

Ceiling Cassette & Suspended Type

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.

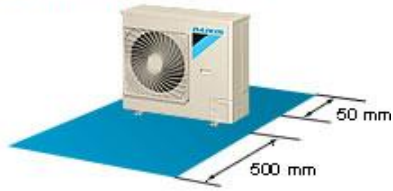
Scroll compressor for quieter operation



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.

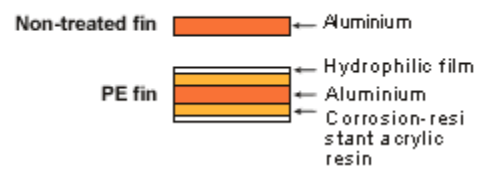
Low gas level detection function

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.



