
SPLIT SYSTEM**Air Conditioner**

MODELS

(Ceiling suspended Cassette type)

FUQ71BUV1B**FUQ100BUV1B****FUQ125BUV1B****FXUQ71MV1****FXUQ100MV1****FXUQ125MV1****FUQ71BVV1B****FUQ100BVV1B****FUQ125BVV1B****FXUQ71MAV1****FXUQ100MAV1****FXUQ125MAV1****FUQ71BWV1B****FUQ100BWV1B****FUQ125BWV1B**

English

Deutsch

Français

Español

Italiano

Ελληνικά

Nederlands

Portugues

Русский

Thank you for purchasing this Daikin air conditioner. Carefully read this operation manual before using the air conditioner. It will tell you how to use the unit properly and help you if any trouble occurs. After reading the manual, file it away for future reference.
Operation: see the remote control instruction manual for details on the names and functions of switches and displays on the remote control.

Vielen Dank für den Kauf einer Klimaanlage von Daikin. Bitte lesen Sie diese Bedienungsanleitung vor der Inbetriebnahme des Gerätes gründlich durch. Hier wird erklärt, wie das Gerät richtig eingesetzt wird und was bei Störungen zu tun ist. In dieser Anleitung wird nur das Innenaggregat beschrieben. Verwenden Sie diese Anleitung zusammen mit der Bedienungsanleitung des Außenaggregats. Nach dem Lesen der Anleitung legen Sie diese griffbereit zum Nachschlagen auf.
Bedienung: In der Bedienungsanleitung für die Fernbedienung finden Sie Details zu den Bezeichnungen und Funktionen der Schalter und Anzeigen auf der Fernbedienung.

Nous vous remercions pour votre acquisition de ce climatiseur Daikin.
Lisez attentivement ce manuel avant d'utiliser le climatiseur. Il vous expliquera comment vous servir correctement de l'appareil et vous guidera en cas de problème. Lorsque vous aurez lu le manuel, rangez-le afin de pouvoir vous y référer ultérieurement.
Fonctionnement : consultez le mode d'emploi de la télécommande pour les détails concernant le nom et la fonction des touches et affichages de la télécommande.

Le agradecemos la compra de este acondicionador de aire Daikin. Lea cuidadosamente el manual de funcionamiento antes de utilizar el acondicionador de aire. Dicho manual le indicará cómo utilizar adecuadamente la máquina y le ayudará en caso de avería. Después de leer el manual, consérvelo para consultas futuras.
Funcionamiento: consulte el manual de instrucciones del control remoto para obtener detalles sobre los nombres y funciones de los interruptores y pantallas en el control remoto.

La ringraziamo di aver acquistato questo condizionatore d'aria Daikin. Leggere attentamente questo manuale prima di avviare il condizionatore. Ciò permetterà di usare correttamente l'unità e di ottenere un aiuto in caso di anomalia di funzionamento. Dopo aver letto il manuale, conservarlo in un luogo accessibile per una futura necessità.
Funzionamento: leggere il manuale d'istruzioni del telecomando per informazioni dettagliate sui nomi e le funzioni di interruttori e visualizzazioni sul telecomando.

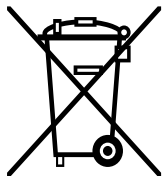
Σας ευχαριστούμε που αγοράσατε τη συσκευή κλιματισμού. Διαβάστε προσεκτικά αυτές τις οδηγίες χρήσης πριν να χρησιμοποιήσετε τη συσκευή κλιματισμού.
Θα σας πουν πως θα χρησιμοποιήσετε σωστά τη μονάδα και θα σας βοηθήσουν αν εμφανιστούν προβλήματα. Αφού διαβάσετε τις οδηγίες, βάλτε τις στο αρχείο σας για μελλοντική αναφορά.
Λειτουργία : δείτε το εγχειρίδιο οδηγιών της συσκευής τηλεχειρισμού για λεπτομέρειες σχετικά με τα ονόματα και τις λειτουργίες των διακοπών και των ενδείξεων στη συσκευή τηλεχειρισμού.

Wij danken u voor de aankoop van deze Daikin airconditioner. Lees deze bedrijfshandleiding aandachtig door voordat u de airconditioner gebruikt. Het omvat uitleg over het correcte gebruik van de unit en biedt hulp in geval een storing mocht optreden. Gebruik deze handleiding voor verdere raadpleging.
Bediening: in de handleiding bij de afstandsbediening vindt u meer informatie over de namen en functies van schakelaars en displays op de afstandsbediening.

Obrigado pela sua compra deste aparelho de ar condicionado Daikin.
Leia com atenção este manual de operação antes de proceder à utilização do aparelho de ar condicionado. Este indicará-lhe-á como deverá utilizar a unidade correctamente e ajudá-lo-á no caso de surgir qualquer problema. Depois de ler o manual, guarde-o num local seguro a fim de o poder consultar caso venha a ser preciso.
Funcionamento: consulte o manual de instruções do controlador remoto para obter informações sobre os nomes e as funções dos comandos e visores no controlador remoto.

Спасибо за покупку данного кондиционера фирмы Daikin. До начала работы с кондиционером внимательно изучите данное руководство по эксплуатации. В нем излагаются правила надлежащего пользования устройством и приводятся рекомендации пользователю по поиску и устранению неисправностей. После изучения руководства сохраните его для обращений в будущем.
Эксплуатация: подробные данные о наименованиях и функциях выключателей и индикации на дистанционном регуляторе см. в инструкции по эксплуатации регулятора.

■ DISPOSAL REQUIREMENTS ■ VORSCHRIFTEN ZUR ENTSORGUNG ■ INSTRUCTIONS D'ÉLIMINATION
■ REQUISITOS PARA LA ELIMINACIÓN ■ SPECIFICHE DI SMALTIMENTO ■ ΠΡΟΫΠΟΘΕΣΕΙΣ ΑΠΟΡΡΙΨΗΣ
■ VEREISTEN VOOR HET OPRUIJEN ■ REQUISITOS PARA A ELIMINAÇÃO



(GB) Disposal requirements

Your air conditioning product is marked with this symbol. This means that electrical and electronic products shall not be mixed with unsorted household waste.

