

Daikin Trouble Shooting Guide

Past & Current Models

Daikin Fault Codes

Indoor Fault Codes

Fault Code	Definition	Supposed Causes	Split	Skyair	VRV	Package
A0	External protection active	External protection wired to T1-T2 active		•	•	•
A1	Failure of indoor PCB	Defect of PCB or noise	•	•	•	•
A3	High water level	Float switch open circuit	•	•	•	
A5	HP control in heating or freeze protection in cooling	Poor airflow, short circuit, EEV, refrigerant charge, indoor coil sensor incorrect value	•			
A6	Fan motor failure	Locked, over current, over load	•	•	•	•
A7	Failure of louvre motor	Louvre motor/indoor PCB failed		•	•	
A8	Failure of power supply	Over current of AC input, defect of supply		•	•	
A9	EEV failure	Defect of EEV motor, indoor PCB		•	•	
AF	High water level	Float switch open circuit while thermo off		•	•	
AH	Failure of dust collector	Defect of dust collecting element, PCB	•	•	•	
AJ	Capacity setting error	Capacity setting adaptor missing		•	•	•
C1	Communication failure. Between main-sub PCB	Failure of communication fan motor control driver		•	•	
C4	Indoor coil sensor	Open/short circuit	•	•	•	•
C5	Suction pipe sensor	Open/short circuit	•		•	•
C6	Failure of fan motor driver	Defect of fan motor sensor, control driver		•	•	
C7	Front panel driving motor fault	Defect of limit switch, front panel driving motor	•			
C9	Return air sensor fault	Return air sensor open/short circuit	•	•	•	•
CA	Discharge air sensor fault	Discharge air sensor open/short circuit		•	•	
CC	Failure of humidity sensor	Failed humidity sensor	•	•		
CJ	Failure of remote sensor	Defect of remote controller sensor		•	•	

Daikin Fault Codes

Outdoor Fault Codes

Fault Code	Definition	Supposed Causes	Split	Skyair	VRV	Package
E0	Protection devices tripped	Outdoor safety device tripped		•	•	•
E1	Failure of outdoor PCB	Defect of PCB or noise	•	•	•	•
E3	High pressure	High pressure switch tripped	•	•	•	
E4	Low pressure	Low pressure switch tripped		•	•	•
E5	Inverter compressor lock	Inverter compressor locked		•	•	•
E5	Inverter compressor to hot	Compressor windings too hot	•			
E6	DOL compressor locked	High current draw	•	•	•	•
E7	Fan motor failure	Failed fan motor, PCB	•	•	•	•
E8	Inv compressor high current	Compressor, PCB	•	•	•	
E9	EEV motor failure	EEV motor, PCB		•	•	•
EA	4-way valve failure	Defect of valve, PCB, sensor	•			
EC	Inlet water temperature	Abnormal water temperature			•	
EF	Thermal storage unit defect	Thermal storage EEV, PCB, sensor			•	
F3	High discharge temperature	Discharge temperature over 110°C	•	•	•	•
F6	High pressure in cooling	Detected by outdoor coil sensor	•			
F6	Over charged	Refrigerant over charge			•	•
H0	Compressor sensor system	All sensors disconnected	•			
H1	Failure of humidifier damper	Defect of limit switch/damper	•			
H3	Failure of hp switch	High pressure switch open circuit	•	•	•	•
H4	Failure of lp switch	Low pressure switch open circuit		•	•	
H5	Failure of compressor sensor	Defect of compressor overload sensor	•			
H6	Compressor position failure	Position detection error	•			
H7	Failure of fan motor signal	Defect of fan motor, PCB		•	•	•
H8	Compressor input error	Defect of transistor, PCB, reactor	•			
H9	Failed ambient sensor	Sensor open short circuit	•	•	•	•
J1	Failed pressure sensor	Pressure sensor failed		•	•	
J2	Failed current sensor	Defect of current sensor, PCB, compressor		•	•	•
J3	Failed discharge pipe sensor	Discharge pipe sensor open/short circuit	•	•	•	•
J4	Failed outdoor coil vapour sensor	Sensor open/short circuit	•		•	
J5	Failed suction pipe sensor	Sensor open/short circuit	•	•	•	•
J6	Failed outdoor coil sensor	Sensor open/short circuit	•	•	•	•
J7	Failed liquid pipe sensor	Sensor open/short circuit		•	•	•
J8	Failed liquid pipe sensor	Sensor open/short circuit		•		
J9	Failed sub cool heat exchanger sensor	Sensor open/short circuit	•	•	•	•
JA	Failed high pressure sensor	High pressure sensor open/short circuit		•	•	•
JC	Failed low pressure sensor	Low pressure sensor open/short circuit		•	•	•
JH	Failed oil temperature sensor	Open/short circuit			•	

