
Air Conditioner

MODELS

Ceiling-mounted duct type
low static pressure unit

FXDQ20SPV1
FXDQ25SPV1
FXDQ32SPV1
FXDQ40SPV1
FXDQ50SPV1
FXDQ63SPV1

Thank you for purchasing Daikin air conditioner.

Before using the air conditioner, please read this operation manual carefully.

This operation manual gives the instructions for the correct operation for the air conditioner and the countermeasures taken in case of problems.

This operation manual is the special operation manual for the indoor unit, and at the same time, please make references to the operation manual for the outdoor unit.

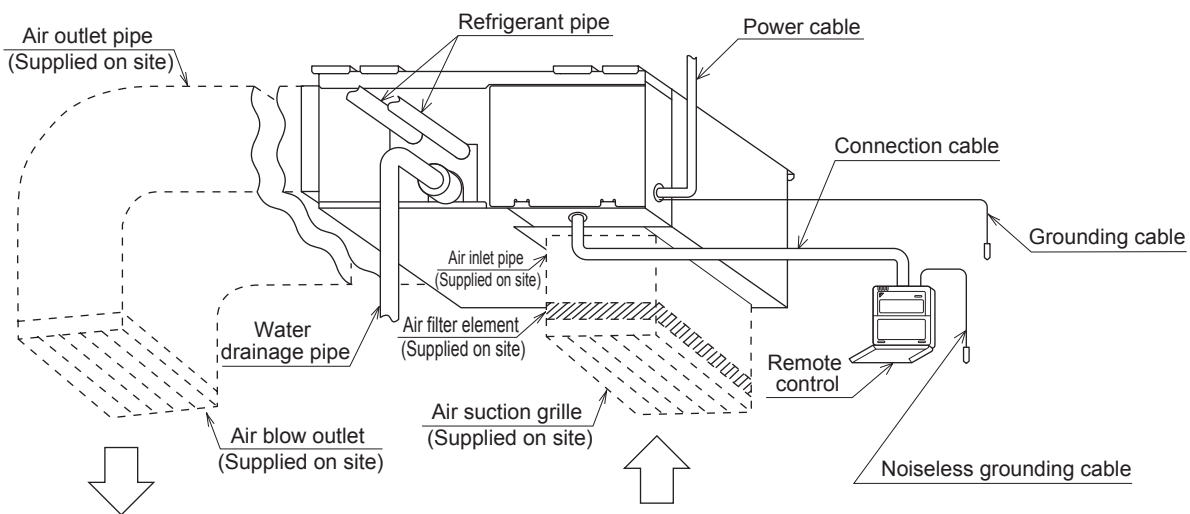
After reading the operation manual, please keep it well for future use.

The following items are described in the operation manual for the outdoor unit.

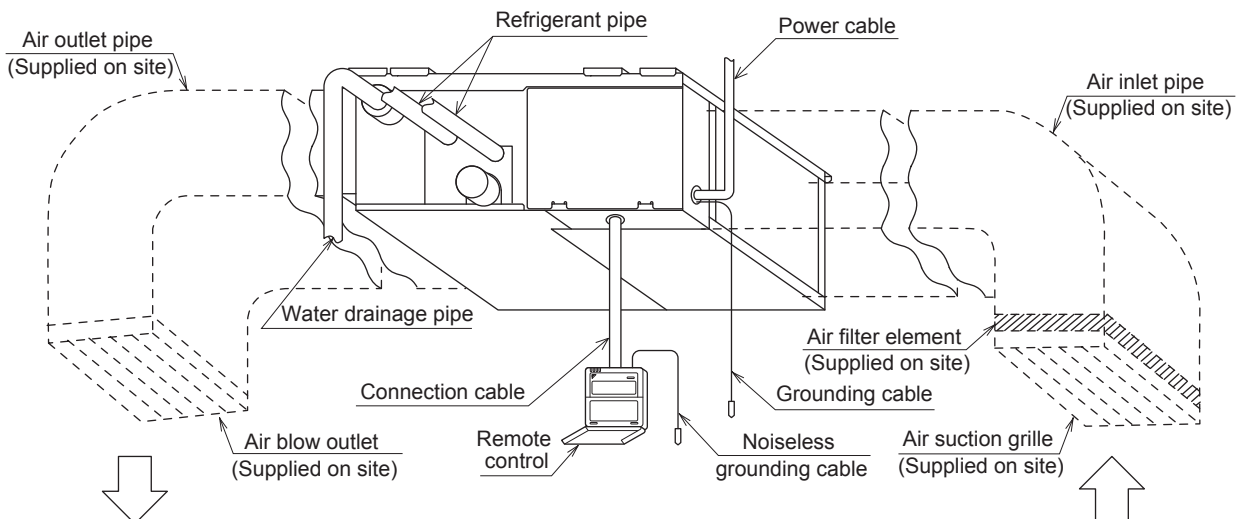
- Name and functions of the parts of the remote control
 - Operating procedures
 - Troubleshooting
-

Name of Parts and Functions

Model FXDQ~SPV1 (Example: When the air is supplied below)



Model FXDQ~SPV1 (Example: When the air is supplied from the back)



Safety Precautions

Please always follow the following items.
(Before using the air conditioner, please read the operation manual carefully to ensure proper use.)