Do not try to dismantle the system yourself: the dismantling of the air conditioning system, treatment of the refrigerant, of oil and of other parts must be done by a qualified installer in accordance with relevant local and national legislation.

Air conditioners must be treated at a specialized treatment facility for re-use, recycling and recovery. By ensuring this product is disposed of correctly, you will help to prevent potential negative consequences for the environment and human health. Please contact the installer or local authority for more information.

Batteries must be removed from the remote controller and disposed of separately in accordance with relevant local and national legislation.

(D) Vorschriften zur Entsorgung

Ihre Klimaanlage ist mit diesem Symbol gekennzeichnet. Das bedeutet, dass elektrische und elektronische Produkte nicht mit unsortiertem Haushaltsabfall entsorgt werden dürfen.

Versuchen Sie auf keinen Fall das System selbst zu demontieren. Die Demontage des Klimaanlage-Systems sowie die Handhabung von Kältemitteln, Öl und möglichen weiteren Teilen muss von einem qualifizierten Monteur gemäß den entsprechenden örtlichen und staatlichen Bestimmungen vorgenommen werden.

Klimaanlagen müssen bei einer fachkundigen Einrichtung für Wiederverwendung, Recycling und Wiedergewinnung aufbereitet werden. Indem Sie dieses Produkt korrekt entsorgen, helfen Sie potenzielle negative Folgen für die Umwelt und die Gesundheit der Menschen zu vermeiden. Nehmen Sie bitte hinsichtlich weiterer Informationen Kontakt auf mit dem Monteur oder den örtlichen Behörden.

Die Batterien müssen aus der Fernbedienung entfernt werden und gemäß den entsprechenden örtlichen und staatlichen Vorschriften separat entsorgt werden.

(F) Instructions d'élimination

Cet appareil de conditionnement d'air porte le symbole ci-joint. Ce symbole signifie que les appareils électriques et électroniques doivent être éliminés séparément des ordures ménagères non triées.

N'essayez pas de démonter vous-même l'appareil : le démontage de l'appareil de conditionnement d'air ainsi que le traitement du réfrigérant, de l'huile et d'autres composants doivent être effectués par un installateur qualifié, en accord avec les réglementations locales et nationales en vigueur.

Les appareils de conditionnement d'air doivent être traités dans des installations spécialisées de dépannage, réutilisation ou recyclage. En vous assurant que cet appareil est éliminé correctement, vous contribuez à éviter les conséquences potentiellement néfastes sur l'environnement et la santé. Veuillez contacter votre installateur ou les autorités locales pour plus d'information.

Les piles de la télécommande doivent être enlevées et éliminées séparément, conformément aux réglementations locales et nationales en vigueur.

(E) Requisitos para la eliminación

Su acondicionador de aire está marcado con este símbolo. Esto significa que los productos eléctricos y electrónicos no deben mezclarse con el resto de residuos domésticos no clasificados.

No intente desmontar el sistema usted mismo: El desmantelamiento del acondicionador de aire, así como el tratamiento del refrigerante, aceite y otros componentes, debe ser efectuado por un instalador competente de acuerdo con las normas locales y nacionales aplicables.

Los acondicionadores de aire deben ser tratados en instalaciones especializadas para su reutilización, reciclaje y recuperación. Al asegurarse de desechar este producto de la forma correcta, está contribuyendo a evitar posibles consecuencias negativas para el entorno y para la salud de las personas. Contacte, por favor, con el instalador o con las autoridades locales para obtener más información.

Las pilas del control remoto deben extraerse y eliminarse por separado y de acuerdo con la normativa local y nacional aplicable.

(I) Specifiche di smaltimento

Il climatizzatore è contrassegnato con questo simbolo, ciò significa che i prodotti elettrici ed elettronici non possono essere smaltiti insieme ai rifiuti domestici non differenziati.

Non cercare di rimuovere il sistema da soli: la rimozione del sistema di condizionamento, nonché il recupero del refrigerante, dell'olio e di qualsiasi altra parte devono essere eseguiti da un installatore qualificato in conformità alla legislazione locale e nazionale vigente in materia.

I climatizzatori devono essere trattati presso una struttura specializzata nel riutilizzo, riciclaggio e recupero dei materiali. Il corretto smaltimento del prodotto eviterà le possibili conseguenze negative all'ambiente e alla salute dell'uomo. Per maggiori informazioni contattare l'installatore o le autorità locali.

Le batterie devono essere tolte dal telecomando e smaltite separatamente conformemente alla legislazione locale e nazionale vigente in materia.

(GR) Προϋποθέσεις απόρριψης

Το κλιματιστικό σας επισημαίνεται με αυτό το σύμβολο. Αυτό σημαίνει ότι οι ηλεκτρικές και ηλεκτρονικές συσκευές πρέπει να απορρίπτονται χωριστά από τα οικιακά απορρίμματα.

Μην προσπαθήσετε να αποσυναρμολογήσετε μόνοι σας το σύστημα: Η αποσυναρμολόγηση της μονάδας κλιματισμού, ο χειρισμός του ψυκτικού μέσου, του λαδιού και των άλλων μερών θα πρέπει να γίνεται από κάποιο ειδικευμένο τεχνικό, σύμφωνα με τη σχετική τοπική και εθνική νομοθεσία.

Για την εκ νέου χρήση, την ανακύκλωση και την επισκευή, οι μονάδες κλιματισμού θα πρέπει να υφίστανται επεξεργασία σε ειδικές εγκαταστάσεις. Επιβεβαιώνοντας ότι αυτό το προϊόν απορρίπτεται σωστά, θα αποφύγετε ενδεχόμενες αρνητικές συνέπειες για το περιβάλλον και την υγεία.

Παρακαλώ επικοινωνήστε με τον τεχνικό εγκατάστασης ή τις τοπικές αρχές για περισσότερες πληροφορίες.

Οι μπαταρίες θα πρέπει να αφαιρούνται από το τηλεχειριστήριο και να απορρίπτονται ξεχωριστά, σύμφωνα με τη σχετική τοπική και εθνική νομοθεσία.

(NL) Vereisten voor het opruijen

Uw airconditioningproduct draagt dit symbool. Dit betekent dat u geen elektrische en elektronische producten mag mengen met niet-gesorteerde huishoudelijk afval.

