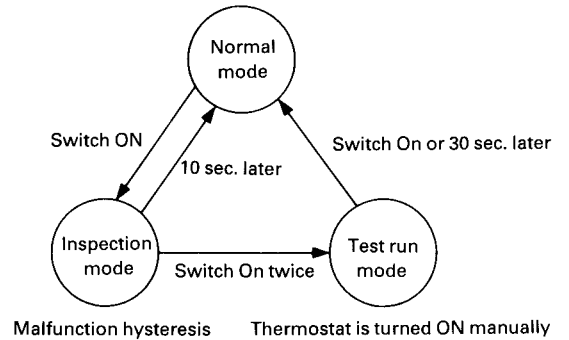


3. Procedure of self-diagnosis by remote controller

The INSPECTION/TEST button

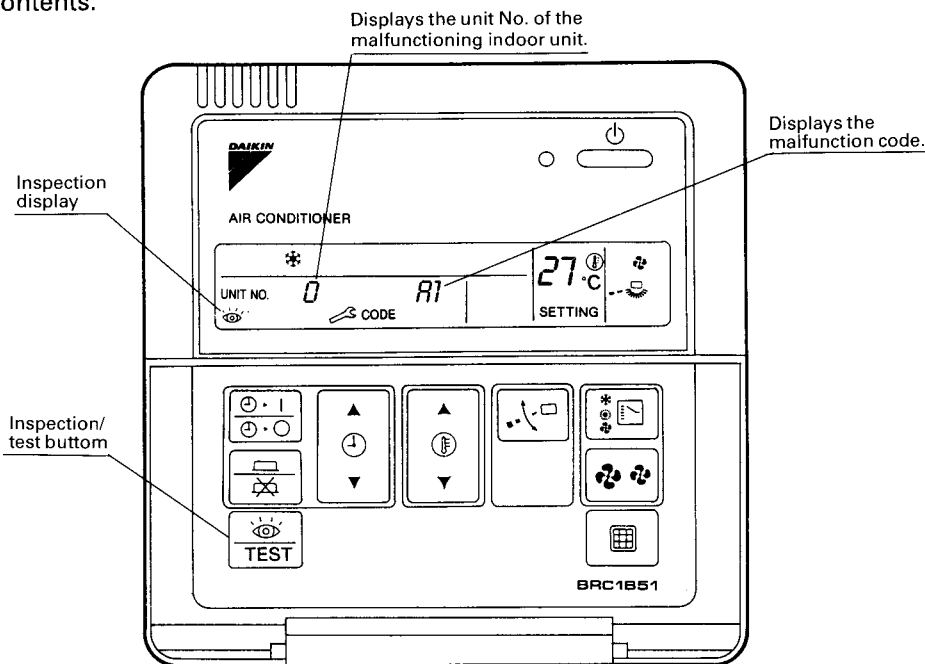
By turning the remote controller's inspection/test button ON, you can change the mode as shown in the figure on the right.

- ※ When in the inspection mode, malfunction contents can be cleared by continuing to press the ON/OFF button for 5 seconds.
(Lets you know completion timing by blinking.)
- ※ To carry out a test run, follow the procedure below.
 1. Open the gas side stop valve all the way.
 2. Open the liquid side stop valve all the way.
 3. Energize the crank case heater for 6 hours.
 4. Enter the test run mode.
 5. Continue to operate by the operation switch for 3 minutes.
 6. Enter the normal mode.
 7. Check the functions according to the operation manual.



Self-diagnosis by wired remote controller

If operation stops due to malfunction, the remote controller's operation LED blinks, and malfunction code is displayed. (Even if stop operation is carried out, malfunction contents are displayed when the inspection mode is entered.) The malfunction code enables you to tell what kind of malfunction caused operation to stop. See page 38 for malfunction code and malfunction contents.



