

DAIKIN ROOM AIR CONDITIONER  
**OPERATION MANUAL**  
**R32 SPLIT SERIES**

MODELS  
 ATXC20CV1B  
 ATXC25CV1B  
 ATXC35CV1B  
 ATXC50CV1B  
 ATXC60CV1B  
 ATXC71CV1B

Operation Manual  
 Handset Wireless  
 English

**Notes:**  
 Illustrations in this manual are for explanation to user only and may differ from the actual machine. These are subject to change without prior notice for the development of future product.

**Safety precautions**

**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.

**WARNING**  
 The appliance must be stored in a room without continuously operating ignition sources (for example: open flames, an operating gas appliance or an operating electric heater).

**CAUTION**  
 Do not touch the air conditioner or its parts when the unit is powered on.

**COOL • FAN • DRY • HEAT • AUTO Operation**

**To start operation**

1. Press **ON/OFF** button to start the unit operation.

2. Press **MODE** button to choose the desired operation mode.

**To stop operation**

3. Press **ON/OFF** button again to stop the unit operation.

Operating Mode	Description
COOL	The air conditioner cools down the room by releasing the heat to outdoor unit.
FAN	The air conditioner indoor unit FAN will run in fan only.
DRY	The air conditioner operates to control the room humidity by regulating the indoor unit fan speed. Therefore, manual adjustment of the fan speed in DRY mode is not available.
HEAT	The air conditioner heats up a room to the temperature setpoint.
AUTO	The air conditioner cools down or heats up a room to the temperature setpoint. It automatically switches between cooling and heating if necessary.

**Notes on the operating conditions**

- The air conditioner will always consume a small amount of electricity even in standby mode.
- Ensure that the power supply / breaker is switch off if the air conditioner is not going to be used for an extended period of time.

**POWERFUL Operation**

**To start POWERFUL operation**

1. Press **POWERFUL** button.

**To cancel POWERFUL operation**

2. Press **POWERFUL** button.

**Notes on POWERFUL operation**

**Fault Diagnosis**

1. Press and hold **POWERFUL** button for 5 seconds.

2. Press **POWERFUL** button to check on the error code.

3. Press and hold **POWERFUL** button for 5 seconds.

Error Code	Meaning
00	Normal
A1	Malfunction of indoor unit PCB
A3	Drain level control system abnormal
A5	Antifreeze
A6	Indoor fan motor abnormal
AH	Electrical air cleaner abnormal
C4	Indoor heat exchanger (1) thermostat short / open
C5	Indoor heat exchanger (2) thermostat short / open
C7	Lower limit switch error
C8	Indoor humidity sensor short / open
CC	Malfunction of humidity sensor system
CH	Outdoor PCB error
E1	High pressure protection
E3	Compressor motor lock / compressor overload
E6	Compressor start-up error
E7	Outdoor DC fan motor lock
E8	AC input overcurrent
EA	4 way valve error
F3	Discharge pipe overheat
F6	Abnormal high pressure
F8	Heat exchanger overheat
FA	Compressor sensor system error
H0	High pressure switch error
H3	Compressor feedback detection error
H7	Malfunction of outdoor unit fan motor signal
H8	AC current sensor error
H9	Outdoor air thermostat short/open
J3	Compressor discharge pipe thermostat short / open / misplaced
J6	Outdoor heat exchanger thermostat short / open
J8	Liquid pipe thermostat short / open
J9	Gas pipe thermostat short / open
L3	Outdoor control box overheat
L4	Heat sink overheat
L5	IPM error / IGBT error
P4	Heat sink thermostat short / open
U0	Insufficient gas
U2	DC voltage out of range
U3	Transmission error
U4	Communication error
UA	Installation error
UF	Piping & wiring installation mismatch / wrong wiring / insufficient gas
UH	Antifreeze (other rooms)

**CAUTION**

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.

**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 and works of art as this may adversely affect the performance, quality and/or longevity of the object concerned.

**CAUTION**

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

**CAUTION**

Do not block air inlets nor outlets. Impaired air flow may result in insufficient performance or trouble.

**CAUTION**

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 in the air conditioner is safe and normally does not leak. However, in the event of a leakage, contact with a naked burner, heater or cooker may result in generation of noxious gas. Do not touch the air conditioner until a qualified service person confirms that the leakage has been repaired.