Probeer niet zelf het systeem te ontmantelen: het ontmantelen van het airconditioningsysteem, behandelen van het koelmiddel, olie en andere onderdelen moet worden uitgevoerd door een bevoegd installateur in overeenstemming met de relevante lokale en nationale reglementeringen.

Airconditioners moeten bij een gespecialiseerd behandelingsbedrijf worden behandeld voor hergebruik, recyclage en terugwinning. Door ervoor te zorgen dat dit product op de correcte manier wordt opgeruimd, helpt u potentiële negatieve gevolgen voor het milieu en de gezondheid te voorkomen.

Voor meer informatie, gelieve contact op te nemen met de installateur of de lokale overheid.

De batterijen moeten uit de afstandsbediening worden verwijderd en afzonderlijk opgeruimd in overeenstemming met de relevante lokale en nationale reglementeringen.

(P) Requisitos para a eliminação

O equipamento de ar condicionado que possui este símbolo está marcado com este símbolo. Significa que os produtos eléctricos e electrónicos não devem ser misturados com o lixo doméstico indiferenciado.

Não tente desmontar pessoalmente o sistema: o desmantelamento do sistema de ar condicionado e o tratamento do líquido de refrigeração, do óleo e de outros componentes têm de ser feitos por um instalador qualificado, cumprindo a legislação nacional relevante e regulamentos locais aplicáveis.

Os equipamentos de ar condicionado têm de ser processados numa estação de tratamento especializada, para reutilização, reciclagem ou recuperação. Ao certificar-se de que este produto é eliminado correctamente, está a contribuir para evitar as potenciais consequências negativas para o ambiente e para a saúde humana. Contacte o seu instalador ou as autoridades locais, para obter mais informações.

As pilhas do controlo remoto têm de ser retiradas e eliminadas separadamente, cumprindo a legislação nacional e os regulamentos locais aplicáveis.

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The English text is the original instruction. Other languages are translations of the original instructions.

Important information regarding the refrigerant used

This product contains fluorinated greenhouse gases covered by the Kyoto Protocol.

Refrigerant type : R410A

GWP⁽¹⁾ value : 1975

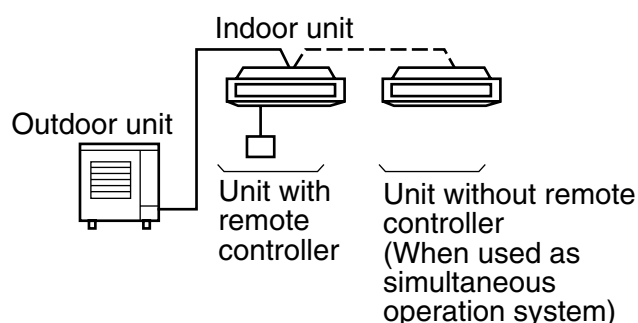
⁽¹⁾GWP = global warming potential

Periodical inspections for refrigerant leaks may be required depending on European or local legislation. Please contact your local dealer for more information.

1. WHAT TO DO BEFORE OPERATION

1-1. FUQ

The following systems are available, so check which system is in place with your dealer before use.



NOTE

- Read the operation manual attached to the remote controller.

If your installation has a customized control system, ask your Daikin dealer for the operation that corresponds to your system.

- Heat pump type
This system provides cooling, heating, automatic, program dry, and fan operation modes.

- Cooling only type
This system provides cooling, program dry, and fan operation modes.

PRECAUTIONS FOR GROUP CONTROL SYSTEM OR TWO REMOTE CONTROLLERS CONTROL SYSTEM

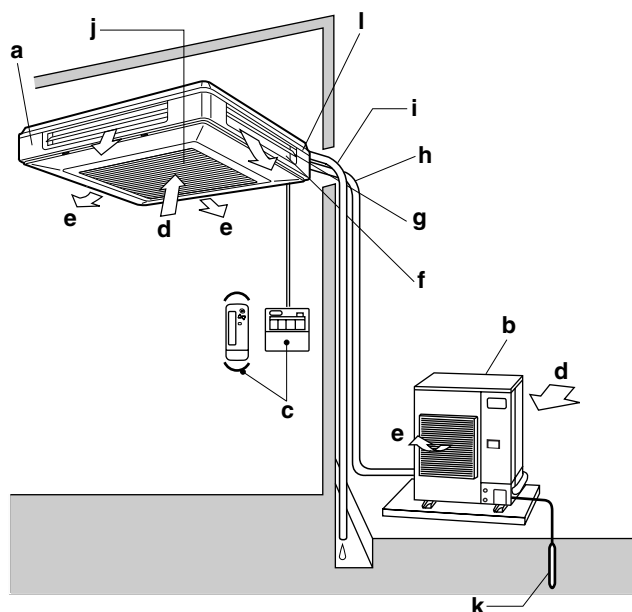
This system provides two other control systems beside individual control (one remote controller controls one indoor unit) system. Confirm the following if your unit is of the following control system type.

- **Group control system**
One remote controller controls up to 16 indoor units. All indoor units are equally set.
- **Two remote controllers control system**
Two remote controllers control one indoor unit (In case of group control system, one group of indoor units)
The unit is individually operated.

NOTE

- Contact your Daikin dealer in case of changing the combination or setting of group control and two remote controllers control systems.

Names and functions of parts

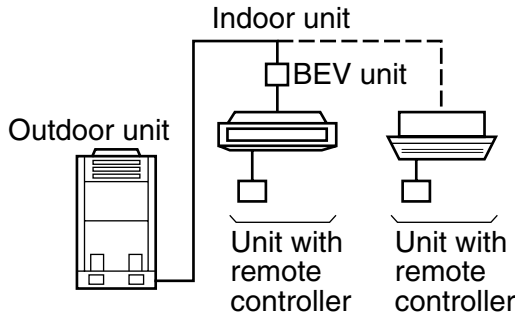


a	Indoor unit
b	Outdoor unit
c	Remote controller
d	Inlet air
e	Discharged air
f	Air outlet
g	Air flow flap (at air outlet)
h	Refrigerant piping, connection electric wire
i	Drain pipe
j	Air inlet The built-in air filter removes dust and dirt.

k	Ground wire Wire to ground from the outdoor unit to prevent electrical shocks.
l	Drain pumping out device (built-in) Drains water removed from the room during cooling.