Self-diagnosis by wireless remote controller

If operation stops due to malfunction, the light reception section operation LED blinks. The malfunction code can be decided by the following procedure. (If operation stops due to malfunction, you can find out the cause by checking the malfunction code, or you can find out what the most recent malfunction code is during normal operation.)

1. Push INSPECTION/TEST, and select "inspection."
Operation then enters the inspection mode. "UNIT" lights and unit No. display "0" blinks.

2. Unit No. setting

Change the unit No. by pushing the "advance" or "backward" button, and continue pushing until the buzzer (※1) sounds from the indoor unit.

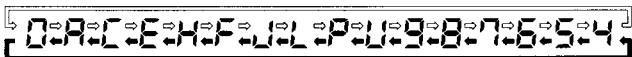
※1 Buzzer sound times

3 times : Carry out all of the following operations.

1 time : Carry out operations 3 and 4. Carry out operation 4 until the buzzer sounds continuously. When the buzzer sounds continuously, the malfunction code is set.

Continuous: There is no malfunction.

- The upper digit of the code changes as shown below by pushing the "advance" or "backward" button.



⇒ "Advance" button ← "Backward" button

3. Push the operation mode selector button.

The "0" (upper digit) on the left side of the malfunction code blinks.

4. Malfunction code upper digit diagnosis

Push the "advance" or "backward" button until the malfunction code matching buzzer (※2) sounds and select the malfunction code upper digit.

※2 Buzzer sound times

Continuous: Both upper and lower digit agree.
(Malfunction code set)

2 times : Upper digit agrees

1 time : Lower digit agrees

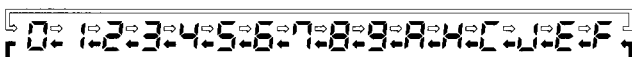
5. Push the operation mode selector button.

The "0" (upper digit) on the right side of the malfunction code blinks.

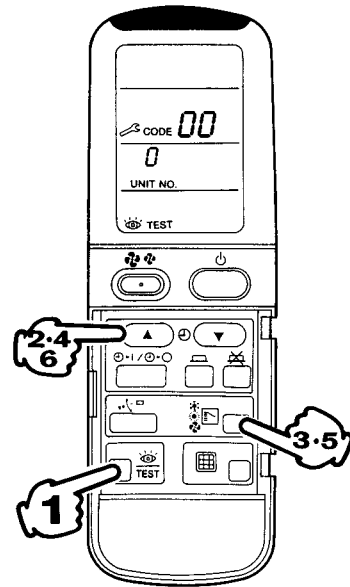
6. Malfunction code lower digit diagnosis

Push the "advance" or "backward" button until the malfunction code matching buzzer sounds continuously, and select the malfunction code lower digit.

- The lower digit of the code changes as shown below by pushing the "advance" or "backward" button.