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Outdoor Fault Codes

Fault Code	Definition	Supposed Causes	Split	Skyair	VRV	Package
L0	Failure of inverter system	Defect power transistor, inverter PCB			•	
L1	Failure of inverter PCB	Blown fuse, defect of inverter PCB, fan motor		•	•	
L3	Electrical box temperature over 120°C when comp' off	Defect of fan motor, PCB, power transistor	•			
L4	Fin temperature over 93°C	Failed sensor, short circuit of airflow	•	•	•	•
L5	Inverter instantaneous DC over current	Defect of inverter PCB, compressor lock/windings	•	•	•	•
L6	Inverter instantaneous AC over current	Defect of inverter unit, compressor lock/windings			•	
L8	Over current of inverter compressor	Defect of inverter PCB compressor lock/ windings		•	•	•
L9	Inverter compressor start-up failure	Defect of inverter PCB compressor lock/ windings, refrigerant charge		•	•	•
LA	Failure of power transistor	Defect of power transistor, PCB, compressor			•	
LC	Communication fails between PCB & micro-computer	Noise, defect of PCB	•			
LC	Communication fails between main & inverter PCB	Defect of inverter PCB, main PCB, fan PCB, noise filter, compressor		•	•	•
P1	Imbalance of power supply	Open phase, imbalance between phases, Defect of main capacitor, inverter PCB		•	•	•
P2	Automatic refrigerant charge operation stop	Closed stop valve, closed refrigerant cylinder valve			•	
P3	Rise in electrical box temperature	Defect of fin sensor, PCB, rise in ambient temperature	•	•		
P4	Failed radiating fin sensor	Sensor open/short circuit	•	•	•	•
P8	Coil freeze protection during Automatic charging	Close refrigerant cylinder and start again			•	
P9	Failure of humidifier fan motor	Defect of fan motor, PCB	•			
P9	Automatic charge operation completed				•	
PA	Broken humidifier heater wire	Blown thermal fuse, broken heater element	•			
PA	Refrigerant cylinder empty	Cylinder on master unit empty			•	
PC	Refrigerant cylinder empty	Cylinder on slave unit empty			•	
PE	Auto charge nearly completed				•	
PH	Humidifier outlet temperature sensor /abnormal heater temp'	Sensor open/short circuit, defect of PCB, defect of heater unit	•			
PJ	Capacity not set	Capacity setting adaptor not fitted		•		
PJ	Capacity setting error	Incorrect capacity setting			•	•