**CAUTION**

Do not sit or place objects on the outdoor unit. Falling yourself or falling objects could cause injury.

**CAUTION**

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.

**CAUTION**

After prolonged use, check the unit stand and its mounts for damage. If left in a damaged condition, the unit may fall and cause injury.

**CAUTION**

Do not touch the air inlet or aluminium fins of the indoor or outdoor units.

**CAUTION**

The appliance is not intended for use by unattended young children or infirm persons. Impairment of bodily functions and harm to health may result.

**CAUTION**

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**

Do not sit on the outdoor unit. Put things on the unit, or pull the unit. Doing so may cause accidents, such as falling or toppling down, thus resulting in injury, product malfunctioning, or product damage.

**CAUTION**

Do not give impact to the indoor and outdoor units, or otherwise product damage may result.

**CAUTION**

Do not place objects around the indoor unit. Doing so may have an adverse influence on the performance, product quality, and life of the air conditioner.

**CAUTION**

Be careful not to let pets urinate on the air conditioner. Urination on the air conditioner may result in electric shocks or fire.

**CAUTION**

Do not sit or hang on the up and down panel. The up and down panel may fall, and injury or property damage may result.

**CAUTION**

Do not touch or obstruct the in up and down panel. The up and down panel may fall, and injury or property damage may result.

**CAUTION**

Do not locate or damage the wires. The wires may be broken and the up and down panel may fall, and injury or property damage may result.

**CAUTION**

Do not touch the air inlet or aluminium fins of the air outlet of the outdoor unit and operating noise do not cause a nuisance to neighbours.

**CAUTION**

Be sure there are no obstructions near the air outlet of the outdoor unit.

**CAUTION**

Do not put objects on the up and down panel, or otherwise production malfunctioning may result.

**CAUTION**

Do not use an unstable stand at the time of operating or maintaining the air conditioner, or otherwise you may topple over or injure yourself.

**CAUTION**

Locate the remote controller in places out of reach of children. The wrong operation of the remote controller may result in injury.

**To change temperature setting**

4. Press **TEMP** button.

Press **▲** to raise the temperature and **▼** to lower the temperature.

Operating Mode	COOL	HEAT	AUTO	DRY & FAN
Set Temperature Range	18°C - 32°C	10°C - 30°C	18°C - 30°C	Not applicable

Press **▲** and **▼** simultaneously for 5 seconds to change the temperature display unit in Celsius (°C) or Fahrenheit (°F).

For example, 24°C → 75°F.

**Notes on fan speed setting**

**To change fan speed setting**

5. Press **FAN** button.

Each pressing on the button advances the fan speed mode in sequence.

In COOL, FAN, HEAT & AUTO mode:

AUTO FAN QUIET LOW MEDIUM HIGH FAN FAN FAN FAN FAN

Fan speed setting not available in DRY mode.

**Care and Cleaning**

**CAUTION**

Before cleaning, be sure to stop the operation and turn off the circuit breaker.

Do not touch the aluminium fins of the indoor unit. If you touch those parts, this may cause an injury.

Avoid direct contact of any coil treatment cleaners on plastic part. This may cause plastic part to deform as a result of chemical reaction.

**Quick reference**

**Cleaning parts**

**Front panel**

- Wipe it with a soft damp cloth.
- Do not use detergent.
- Only neutral detergent may be used.
- If dirty

**Air filter**

- Vacuum dust or wash the filter.
- Once every 2 weeks

**Indoor unit, outdoor unit and remote controller**

- Wipe them with a soft cloth.
- If dirty

**Notes**

For cleaning, do not use any of the following:

- Water hotter than 40°C/104°F
- Volatiles liquid such as benzene, gasoline and thinner
- Polishing compounds
- Rough materials such as a scrubbing brush

**Adjusting the Airflow Direction**

**To change the air flow direction**

1. Press **SWING** button.

**To set the flap at the desired position**

1. Press **FLAP** button when the flap reached the desired position.

**Notes**

- Always use the remote controller to adjust the swing angle. Any manual adjustment may break the mechanism of the swing control.
- Cooling and heating effect at different step angle will be affected by different air flow rate.