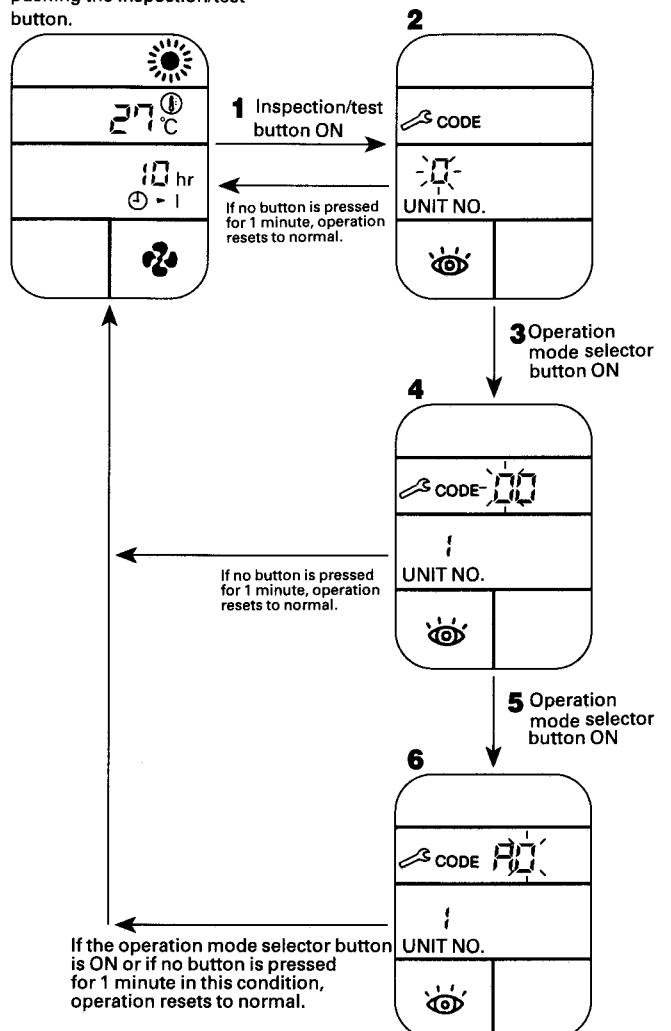


⇒ "Advance" button ← "Backward" button



Normal status

You can enter the inspection mode from normal status by pushing the inspection/test button.



Remote controller display malfunction code and contents

Malfunction code	Contents/processing	Remarks
A1	Failure of PC board ass'y for indoor unit	
A3	Malfunction of water level system	
A6	Indoor unit fan motor overload / overcurrent / lock	
A7	Swing flap motor lock	Only Air flow direction adjustment cannot be set.
AF	Drain pipe problem	Happens when at thermo-off the float switch opens a few seconds after the pump was stopped.
AJ	Failure of capacity setting	Either capacity data is set incorrectly, or capacity has not been set for the data IC.
C4	Malfunction of heat exchanger temperature sensor system	
C9	Malfunction of suction air temperature sensor system	
E0	Actuation of safety device (outdoor unit)	
E1	Failure of outdoor unit PC board ass'y	
E3	High pressure malfunction (outdoor unit)	
E4	Low pressure malfunction (outdoor unit)	
E9	Malfunction of electronic expansion valve (outdoor unit)	
F3	Discharge pipe temperature malfunction (outdoor unit)	
H3	Failure of high pressure switch (outdoor unit)	
H4	Failure of low pressure switch (outdoor unit)	
H9	Malfunction of outdoor air temperature sensor system (outdoor unit)	(Note 1)
H9	Malfunction of outdoor air temperature sensor system (outdoor unit)	(Note 1)
J3	Malfunction of discharge pipe temperature sensor system (outdoor unit)	
J5	Malfunction of suction pipe temperature sensor system (outdoor unit)	
J6	Malfunction of heat exchanger temperature sensor system (outdoor unit)	(Note 1)
J6	Malfunction of heat exchanger temperature sensor system (outdoor unit)	(Note 1)
PJ	Failure of capacity setting (outdoor unit)	Either capacity data is set incorrectly, or capacity has not been set for the data IC.
U0	Malfunction of suction pipe temperature	
U1	Reverse phase	Switch R.S.T. of the 3-phase power supply.
U4	Failure of transmission (between indoor and outdoor unit)	Transmission between indoor and outdoor unit is not being correctly carried out.
U5	Failure of transmission (between indoor unit and remote controller)	Transmission between indoor and remote controller is not being correctly carried out.
U8	Wrong master/slave setting	When using two remote controls one should be set to slave and one to master.
UA	Failure of field setting	System setting mistake for Twin system.
UC	Address duplication of central remote controller	
UF	Wrong wiring	UF will appear if 1 & 3 wire connections are switched and outdoor is a cooling only model with printed circuit board.

* In the case of the blackened error codes, "inspection" is not displayed. The system operates, but be sure to inspect and repair it.
 Note 1). Operation when a malfunction occurs may differ according to the model.