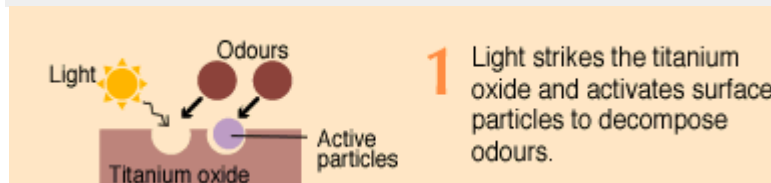
The Air-purifying filter with photocatalytic deodorising function is able to trap microscopic particles, decompose odours and even remove bacteria and viruses. This filter features a large active surface area that effectively cleans the high volumes of air required to air-condition living rooms.

The filter delivers consistent performance for approximately 3 years if periodic maintenance is performed.

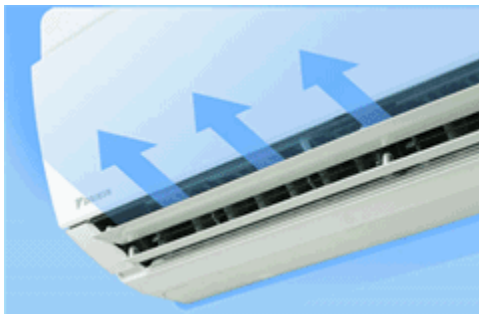
The filter is available to all wall-mounted type indoor units.

Photocatalytic deodorizing mechanism

Photocatalytic deodorising filters are made of titanium oxide. When titanium oxide is exposed to light, a powerful oxidising action occurs. This decomposes substances adsorbed on the filter surface into odourless carbon dioxide and water.

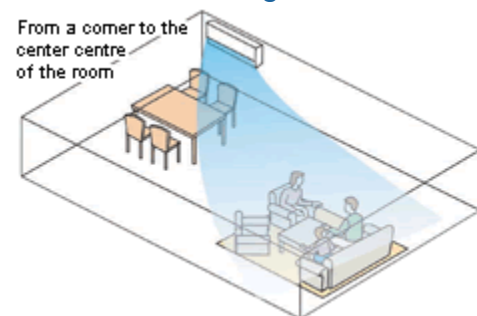


Power-airflow flaps



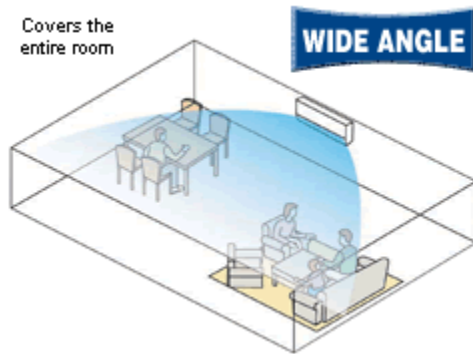
The Power-airflow dual flaps regulate the outlet aperture to the optimum shape, flattening out during operation so that cool air reaches the farthest corners of the room.

Vertical auto-swing



Vertical auto-swing automatically moves the flaps up and down to provide an even distribution of air throughout a room. When the air conditioner is turned off, the flaps shut automatically so that dust can not enter.

Wide-angle louvers



The smoothly curved wide-angle louvers provide wide airflow coverage for effective cooling operation no matter where the indoor unit is placed in a room. The louvers can be adjusted by hand.

New powerful operation



Power-operation boosts airflow to maximum for 20 minutes. After that, the unit automatically returns to its previous settings. As this function can be easily activated on the remote controller by pushing the powerful button, powerful operation is always right at your fingertips.

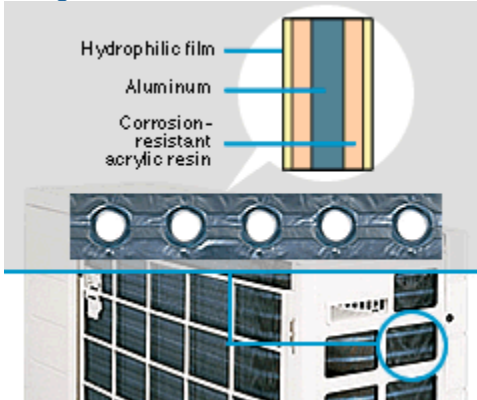
Indoor unit on/off switch



Indoor unit on/off switch

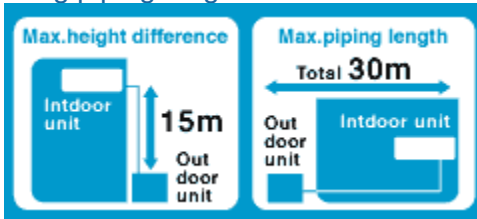
The on/off switch on the indoor unit body allows the unit to be conveniently restarted if the wireless remote controller is misplaced or its batteries are not charged.






































































Tougher outdoor unit for more reliable operation



Special anti-corrosion treatment of the outdoor unit's heat exchanger fin offers 5 to 6 times greater resistance against acid rain and salt corrosion. A rustproof steel sheet on the bottom of the unit provides additional resistance.