1-2. FXUQ

The following systems are available, so check which system is in place with your dealer before use.



NOTE

- Read the operation manual attached to the outdoor unit.

If your installation has a customized control system, ask your Daikin dealer for the operation that corresponds to your system.

- Heat pump type, Heat recovery type
This system provides cooling, heating, automatic (*), program dry, and fan operation modes.
(*): Only when the BS unit is connected.
- Cooling only type
This system provides cooling, program dry, and fan operation modes.

PRECAUTIONS FOR GROUP CONTROL SYSTEM OR TWO REMOTE CONTROLLERS CONTROL SYSTEM

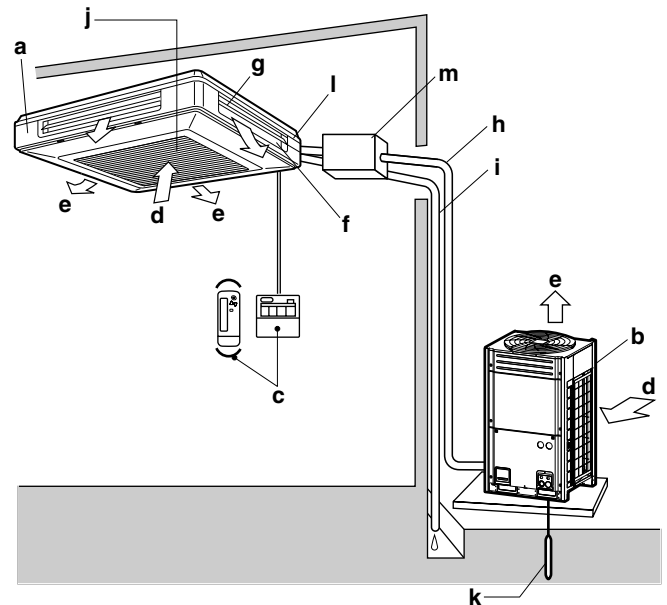
This system provides two other control systems beside individual control (one remote controller controls one indoor unit) system. Confirm the following if your unit is of the following control system type.

- **Group control system**
One remote controller controls up to 16 indoor units.
All indoor units are equally set.
- **Two remote controllers control system**
Two remote controllers control one indoor unit (In case of group control system, one group of indoor units)
The unit is individually operated.

NOTE

- Contact your Daikin dealer in case of changing the combination or setting of group control and two remote controller control systems.

Names and functions of parts



a	Indoor unit
b	Outdoor unit
c	Remote controller
d	Inlet air
e	Discharged air
f	Air outlet
g	Air flow flap (at air outlet)
h	Refrigerant piping, connection electric wire
i	Drain pipe
j	Air inlet The built-in air filter removes dust and dirt.
k	Ground wire Wire to ground from each unit to prevent electrical shocks.
l	Drain pumping out device (built-in) Drains water removed from the room during cooling.
m	BEV unit Unit for connecting FXUQ unit to VRV outdoor unit.

2. SAFETY PRECAUTIONS

To gain full advantage of the air conditioner's functions and to avoid malfunction due to mishandling, please read this operation manual carefully before use.

This air conditioner is classified under "appliances not accessible to the general public".

- The precautions described herein are classified as **WARNING** and **CAUTION**. They both contain important information regarding safety. Be sure to observe all precautions without fail.

⚠ WARNING ...Failure to follow these instructions properly may result in personal injury or loss of life.

⚠ CAUTION ...Failure to observe these instructions properly may result in property damage or personal injury, which may be serious depending on the circumstances.

- After reading, keep this manual in a convenient place so that you can refer to it whenever necessary. If the equipment is transferred to a new user, be sure also to hand over the manual.

⚠ WARNING

Be aware that prolonged, direct exposure to cool or warm air from the air conditioner, or to air that is too cool or too warm can be harmful to your physical condition and health.

When the air conditioner is malfunctioning (giving off a burning odor, etc.) turn off the power to the unit and contact your local dealer.

Continued operation under such circumstances may result in a failure, electric shocks or fire hazards.

Consult your local dealer about installation work.

Doing the work yourself may result in water leakage, electric shocks or fire hazards.

Consult your local dealer regarding modification, repair and maintenance of the air conditioner.

Improper workmanship may result in water leakage, electric shocks or fire hazards.

Do not place objects, including rods, your fingers, etc., in the air inlet or outlet.

Injury may result due to contact with the air conditioner's highspeed fan blades.

Beware of fire in case of refrigerant leakage.

If the air conditioner is not operating correctly, i.e. not generating cool or warm air, refrigerant leakage could be the cause. Consult your dealer for assistance. The refrigerant used for the air conditioner is safe and normally does not leak. However, if the refrigerant leaks and gets in contact with a naked burner, heater or cooker, it may generate hazardous compounds. Turn off the air conditioner and call the dealer. Make sure to turn on the air conditioner after the qualified service person confirms that the leakage is repaired.

Consult your local dealer regarding what to do in case of refrigerant leakage.

When the air conditioner is to be installed in a small room, it is necessary to take proper measures so that the amount of any leaked refrigerant does not exceed the concentration limit in the event of a leakage. Otherwise, this may lead to an accident due to oxygen depletion.

Contact professional personnel about attachment of accessories and be sure to use only accessories specified by the manufacturer.

If a defect results from your own workmanship, it may result in water leaks, electric shock or fire.

Consult your local dealer regarding relocation and reinstallation of the air conditioner.

Improper installation work may result in leakage, electric shocks or fire hazards.

Be sure to use fuses with the correct ampere reading.

Do not use improper fuses, copper or other wires as a substitute, as this may result in electric shock, fire, injury or damage to the unit.

Be sure to earth the unit.

Do not earth the unit to a utility pipe, lightning conductor or telephone earth lead.

Imperfect earthing may result in electric shocks or fire.

A high surge current from lightning or other sources may cause damage to the air conditioner.

Be sure to install an earth leakage breaker.

Failure to install an earth leakage breaker may result in electric shocks or fire.

Consult the dealer if the air conditioner submerges owing to a natural disaster, such as a flood or typhoon.

