

Daikin Altherma Low and High Temperature Heat Pump

Division/Code	0	1	2	3	4	5	6	7	8	9	A	C	F	H	J	
Indoor Unit	A		A1 Indoor unit HT & LT: Printed circuit board defect			A5 Indoor unit LT: Liquid sensor error, check the water flow rate, water temp too low and make sure the resistance is ok	A6 Indoor unit HT: Water pump error			A9 Indoor unit HT: Expansion valve drive error R410A circuit	AA Indoor unit LT: Thermal protector in back up heater open, flow rate too low, back up heater welded, air in back up heater	AC Indoor unit LT: Thermal protector in cylinder open, cylinder over heat. Check terminals 13 & 14 on hydrobox and terminals 3 & 4 on cylinder				AJ Indoor unit HT: Capacity plug missing
	C	C0 Indoor unit LT: Water pump stopped but flow switch still made, faulty flow switch or external pump requires electrical interlock	C1 Indoor Unit HT: Failure of transmission between the indoor printed circuit board and control board			C4 Indoor unit HT: Malfunction of thermister (R3T), liquid thermister (R410A). C4 Indoor unit LT: Malfunction of liquid thermistor (R410A)	C5 Cylinder HT: Malfunction of tank thermistor (R2T)			C9 Indoor unit HT: Return water temperature thermistor fault (R4T)	CA Indoor unit HT: Leaving water temperature thermistor error (R5T)					CJ Indoor unit HT: Malfunction of thermostat sensor in the remote controller
Outdoor Unit	E	E1 Outdoor unit HT & LT: Printed circuit board defect. E1-3 Indoor unit HT: Pcb defect		E3 - 1 Outdoor unit HT & LT: High Pressure. E3 - 12 Indoor unit HT (R134A): High pressure	E4 Outdoor unit HT & LT: Low Pressure (R410A). E4-6 Indoor unit HT: Low pressure (R134A)	E5 Outdoor unit HT & LT: Compressor lock or service valves shut (R410A). E5-6 Indoor unit HT: Compressor lock (R134A)	E6 Outdoor unit LT: Compressor malfunction, over current, failed to start	E7 Outdoor unit HT & LT: Fan motor malfunction or locked	E8 Outdoor unit LT: Compressor malfunction, over current, failed to start	E9 Outdoor unit HT & LT: Expansion valve drive error (R410A). E9-17 Indoor unit HT: Expansion valve drive error K2E (R134A)	EA Outdoor unit LT: 4 way valve failed to change over or indoor liquid line thermistor fault	EC Cylinder LT: Domestic hot water cylinder thermistor fault >89°C				
	F			F3 Outdoor unit HT & LT: Abnormal discharge pipe temperature or faulty thermistor (R410A). F3-19 Indoor unit HT: Abnormal discharge pipe temperature (R134A)			F6 Outdoor unit LT: Condensing temperature too high or faulty thermistor (R410A)									
	H	H0 Outdoor unit LT: Current sensor faulty, compressor disconnected or faulty outdoor printed circuit board (R410A)			H3 Outdoor unit LT: High pressure switch activation, possible faulty HP switch or faulty printed circuit board (R410A)			H6 Outdoor unit LT: Compressor start up failure (R410A)	H8 Outdoor unit LT: Current transformer failure, outdoor printed circuit board fault (R410A)	H9 Outdoor unit HT & LT: Malfunction of outside air thermistor R1T (R410A)		HC Cylinder LT: Domestic hot water cylinder thermistor fault				
	J	J1 Outdoor unit LT: Pressure sensor malfunction, pressure transducer (R410A)			J3 Outdoor unit HT & LT: Malfunction of the discharge pipe thermistor (R410A). J3-46 Indoor unit HT: Malfunction of the discharge pipe thermistor R6T (R134A)		J5 Outdoor unit HT & LT: Suction pipe thermistor error R3T R5T (R410A). J5 Indoor unit HT: Suction pipe thermister error R7T (R134A)	J6 Outdoor unit HT & LT: Malfunction of thermistor for outdoor heat exchanger (R410A)	J7 Outdoor unit HT & LT: Malfunction of liquid pipe thermistor on outdoor coil (R410A)	J8 Outdoor unit LT: Malfunction of liquid pipe thermistor on outdoor coil (R410A)	J9 Outdoor Unit HT: Malfunction of thermistor for subcooling heat exchanger gas pipe R4T (R410A)	JA Outdoor unit HT: Malfunction of high pressure sensor X17A (transducer) (R410A). JA-16 Indoor unit HT: Malfunction of high pressure sensor X17A (transducer) (R134A)	JC Outdoor unit HT: Malfunction of low pressure sensor X18A (transducer) (R410A). JC-16 Indoor unit HT: Malfunction of low pressure sensor X18A (transducer) (R134A)			