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

- The precautions indicated here are divided into the following two types.
The following safety precautions are very important, please always follow the instructions.

⚠ WARNING...Situations as death or severe injury can occur in case of noncompliance.

⚠ CAUTION...Situations as injury or damage to the machine can occur in case of noncompliance. Depending on different situations, situations as severe injury can occur.

- Meaning of the following symbols

	Never operate by yourself.
	Always follow the instructions to operate.

Maintenance

⚠ WARNING

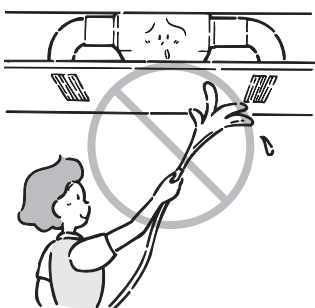
- The maintenance can be only performed by professional maintenance personnel.
- Before contacting the wired device, always disconnect all the power supplies.
- When installing any optional part, please ask a the professional personnel to install. Always use the parts specified by the company. Incorrect installation by yourself may lead to water leakage, electrical shock and fire.
- Children should be supervised to ensure that they do not play with the unit or its remote controller.
Accidental operation by a child may result in impairment of bodily functions and harm health.

! CAUTION

- The air conditioner can only be cleaned only after it is stopped and the power supply is switched off. Otherwise electrical shock or injury can occur.



- Never wash the air conditioner with water. Otherwise electrical shock can occur.



- Use a stable standing platform. Use particular caution when washing the air conditioner.

Routine Maintenance:

For models with a wired remote control, there are two types as BRC1C and BRC1E. When using Type BRC1C, please read this operation manual. When using Type BRC1E, please read the operation manual supplied with the remote control.

(Cleaning the air filter element)

Instructions

- Never remove the air filter element when it is not cleaned. Otherwise problems can occur. (For the standard product of this model, no air filter element is equipped.)
- When “” is displayed on the remote control, please ask a professional personnel to clean.
- The display will appear after operation for a period of time.
- When the air conditioner is used in a dusty environment, the air filter element should be cleaned more frequently.
- For details on changing the set time of the “” displayed, please contact the dealer. (When the air conditioner is purchased, the set time is 2500 hours.)
- The following time and display information can be set.
1250, 2500, 5000, and 10000

1. Remove the air filter element.
2. Clean.

! CAUTION

As for the cleaning method for the air filter element and the grille (air suction inlet and air blow outlet), as well as for the cleaning method for the items supplied on site, please consult the construction personnel.

3. Install the air filter element.
4. Press the air filter element signal reset key on the remote control. “” will disappear.

(Clean the air blow outlet and the housing)

(Maintenance inspection)

- Please clean the water drainage pan regularly, as the water drainage pipe can be blocked by the built up dirt and can leak water.
- Please ask for cleaning from a Daikin Agency. (Please clean before use of the air conditioner in cold and warm season.)
- In case that it is dusty around the indoor unit, please use a dust cover (supplied on site).

(Cleaning the inside of the indoor unit)

- Always clean the inside of the indoor unit regularly. As professional techniques are required to clean the indoor unit, please ask a Daikin Agency for cleaning.

In case of any of the following problems, please contact your dealer.

! WARNING

- In case of any abnormality (bad smell, etc.), please switch off the power switch. In case that the unit is operated continuously with abnormality, problems can occur and lead to electrical shock or fire.
- Please contact your dealer.



Symptom

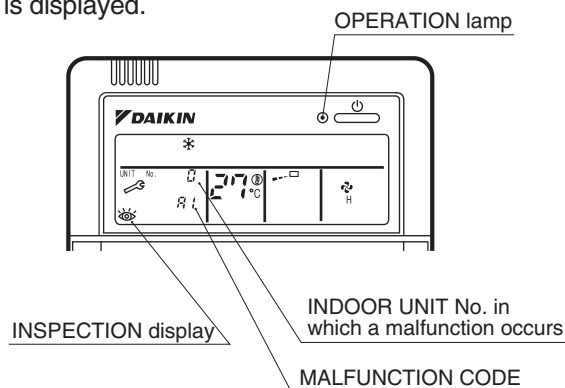
- The safety devices such as the fuse, circuit breaker and electricity leakage circuit breaker frequently trip off, and the operation switch does not work properly. **Before contacting your dealer, please firstly take the following measures:** Please switch off the power supply.

Symptom

- The air conditioner leaks water. **Before contacting your dealer, please firstly take the following measure:** Please stop operation.

Symptom

- The “OPERATION lamp”, “INSPECTION display”, and “INDOOR UNIT No.” indicator on the remote control flash or turn on, and “MALFUNCTION CODE” is displayed.