Do not operate the air conditioner in that case, or otherwise a malfunction, electric shock, or fire may result.

Start or stop the air conditioner with the remote controller. Never use the power circuit breaker for this purpose.

Otherwise, it may cause fire or water leakage. Furthermore, if an automatic reset control is provided against power failure and the power is recovered, the fan will rotate suddenly and may cause injury.

Do not use the product in the atmosphere contaminated with oil vapor, such as cooking oil or machine oil vapor.

Oil vapor may cause crack damage, electric shocks, or fire.

Do not use the product in places with excessive oily smoke, such as cooking rooms, or in places with flammable gas, corrosive gas, or metal dust.

Using the product in such places may cause fire or product failures.

Do not use flammable materials (e.g., hair-spray or insecticide) near the product.

Do not clean the product with organic solvents such as paint thinner.

The use of organic solvents may cause crack damage to the product, electric shocks, or fire.

Be sure to use a dedicated power supply for the air conditioner.

The use of any other power supply may cause heat generation, fire, or product failures.

Consult your dealer regarding cleaning the inside of the air conditioner.

Improper cleaning may cause breakage of plastic parts, water leakage and other damage as well as electric shocks.

⚠ CAUTION

Do not use the air conditioner for purposes other than those for which it is intended.

Do not use the air conditioner for cooling precision instruments, food, plants, animals or works of art as this may adversely affect the performance, quality and/or longevity of the object concerned.

Do not remove the outdoor unit's fan guard.

The guard protects against the unit's high speed fan, which may cause injury.

To avoid oxygen deficiency, ensure that the room is adequately ventilated if equipment such as a burner is used together with the air conditioner.

Do not place flammable sprays or operate spray containers near the unit as this may result in fire.

Do not put flammable containers, such as spray cans, within 1 m from the air outlet.

The containers may explode because the warm air output of the indoor or outdoor unit will affect them.

Before cleaning, be sure to stop unit operation, turn the power circuit breaker off or remove the power cord.

Otherwise, an electric shock and injury may result.

To avoid electric shocks, do not operate with wet hands.

Do not place objects that are susceptible to moisture directly beneath the indoor or outdoor units.

Under certain conditions, condensation on the main unit or refrigerant pipes, air filter dirt or drain blockage may cause dripping, resulting in fouling or failure of the object concerned.

Do not place appliances that produce naked flames in places exposed to the airflow from the unit as this may impair combustion of the burner.

Do not place heaters directly below the unit, as resulting heat can cause deformation.

Do not allow a child to mount on the outdoor unit or avoid placing any object on it.

Falling or tumbling may result in injury.

Be sure that children, plants or animals are not exposed directly to airflow from the unit, as adverse effects may ensue.

Do not wash the air conditioner with water, as this may result in electric shocks or fire.

Do not place water containers (flower vases, etc.) on the unit, as this may result in electric shocks or fire.

Do not install the air conditioner at any place where there is a danger of flammable gas leakage.

In the event of a gas leakage, build-up of gas near the air conditioner may result in fire hazards.

Carry out drain piping properly to ensure complete drainage.

If drain piping is not carried out properly, drain will not flow out. Then, dirt and debris may be accumulated in the drain pipe and may cause water leakage. If it occurs, stop the air conditioner and call your dealer for assistance.

The appliance is not intended for use by unattended young children or persons who are incompetent to operate air conditioners.

It may result in injury or electric shock.

Children should be watched so that they do not play with the unit or its remote controller.

Accidental operation by a child may result in injury or electric shock.

To avoid injury, do not touch the air inlet or aluminum fins of the unit.

Do not place objects in direct proximity of the outdoor unit and do not let leaves and other debris accumulate around the unit.

Leaves are a hotbed for small animals which can enter the unit. Once in the unit, such animals can cause malfunctions, smoke or fire when making contact with electrical parts.

Do not block air inlets nor outlets.

Impaired airflow may result in insufficient performance or trouble.

Do not let children play on or around the outdoor unit.

If they touch the unit carelessly, injury may be caused.

Turn off the power when the unit is not to be used for long periods of time.

Otherwise, the unit may get hot or catch on fire due to dust accumulation.

Never touch the internal parts of the remote controller.

Do not remove the front panel. Touching certain internal parts will cause electric shocks and damage to the unit. Please consult your dealer about checking and adjustment of internal parts.

Do not leave the remote controller wherever there is a risk of wetting.

If water gets into the remote controller there is a risk of electrical leakage and damage to electronic components.

Watch your steps at the time of air filter cleaning or inspection.

High-place work is required, to which utmost attention must be paid.

If the scaffold is unstable, you may fall or topple down, thus causing injury.

3. OPERATION RANGE

3-1. FUQ

If the temperature or the humidity is beyond the following conditions, safety devices may work and the air conditioner may not operate, or sometimes, water may drop from the indoor unit.

COOLING

OUTDOOR UNIT	INDOOR		OUTDOOR TEMPERATURE		
	TEMPERATURE	HUMIDITY			
RZQ71, 100, 125, 140	D B	18 to 37	80% or below	D B	-15 to 50
	W B	12 to 28			
RZQ200	D B	21 to 37	80% or below	D B	- 5 to 46
	W B	14 to 28			
RQ71,100,125	D B	18 to 37	80% or below	D B	-5 to 46
	W B	12 to 28			
RR71,100,125	D B	18 to 37	80% or below	D B	-15 to 46
	W B	12 to 28			
RZQG71, 100, 125, 140	D B	18 to 37	80% or below	D B	-15 to 50
	W B	12 to 28			

HEATING

OUTDOOR UNIT	INDOOR TEMPERATURE		OUTDOOR TEMPERATURE	
	RZQ71, 100, 125, 140	D B	10 to 27	D B
W B		-20 to 15.5		
RZQ200	D B	10 to 27	D B	-14 to 21
	W B		-15 to 15	
RQ71,100,125	D B	10 to 27	D B	-9 to 21
	W B		-10 to 15	
RZQG71, 100, 125, 140	D B	10 to 27	D B	-19.5 to 21
	W B		-20 to 15.5	

D B: Dry bulb temperature (°C)

W B: Wet bulb temperature (°C)

The setting temperature range of the remote controller is 16°C to 32°C.