Long piping length for more flexible unit placement



Models		FT25/35D FT25/35BA FT25/35C FT50/60B FT50/60C	FTY25/35C	FTY50/60GA
Comfortable Airflow	 Power-airflow dual flaps			
	 Power airflow flap			
	 Wide-angle louvers			
	 Vertical auto-swing			
Comfort Control	 Automatic operation (Heat pump type only)			
	 Programmeme dry function			
	 Auto fan speed			
	 Hot-start function			
Fresh Convenience	 New powerful operation			
	 Indoor unit on/off switch			
Healthy and Clean	 Air-purifying filter			
	 Air-purifying filter with photocatalytic deodorising function			
	 Mould-proof air filter			
	 Wipe-clean flat panel			
	 Filter cleaning indicator			
Timers	 24-hour on/off timer			
	 Night set mode			
Worry Free	 Auto-restart after power failure			
	 Self-diagnosis with digital display			
	 Anticorrosion treatment of outdoor heat exchanger fin			

Comfortable Airflow



Dual power-airflow flaps



Power-Airflow Flaps



Wide-angle louvers



Vertical auto-swing
(up and down)

Lifestyle Convenience



New powerful operation



Indoor unit on/off switch

Healthy and Clean



Air-purifying filter



Air-purifying filter
with Photocatalytic
Deodorising Function



Mould-proof air filter



Wipe-clean flat panel



Washable grille



Filter cleaning indicator

Comfort Control



Automatic operation



Programmable dry function



Auto fan speed



Hot-start function

Worry Free



Auto-restart after power failure



Self-diagnosis with digital display



Anticorrosion treatment of outdoor heat exchanger fin

Timers



24-hour on/off timer



Night set mode

Others

Quick warming function

Automatic defrosting

Hot-start function

Commercial

Compact and Quiet



Wide inlet fan



Wide inlet fan
(Applies to R(Y)71LU-140LU)

Fully-shaped aerodynamic propellers are designed to push air with a large wing surface, providing both high volume and quiet operation with minimal turbulence.

Super aero grille



To suppress turbulence and achieve quiet operation, the curved ribs of the grille are optimized to meet the outflow of air.

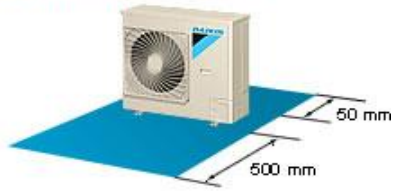
Scroll compressor for quieter operation



The scroll compressor means smooth running, minimal vibration, and low operation noise.

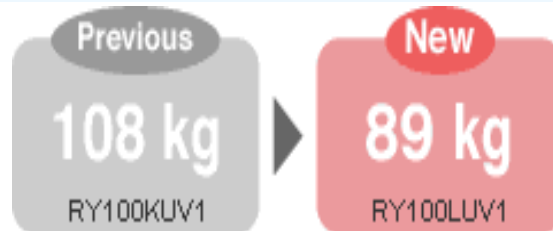
Slim and low-profile design outdoor units

The curved super-aero grille restricts the spread of exhaust gas and fits in the same space as previous outdoor units.



These compactly designed outdoor units have an interior layout optimized for the smooth flow of air.

Reduced weight



The lightweight design makes delivery and installation easier than ever before.

Fuzzy logic controller provides energy efficiency and comfort

As operating conditions change, fuzzy logic precisely controls actuation of the electronic expansion valve.

Suited for year-round cooling applications

Cooling is efficient even in winter when indoor temperatures are higher than those outside, such as in underground public spaces or offices with many computers

Installation and maintenance Smoother and easier

Allowable refrigerant pipe length and height difference

	Pre-charged *1	Max. length	Max. height difference
R25J	10m	25m	15m
RY35F	10m	20m	15m
R35J	10m	25m	15m
RY50GA R50G	10m	30m	15m
RY60GA R60G	5m	30m	15m
RY71LU R71LU	30m	50 m (Equivalent length 70 m)	30m
RY100LU R100LU	30m	50 m (Equivalent length 70 m)	30m
RY125LU R125LU	30m	50 m (Equivalent length 70 m)	30m
RY140LU R140LU	30m	50 m (Equivalent length 70 m)	30m
RG71A RA140A RG180A	5m	50 m (Equivalent length 70 m)	30m
R100FU R125FU	5m	50 m (Equivalent length 70 m)	30m

Note: 1 Additional refrigerant charging is required if the refrigerant pipe is longer than the indicated length.

Pre-charged for up to 30 meters

If refrigerant piping length does not exceed 30 m, there is no need for on-site gas charging.

4-direction piping offers greater layout freedom

Piping can be run from the front, bottom, right or rear surface according to how the unit is installed.

Facilitates pump down

A pump-down switch is provided to make it easier to collect refrigerant if the unit is to be moved or the layout modified. This lessens the environmental impact by preventing the release of refrigerant into the atmosphere.

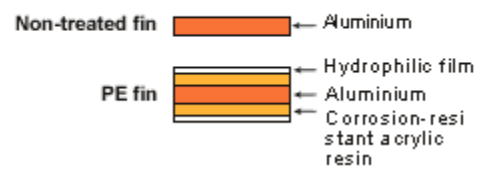
Low gas level detection function

Effective gas monitoring reduces the labour required for operation, maintenance, and repairs.

Anti-corrosion treated heat exchange fins

Resistant to corrosion

Construction



Ceiling-Mounted Cassette Type

This type offers quiet operation, a decor-blending form and easy installation in both new and old buildings.



Ceiling-Suspended Type

This type delivers an even quieter, more compact system.



Ceiling-Suspended Cassette Type

This type offers both flexibility and simplicity in installation.



Ceiling-Mounted Cassette Corner Type

This type of unit fits into ceiling corners and comes equipped with versatile air blow control.



Ceiling-Mounted Built-in Type

Separable air discharge unit to fit various spaces of different installation shapes.



Duct-Connection, Medium-Static Pressure Type

These units can be mounted in the ceiling to freely deliver air through the air duct.



Duct-Connection, Low-Static Pressure Type



FDYB50KA



Duct-Connection, High-Static Pressure Type



FD(Y)