**ECONO Operation**

**To start ECONO operation**

1. Press **ECONO** button.

**To cancel ECONO operation**

2. Press **ECONO** button.

**Notes on ECONO operation**

- Pressing **ECONO** causes the setting to be cancelled and **ECONO** disappears from the LCD.
- Cooling and heating effect will be affected from the fan speed.
- ECONO operation will be stopped if POWERFUL operation is activated.
- ECONO only available in COOL, DRY, HEAT & AUTO mode.

**SLEEP Operation**

**To start SLEEP operation**

1. Press **SLEEP** button.

**To cancel SLEEP operation**

2. Press **SLEEP** button.

**Notes on SLEEP operation**

- Pressing **SLEEP** causes the setting to be cancelled and **SLEEP** disappears from the LCD.
- This operation automatically adjust the set temperature of the air conditioner to provide a comfort sleeping environment.

Set Temperature +1.0°C

Enable SLEEP function

**Notes on SLEEP operation**

- SLEEP only available in COOL and HEAT mode.

**Air filter**

1. Pull out the air filters.

2. Wash the air filters with water or clean them with vacuum cleaner.

3. Set the filters as they were and close the front panel slowly.

**CAUTION**

- Do not touch the aluminium fins by bare hand at the time of dismounting or mounting the filter.

**Titanium apatite deodorizing filter**

1. Take off the titanium apatite deodorizing filter.

2. Clean or replace the titanium apatite deodorizing filter.

3. Set the filters as they were and close the front panel.

**REMOTE CONTROLLER OVERVIEW**

**Display (LCD)**

**ON/OFF Button**

**FAN Button**

**SLEEP Button**

**CLOCK Button**

**CANCEL Button**

**ON Timer Button**

**OFF Timer Button**

**IR Signal Transmitter**

**Temperature Setting Button**

**MODE Button**

**SWING Button**

**POWERFUL Button**

**ECONO Button**

**UP & DOWN Adjustment Button for Timer**

**Preparation Before Operation**

**To operate the remote controller**

**To fix the remote controller holder on the wall**

**About remote controller**

**To set the clock**

**Notes on the operating conditions**

**How to open Front Panel**

1. Open the front panel.

2. Remove the front panel.

3. Attach the front panel.

**CAUTION**

- Don't touch the metal parts of the indoor unit. It may cause an injury.
- When removing or attaching the front panel, support the panel securely with hand to prevent it from falling.
- For cleaning, do not use hot water above 40°C, benzene, gasoline, thinner, nor other volatile oils, polishing compound, scrubbing brushes, nor other hard stuff.
- After cleaning, make sure that the front panel is securely fixed.

**When the Unit is Not To Be Used For An Extended Long Period Of Time**

1. Operate the unit for 2 hours with the following setting.

2. Remove the power plug.

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**Preparation Before Operation**

**Accessories**

**To set the batteries**

**Disposal Requirements**

**About batteries**

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**When the Unit is Not To Be Used For An Extended Long Period Of Time**

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- After cleaning, make sure that the front panel is securely fixed.

**TROUBLESHOOTING**

For any enquiries on spare parts, please contact your authorized dealer. If any malfunction of the air conditioner unit is noted, immediately switch off the power supply to the unit. Check the following fault conditions and causes for some simple troubleshooting tips.

Fault	Causes / Action
1. The compressor does not operate 3 minutes after the air conditioner unit is started.	- Protection against frequent starting. Wait for 3 to 4 minutes for the compressor to start operating. - Power failure, or the fuse need to be replaced. - The power plug is disconnected. - It is possible that your delay timer has been set incorrectly. - If the fault persists after all these verifications, please contact the air conditioner unit installer.
2. The air conditioner unit does not operate.	- The air filter is dirty. - The doors or windows are open. - The air suction and discharge are clogged. - The regulated temperature is not high enough.
3. The air flow is too low.	- This is caused by air humidity after an extended long period of operation. - The set temperature is too low, increase the temperature setting and operate the unit at high fan speed.
4. Discharge air flow has bad odor.	- Odors may be caused by cigarettes, smoke particles, perfume etc. which might have adhered onto the coil. - Switch off power and call dealer.
5. Condensation on the front air grille of the indoor unit.	- The air humidity after an extended long period of operation. - The set temperature is too low, increase the temperature setting and operate the unit at high fan speed.
6. Water flowing out from the air conditioner unit.	- Switch off power and call dealer.

**If the fault persists, please call your local dealer / serviceman.**

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