3-2. FXUQ

If the temperature or the humidity is beyond the following conditions, safety devices may work and the air conditioner may not operate, or sometimes, water may drop from the indoor unit.

OUTDOOR TEMPERATURE	COOLING		HEATING	
	D B	-5 to 43	D B	-19.5 to 21
W B	W B		-20 to 15.5	
INDOOR TEMPERATURE	D B	21 to 37	D B	10 to 27
	W B	14 to 28		
INDOOR HUMIDITY	80%* or below			

*To avoid condensation and water dripping out the unit.

D B: Dry bulb temperature (°C)

W B: Wet bulb temperature (°C)

The setting temperature range of the remote controller is 16°C to 32°C.

4. INSTALLATION SITE

Regarding places for installation

- Is the air conditioner installed at a well-ventilated place where there are no obstacles around?
- Do not use the air conditioner in the following places.
 - a. Filled with much mineral oil such as cutting oil
 - b. Where there is much salt such as a beach area
 - c. Where sulfured gas exists such as a hot-spring resort
 - d. Where there are considerable voltage fluctuations such as a factory or plant
 - e. Vehicles and vessels
 - f. Where there is much spray of oil and vapor such as a cookery, etc.
 - g. Where there are machines generating electromagnetic waves
 - h. Filled with acid and/or alkaline steam or vapor
- Is a snow protection measure taken?
For details, consult your dealer.

Regarding wiring

- All wiring must be performed by an authorized electrician.
To do wiring, ask your dealer. Never do it by yourself.
- Make sure that a separate power supply circuit is provided for this air conditioner and that all electrical work is carried out by qualified personnel according to local laws and regulations.

Pay attention to running noises, too

- Are the following places selected?
 - a. A place that can sufficiently withstand the weight of the air conditioner with less running noises and vibrations.
 - b. A place where the hot wind discharged from the air outlet of the outdoor unit and the running noises.
- Are you sure that there are no obstacles near the air outlet of the outdoor unit?
Such obstacles may result in declined performance and increased running noises.
- If abnormal noises occur in use, consult your dealer.

Regarding drainage of drain piping

- Is the drain piping executed to perform complete drainage?
If proper drainage is not carried out from the outdoor drain pipes during air-conditioning operation, chances are that dust and dirt are clogged in the pipe. This may result in a water leakage from the indoor unit. Under such circumstances, stop the operation of the air conditioner, and then consult your dealer or our service station.

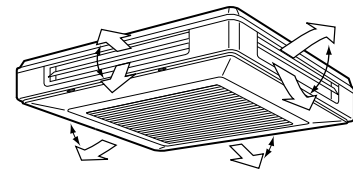
5. OPERATION PROCEDURE

- Operation procedure
<FUQ>
Read the operation manual attached to the remote controller.
- <FXUQ>
Read the operation manual attached to the outdoor unit.
- Operating procedure varies with heat pump type and cooling only type. Contact your Daikin dealer to confirm your system type.
- To protect the unit, turn on the main power switch 6 hours before operation.
- If the main power supply is turned off during operation, operation will restart automatically after the power turns back on again.



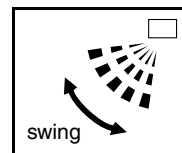
AIR FLOW DIRECTION ADJUST

Press the AIR FLOW DIRECTION button to adjust the air flow angle.



Up and down adjustment

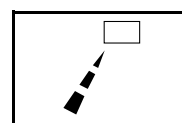
Press the AIR FLOW DIRECTION ADJUST button to select the air direction as shown below.



The AIR FLOW FLAP display swings as shown below and the air flow direction continuously varies. (Automatic swing setting)



Press AIR FLOW DIRECTION ADJUST button to select the air direction of your choice.



The AIR FLOW FLAP display stops swinging and the air flow direction is fixed (Fixed air flow direction setting).

MOVEMENT OF THE AIR FLOW FLAP


For the following conditions, micro computer controls the air flow direction so it may be different from the display.

Operation mode	Cooling	Heating
Operation condition	<ul style="list-style-type: none"> • When room temperature is lower than the set temperature 	<ul style="list-style-type: none"> • When room temperature is higher than the set temperature • At defrost operation

Operation mode includes automatic operation.

6. OPTIMUM OPERATION

Observe the following precautions to ensure the system operates.

- Adjust the room temperature properly for a comfortable environment. Avoid excessive heating or cooling.
- Prevent direct sunlight from entering a room during cooling operation by using curtains or blinds.
- Ventilate the room regularly.
Using the unit for long periods of time requires attentive ventilation of the room.
- Keep doors and windows closed. If the doors and windows remain open, room air will flow out and cause to decrease the effect of cooling and heating.
- Do not place other heaters directly below the indoor unit.
They may deform due to the heat.
- Never place objects near the air inlet and the air outlet of the unit. It may cause deterioration in the effect or stop in the operation.
- Turn off the main power supply switch when it is not used for long periods of time. When the main power switch is turned on, some watts of electricity is being used even if the system is not operating. Turn off the main power supply switch for saving energy. When reoperating, turn on the main power supply switch 6hours before operation for smooth running (Refer to MAINTENANCE).
- When the display shows “”, ask a qualified service person to clean the filters (Refer to MAINTENANCE).
- Fully use the function of air flow direction adjust. Cold air gathers on the floor, and warm air gathers in the ceiling.
Set the air flow direction parallel during cooling or dry operation, and set it downwards during heating operation.
Do not let the air blow directly to a person.

7. MAINTENANCE (FOR SERVICE PERSONNEL)


ONLY A QUALIFIED SERVICE PERSON IS ALLOWED TO PERFORM MAINTENANCE

IMPORTANT!

- BEFORE OBTAINING ACCESS TO TERMINAL DEVICES, ALL POWER SUPPLY CIRCUITS MUST BE INTERRUPTED
- To clean the air conditioner, be sure to stop operation, and turn the power switch off. Otherwise, an electric shock and injury may result.

- Do not wash the air conditioner with water
Doing so may result in an electric shock.
- Be careful with a scaffold or staging
Caution must be exercised because of work at a high place.

HOW TO CLEAN THE AIR FILTER

Clean the air filter when the display shows “”. It will display that it will operate for a set amount of time. Increase the frequency of cleaning if the unit is installed in a room where the air is extremely contaminated.