Before contacting your dealer, please firstly take the following measure:

Report the information displayed on the remote control to your dealer.

Types of Product and Operating Noise

Name		Model	FXDQ20SPV1	FXDQ25SPV1	FXDQ32SPV1
Type	Function	Heat pump / cooling type			
	Type of unit structure	Split type			
	Cooling type of condenser	Air cooling type			
	Mode of air supply	Air pipe connecting type			
	Rated cooling capacity (W)	2200	2800	3600	
	Rated heating capacity (W) (Only heat pump type)	2500	3200	4000	
Operating noise dB (A) (Conversion value in a fully silenced room)		33	33	34	


Name		Model	FXDQ40SPV1	FXDQ50SPV1	FXDQ63SPV1
Type	Function	Heat pump / cooling type			
	Type of unit structure	Split type			
	Cooling type of condenser	Air cooling type			
	Mode of air supply	Air pipe connecting type			
	Rated cooling capacity (W)	4500	5600	7100	
	Rated heating capacity (W) (Only heat pump type)	5000	6300	8000	
Operating noise dB (A) (Conversion value in a fully silenced room)		35	35	37	

Instructions

- During actual operations, as there is environment noise and echo, the noise is usually higher than the values shown.
- With the improvement of technologies, the values listed above are subject to change.
- The operating noise is the value with air suction from the back and the static pressure outside the unit set to standard.
The operating noise for air suction from below is the operating noise with air suction from the back plus 5 dB.
However, when installed with the pressure below the above static pressure outside the unit, the operating noise may be increased by above 5 dB.

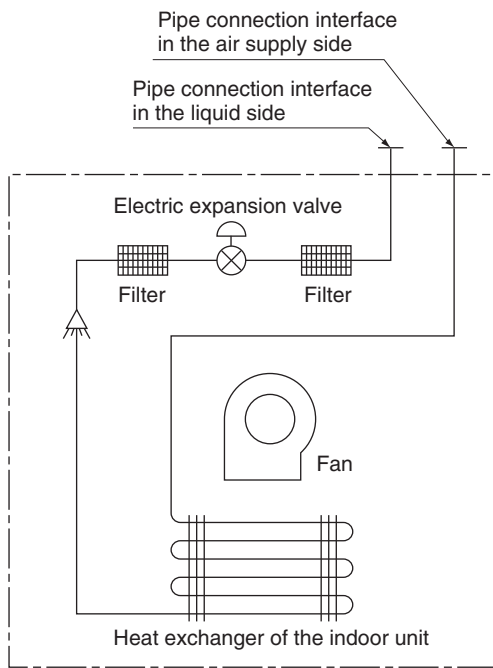
After-Sales Service and Warranty

WARNING

- **Any repair shall be carried out by your dealer.**
Incorrect repair can lead to water leakage, electrical shock and fire.
- **Any movement and re-installation shall be carried out by your dealer.**
Incorrect installation can lead to water leakage, electrical shock and fire.
- **The refrigerant used in the indoor unit is very safe. Normally, the refrigerant will not leak out. However, in case that any refrigerant is leaked out in the room and the refrigerant gas is in contact with such devices as heater, furnace and stove, poisonous gas can be generated.**
When any repair for refrigerant leakage is completed, always request the maintenance personnel to confirm the status of repair of the leakage at first, and then operations can be carried out. 

- **When asking for any repair, please provide the following details:**
 - Model of the air conditioner
 - The Serial No. and the date of installation
 - Problem – Detailed description (the error code displayed on the remote control)
 - Your name, address and telephone number
- **Repair after the guaranty period**
Contact your dealer, and if it is repairable, charged services can be provided.
- **The shortest supply period of the key parts**
When Daikin stops the production of the air conditioner of the model, it will supply the key parts for at least 9 years.
Key parts refer to parts which are required for the product to operate.
- **Maintenance inspection**
After use for several seasons, as dust is built up in the unit, the performances of the air conditioner can be degraded.
In addition to the routine maintenance carried out by yourself, it is recommended to sign a maintenance and inspection contact with us (charged). For details on the professional services, please contact your dealer.
- **Inquiry**
For details on the after-sales services, please consult your dealer.
- **When disposing of, moving, re-installing and/or maintaining the product, please firstly recover the refrigerant; and when disposing of the product, it shall be disposed of by a company which has the qualifications to dispose of the waste electrical and electronic products.**
- **In the homogeneous materials consisting of the air conditioner, the content of lead, mercury, hexavalent chromium, polybrominated biphenyl, and poly brominated diphenyl ethers is not above 0.1% (mass value), and the content of cadmium is not above 0.01% (mass value).**

Pipe Diagram



DAIKIN INDUSTRIES, LTD.

Head office:

Umeda Center Bldg., 2-4-12, Nakazaki-Nishi,
Kita-ku, Osaka, 530-8323 Japan

Tokyo office:

JR Shinagawa East Bldg., 2-18-1, Konan,
Minato-ku, Tokyo, 108-0075 Japan
http://www.daikin.com/global_ac/