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System Fault Codes

Fault Code	Definition	Supposed Causes	Split	Skyair	VRV	Package	HRV
U0	Shortage of refrigerant	Undercharged, EEV fault, faulty sensor	•	•	•	•	
U1	Reverse or missing phase	Reversed or missing phase	•	•	•	•	
U2	Power supply fault	Power supply fault, capacitor wiring error	•	•	•	•	
U3	Check operation not executed	Check operation not carried out at commissioning or after main PCB replaced			•		
U4	Communication failure, between indoor & outdoor	Wiring fault, defect of PCB, pump wired across communication wiring	•	•	•	•	•
U5	Communication failure, between r/controller & PCB	Wiring fault, defect of Remote controller & PCB	•	•	•	•	•
U6	Communication failure between indoor units	Wiring fault, defect of indoor PCB			•		
U7	Communication failure, between outdoor PCB's	Defect of outdoor PCB, wiring error between PCB's	•				
U7	Communication failure between outdoor units	Wiring error between outdoor units, defect of outdoor PCB		•	•		
U8	Communication failure between remote controllers	Main/sub switch not set, wiring error, defect of remote controller		•	•	•	•
U9	System communication failed	Fault with other indoor unit, no power, A9			•		
UA	Improper combination	Incorrect field setting, wiring, defect of PCB	•				
UA	Incorrect field setting	Field setting incorrect (twin/triple), error in Wiring, defective PCB	•				
UA	Improper combination of Indoor/outdoor units	Excess of indoor units, incorrect PCB Setting, defective PCB			•	•	•
UC	Error in address setting	Duplicated central control address		•	•	•	•
UE	Communication failure between indoor central device	Wiring error between indoor unit & central control, defect of indoor PCB, setting error		•	•	•	•
UF	Wiring/piping mismatch	Wiring error indoor to outdoor, PCB defect		•	•	•	
UH	System malfunction	Unaddressed indoor unit			•	•	
UH	System malfunction	Mismatched indoor/outdoor, freeze protect	•				
UJ	Communication failure	Defect of accessory device, wiring error			•		
M1	Central controller failed	Failure of central controller PCB	•	•	•	•	•
M8	Communication failure between central & options	Communication failed between central controller & optional controllers	•	•	•	•	•
MA	Improper combination of optional controllers	Incorrect settings, faulty central controller	•	•	•	•	•
MC	Duplicated address	Duplicated central controller address	•	•	•	•	•
60	Overall alarm	Open circuit across J1-JC					•
64	Failed return air sensor	Sensor open/short circuit					•
65	Failed ambient sensor	Sensor open/short circuit					•
6A	Failure of damper system	Defect of damper motor, limit switch, PCB					•

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Fault Code Retrieval with Infra-Red Remote Controller

In the ARC433A series, the temperature display sections on the main unit indicate corresponding codes.

1. When the timer cancel button is held down for 5 seconds, a "00" indication flashes on the temperature display section.
 2. Press the timer cancel button repeatedly until a continuous beep is produced.
- The code indication changes in the sequence shown below And notifies with a long beep.

No.	Code	No.	Code	No.	Code
1	00	11	E7	21	UA
2	U4	12	C7	22	A5
3	F3	13	H8	23	J9
4	E6	14	J8	24	E8
5	L5	15	A3	25	P4
6	R6	16	A1	26	L3
7	E5	17	C4	27	L4
8	LC	18	C5	28	H6
9	C9	19	H9	29	H7
10	UC	20	J6	30	U2

1. A short beep and two consecutive beeps indicate non-corresponding codes.
2. To cancel the code display, hold the timer cancel button down for 5 seconds. The display also cancels itself if the button is not pressed for 1 minute.

00



Time
Cancel
Button

SkyAir, VRV Infra-Red Remote Controller Wireless Controllers - Fault diagnostics

1. Press the Inspection/ Test button to select "Inspection". The equipment enters the inspection mode. The "Unit" indication lights and the Unit No. display shows a flashing "0" indication.
2. Set the Unit No. by pressing the UP/DOWN button & change the Unit No. display until a short beep is generated by the indoor unit.
3. Press the MODE button. The left "0" flashes.
4. Press the UP/DOWN button & change display until 2 short Beeps are heard. First part of fault code.
5. Press the MODE button. The right "0" flashes.
6. Press the UP/DOWN button & change the display until 1 short beep is heard or a continuous beep is heard indicating both digits match the fault code.