If the dirt becomes impossible to clean, change the air filter (Air filter for exchange is optional).

1. Open the suction grille.

Slide both knobs simultaneously as shown and then pull them downward.
(Do the same procedure for closing.)
(Refer to Fig. 1)

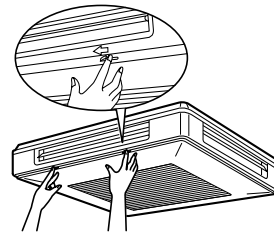


Fig. 1

2. Remove the air filter.

Pull both knobs on the air filter up and out towards you. **(Refer to Fig. 2)**

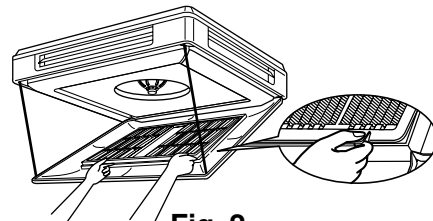


Fig. 2

3. Clean the air filter.

Use vacuum cleaner **A)** or wash the air filter with water **B)**.
A) Using a vacuum cleaner



B) Washing with water

When the air filter is very dirty, use soft brush and neutral detergent.



Remove water and dry in the shade.

NOTE

- Do not wash the air conditioner with hot water of more than 50°C, as doing so may result in discoloration and/or deformation.
- Do not expose it to fire, as doing so may result in burning.

4. Fix the air filter

- 1 Slide the air filter along the suction grille's frame and push it into the protruding section of the suction grille.
- 2 Lock the air filter in place by pushing down on the knobs. (Refer to Fig. 3)

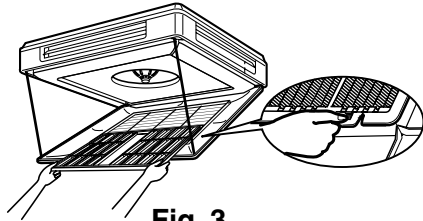


Fig. 3

5. Close the suction grille.

Refer to item No. 1.

6. After turning on the power, press AIR FILTER CLEANING TIME ICON RESET button.

The display “” vanishes.

HOW TO CLEAN AIR OUTLET AND OUTSIDE PANELS

- Clean with soft cloth.
- When it is difficult to remove stains, use water or neutral detergent.
- When the flap is extremely contaminated, remove it as below and clean or exchange it. (Flap for exchange is optional)

NOTE

- Do not use gasoline, benzene, thinner, polishing powder, liquid insecticide. It may cause discoloring or warping.
- Do not let the indoor unit get wet. It may cause an electric shock or a fire.
- Do not scrub firmly when washing the blade with water. The surface sealing may peel off.
- Do not use water or air of 50°C or higher for cleaning air filters and outside panels.

HOW TO CLEAN THE SUCTION GRILLE

1. Open the suction grille.

Refer to “HOW TO CLEAN THE AIR FILTER” (Refer to Fig. 1)

2. Detach the suction grille.

- 1 Detach the two strings attaching the suction grille to the indoor unit.

- 2 With the suction grille in the open position, remove the suction grille by pushing it up as shown. (Refer to Fig. 4)

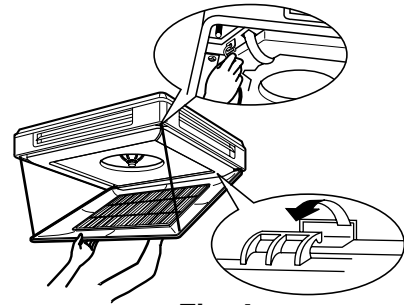


Fig. 4

3. Remove the air filter

Refer to “HOW TO CLEAN THE AIR FILTER”.

4. Clean the suction grille.

Wash with a soft bristle brush and neutral detergent or water, and dry thoroughly.



• When very grimy

Directly apply the type of detergent used for cleaning ventilation fans or ovens, wait 10 minutes, and then rinse with water.

NOTE

- Do not wash the air conditioner with hot water of more than 50°C, as doing so may result in discoloration and/or deformation.

5. Fix the air filter

Refer to “HOW TO CLEAN THE AIR FILTER”.

6. Reattach the suction grille.

Refer to item No. 2.

7. Close the suction grille.

Refer to item No. 1.

HOW TO DETACH AND REATTACH THE AIR FLOW FLAP

1. Detaching the flap

Open the pawl on each end and pull the flap out towards you. (Refer to Fig. 5)

2. Reattaching the flap

Align the flap's pawls with the bumps on both ends of the air outlet and push gently. (Refer to Fig. 6)

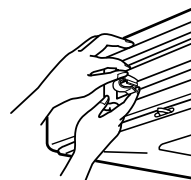


Fig. 5

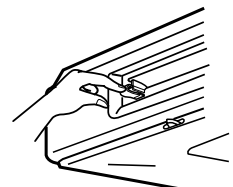


Fig. 6

NOTE

- When washing the flap with water, use only soft brush or neutral detergent.

START UP AFTER A LONG STOP

Confirm the following

- Check that the air inlet and outlet are not blocked. Remove any obstacle.
- Check if the earth is connected. Might there be a broken wire somewhere? Contact your dealer if there are any problems.

Clean the air filter and outside panels

- After cleaning the air filter, make sure to attach it.

Turn on the main power supply switch

- The display on the remote controller will be shown when the power is turned on.
- To protect the unit, turn on the main power switch at least 6 hours before operation.

WHAT TO DO WHEN STOPPING THE SYSTEM FOR A LONG PERIOD

Turn on FAN OPERATION for a half day and dry the unit.

- Read the operation manual attached to the remote controller.

Cut off the power supply.

- When the main power switch is turned on, some watts of electricity is being used even if the system is not operating. Turn off the main power supply switch for saving energy.
- The display on the remote controller will vanish when the main power switch is turned off.

Clean the air filter and the exterior.

- Be sure to replace the air filter to its original place after cleaning. Refer to "MAINTENANCE".