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Simple Self-Diagnosis by Fault Code

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Division/Code	0	1	2	3	4	5	6	7	8	9	A	C	F	H	J
Outdoor Unit	L	L1 Outdoor unit HT & LT: Malfunction of printed circuit board A1P (R410A). L1-30 Indoor unit HT: Malfunction of printed circuit board A4P (R134A)		L3 Outdoor unit LT: Electrical switch box temperature rise >85°C (R410A)	L4 Outdoor Unit HT & LT: Malfunction of inverter radiating fin temperature rise >83°C (R410A). L4-8 Indoor Unit HT: Malfunction of inverter radiating fin temperature rise >83°C R8T (R134A)	L5 Outdoor Unit HT & LT: Malfunction of inverter compressor lock, over current (R410A). L5-13 Indoor Unit HT: Malfunction of inverter compressor lock, over current (R134A)			L8 Outdoor Unit HT & LT: Malfunction of inverter compressor overload, current abnormal (R410A) L8-10 Indoor Unit HT: Malfunction of inverter compressor overload, current abnormal (R134A)	L9 Outdoor Unit HT & LT: Malfunction of inverter start up, defect compressor or differential, stall prevention (R410A). L8-9 Indoor Unit HT: Malfunction of inverter compressor or differential, stall prevention (R134A)		LC Outdoor Unit HT & LT: Malfunction of transmission between inverter and control board A1P or A2P (R410A). LC-29 Indoor Unit HT: Malfunction of transmission between inverter and control board A4P or A5P (R134A)		LH-2 Indoor Unit HT: Malfunction of inverter pcb (R134A)	
	P	P1 Outdoor unit HT & LT: High Voltage of capacitor in main inverter circuit (R410A). P1-6 Indoor unit HT: High Voltage of capacitor in main inverter circuit (R134A)			P4 Outdoor unit LT: Electrical switch box fin thermistor fault (R410A)										PJ Indoor unit LT: Capacity adapter not installed (R410A) PJ-11 Indoor unit HT: Incorrect combination of indoor printed circuit board or capacity adapter not installed (R134A)
System	U	U0 Outdoor unit HT & LT: Low pressure drop due to refrigerant shortage or electronic expansion valve failure (R410A)		U2 Outdoor unit HT & LT: Power supply insufficient or instantaneous failure, low or high voltage detected (R410A). U2-20 Indoor unit HT: Power supply insufficient or instantaneous failure, low or high voltage detected. U2-20 Indoor unit HT: High low voltage problem. U2-21 Indoor unit HT Converter problem (R134A)	U4 Outdoor Unit HT & LT: Malfunction of transmission between indoor and outdoor unit (R410A). U4-4 Indoor Unit HT: Malfunction of transmission between the indoor and outdoor unit. U4-4 Indoor Unit HT: DIII Communication error (R134A)	U5 Indoor Unit HT & LT: Malfunction of transmission between the remote control and indoor unit. U5-0 Indoor Unit HT: Malfunction of transmission between the remote controllers main and sub controller (R134A)		U7 Outdoor Unit LT: Signal transmission failure on outdoor printed circuit board faulty, try to reset (R410A)	U8 Indoor Unit HT: Malfunction of transmission between the main and sub controller (R134A)		UA Indoor Unit HT: Excessive number of indoor units or mis matched board replaced and capacity not set (R134A) UA-13 Outdoor Unit HT: Excessive number of indoor units or mis matched board replaced and capacity not set (R410A) UA Indoor & Outdoor Unit LT: Interconnecting wiring crossed (R410A)		UF Indoor Unit HT: Unit has not been initialised up to 10 minutes. UF-6 Indoor Unit HT: QA wiring problem. UF-10 Indoor Unit HT: Transmission problem with outdoor unit (R134A) (R410A) UF Outdoor Unit LT: Transmission problem between indoor & outdoor unit or gas shortage (R410A)	UH-0 Indoor Unit HT: Defect of transmission wiring, indoor printed circuit board failure or outdoor printed circuit board failure (R134A) (R410A)	
	7														7H Indoor unit LT: Flow switch activated, water flow rate too low or blocked inlet strainer
Others	8	80 Indoor unit LT: Inlet water temperature thermistor error	81 Indoor unit LT: Outlet water temperature thermistor error							89 Indoor unit LT: Outlet water temperature thermistor error, freeze up or water temperature too low				8H Indoor unit LT: Outlet water temperature too high, back up heater welded shut or thermistor out of calibration	

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