8. NOT MALFUNCTION OF THE AIR CONDITIONER

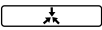
The following symptoms do not indicate air conditioner malfunction

I. THE SYSTEM DOES NOT OPERATE

- **The system does not restart immediately after the ON/OFF button is pressed.**
If the OPERATION lamp lights, the system is in normal condition.
It does not restart immediately because a safety device operates to prevent overload of the system. After 3 minutes, the system will turn on again automatically.

- **The system does not restart immediately when TEMPERATURE SETTING button is returned to the former position after pushing the button.**
If the OPERATION lamp lights, the system is in normal condition.

It does not restart immediately because a safety device operates to prevent overload of the system. After 3 minutes, the system will turn on again automatically.

- **The system does not start when the display shows "  " and it flashes for few seconds after pressing an operation button.**
This is because the system is under centralized control. Flashes on the display indicates that the system cannot be controlled by the remote controller.
- **The system does not start immediately after the power supply is turned on.**
Wait one minute until the micro computer is prepared for operation.

II. WHITE MIST COMES OUT OF A UNIT

- **When humidity is high during cooling operation (In oily or dusty places)**

If the inside of an indoor unit is extremely contaminated, the temperature distribution inside a room becomes uneven. It is necessary to clean the inside of the indoor unit. Ask your Daikin dealer for details on cleaning the unit. This operation requires a qualified service person.

- **When the system is changed over to HEATING OPERATION after DEFROST OPERATION.**
Moisture generated by DEFROST becomes steam and exists.

III. NOISE OF AIR CONDITIONERS

- **A ringing sound after the unit is started.**
This sound is generated by the temperature regulator working.
It will quiet down after about a minute.
- **A continuous flow "Shuh" sound is heard when the systems is in COOLING or DEFROST OPERATION.**
This is the sound of refrigerant gas flowing through both indoor and outdoor units.
- **A "Shuh" sound which is heard at the start or immediately after the stop of operation or which is heard at the start or immediately after the stop of DEFROST OPERATION.**
This is the noise of refrigerant caused by flow stop and flow change.
- **A continuous low "Shah" sound is heard when the system is in COOLING OPERATION or at a stop.**
The noise is heard when the drain pump is in operation.

- A “Pishi-pishi” squeaking sound is heard when the system is in operation or after the stop of operation.
Expansion and contraction of plastic parts caused by temperature change makes this noise.

IV. DUST FROM THE UNITS

- Dust may blow out from the unit after starting operation from long resting time.
Dust absorbed by the unit blows out.

V. THE UNITS GIVE OFF ODORS

The unit absorbs the smell of rooms, furniture, cigarettes, etc., and then emits them.

VI. THE LIQUID CRYSTAL OF THE REMOTE CONTROLLER SHOW “88”

- It happens immediately after the main power supply switch is turned on.
This shows that the remote controller is in normal condition.
This continues temporary.

9. TROUBLE SHOOTING

- I. If one of the following malfunctions occurs, take the measures shown below and contact your Daikin dealer.


The system must be repaired by a qualified service person.

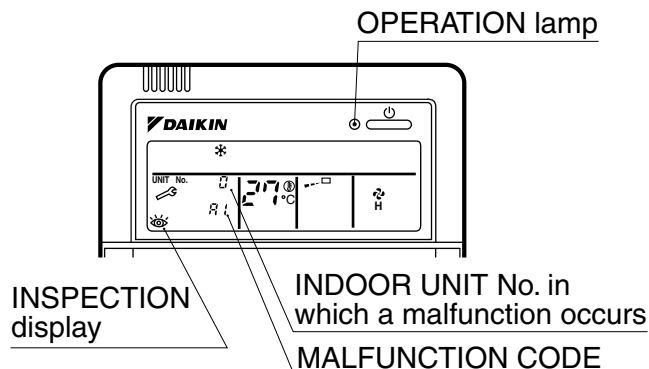
⚠ WARNING

When the air conditioner is in abnormal conditions (smell of something burning, etc), unplug the power cord from the outlet, and contact your dealer

Continued operation under such circumstances may result in a failure, electric shock, and fire.

- If a safety device such as a fuse, a breaker or an earth leakage breaker frequently actuates;
Measure: Do not turn on the main power switch.
- If the ON/OFF switch does not properly work;
Measure: Turn off the main power switch.
- If water leaks from unit.
Measure: Stop the operation.

- If the display “”, “UNIT No.”, and the OPERATION lamp flash and the “MALFUNCTION CODE” appears.

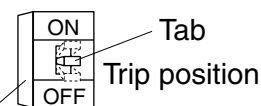


Measure: Notify your Daikin dealer and inform him/her of the display.

- II. If the system does not properly operate except for the above mentioned case, and none of the above mentioned malfunctions is evident, investigate the system according to the following procedures.

1. If the system does not operate at all.

- Check if there is a power failure.
Wait until power is restored. If power failure occurs during operation, the system automatically restarts immediately after the power supply recovers.
- Check if no fuse has blown.
Turn off the power supply.
- Check if the breaker is blown.
Turn the power on with the breaker switch in the off position.
Do not turn the power on with the breaker switch in the trip position.
(Contact your dealer.)



Power circuit breaker (earth leakage breaker)

2. If the system stops operating after operating the system.

- Check if the air inlet or outlet of outdoor or indoor unit is blocked by obstacles.
Remove the obstacle and make it well-ventilated.
- Check if the air filter is clogged.
Ask a qualified service person to clean the air filters (Refer to MAINTENANCE).

3. The system operates but it does not sufficiently cool or heat.

- If the air inlet or outlet of the indoor or the outdoor unit is blocked with obstacles.
Remove the obstacle and make it well-ventilated.
- If the air filter is clogged.
Ask a qualified service person to clean the air filters (Refer to MAINTENANCE).

- If the set temperature is not proper (Refer to the operation manual attached to the remote controller).
- If the FAN SPEED button is set to LOW SPEED (Refer to the operation manual attached to the remote controller).
- If the air flow angle is not proper (Refer to AIR FLOW DIRECTION ADJUST).
- If the doors or the windows are open. Shut doors or windows to prevent wind from coming in.
- If direct sunlight enters the room (when cooling). Use curtains or blinds.
- When there are too many inhabitants in the room (when cooling). Cooling effect decreases if heat gain of the room is too large.
- If the heat source of the room is excessive (when cooling). Cooling effect decreases if heat gain of the room is too large.

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