RA, SkyAir, *VRV*, PA, and Heat Reclaim Ventilator

Division	Detail code	0	1	2	3	4	5	6	7	8	9	A	C	E	F	H	J
Indoor Unit	A	External protection device activated	Malfunction of indoor unit PCB		Drain Level Control System Abnormality	Malfunction of freezing protection	High pressure control in heating, freeze-up protection control in cooling	Malfunction of fan motor	Malfunction of swing flap motor	Malfunction of power supply or AC input overcurrent	Malfunction of electronic expansion valve	Heater overheat	Stop due to low water level	Low water level - no water supply	Malfunction of a humidifier system	Malfunction of dust collector of air cleaner	Malfunction of capacity setting (Indoor unit PCB)
	C	Malfunction of sensor system (unified)	Failure of transmission (between indoor unit PCB and sub PCB)		Malfunction of drain level sensor	Malfunction of liquid pipe thermistor for heat exchanger	Malfunction of gas pipe thermistor for heat exchanger	Malfunction of fan motor sensor or fan control driver	Front panel driving motor fault	Malfunction of AC input current sensor system	Malfunction of suction air thermistor	Malfunction of discharge air thermistor	Malfunction of humidity sensor system	Malfunction of switch box thermistor	Malfunction of high pressure switch		Room temperature thermistor in remote controller abnormality
Outdoor Unit	E	Protection devices activated (unified)	Defective outdoor unit PCB	Missing of earth leakage detection core	Actuation of high pressure switch (HPS)	Actuation of low pressure switch (LPS)	Inverter compressor motor or overheat	STD compressor motor overcurrent/ lock	Malfunction of outdoor unit fan motor system	Overcurrent of inverter compressor	Malfunction of electronic expansion valve coil	Malfunction of four way valve or cool/ heat switchin	Malfunction of entering water temperature	Malfunction of drain water level	Malfunction of thermal storage unit	Malfunction of cooling water pump	Actuation of option protection device
	F				Malfunction of discharge pipe temperature	Wet alarm		Abnormal high pressure or refrigerant overcharged				Abnormal high pressure actuation of HPS		Abnormal oil pressure	Abnormal oil level or shortage of oil	Abnormal high temperature of refrigerant oil	Abnormal exhaust temperature of engine
	H	Malfunction of sensor system of compressor	Malfunction of room temperature sensor or humidifier unit damper	Malfunction of power supply sensor	Malfunction of high pressure switch (HPS)	Malfunction of low pressure switch (LPS)	Malfunction of compressor motor overload thermistor	Malfunction of position detection sensor	Malfunction of outdoor unit fan motor signal	Malfunction of compressor input (CT) system	Malfunction of outdoor air thermistor	Malfunction of discharge air thermistor	Malfunction of (hot) water temperature thermistor	Malfunction of drain water level sensor	Alarm in thermal storage unit or storage controller	High room temperature alarm	Malfunction of thermal storage tank water level
	J	Miswiring of thermistor	Malfunction of pressure sensor	Malfunction of current sensor of compressor	Malfunction of discharge pipe thermistor	Malfunction of low pressure equivalent saturated temperature sensor system	Malfunction of suction pipe thermistor	Malfunction of heat exchanger thermistor	Malfunction of thermistor (Refrigerant circuit)	Malfunction of thermistor (Refrigerant circuit)	Malfunction of thermistor (Refrigerant circuit)	Malfunction of high pressure sensor	Malfunction of low pressure sensor	Malfunction of oil pressure sensor or sub-tank thermistor	Malfunction of oil level sensor or heating heat exchanger thermistor	Malfunction of oil temperature thermistor	Malfunction of engine room temperature sensor or exhaust temperature
	L	Malfunction of inverter system	Malfunction of inverter PCB		El.compo. box temperature rise	Malfunction of inverter radiation fin temperature rise	Inverter instantaneous overcurrent (DC output)	Inverter instantaneous overcurrent (AC output)	Total input overcurrent	Malfunction of overcurrent inverter compressor	Malfunction of inverter compressor startup error (Stall prevention)	Malfunction of power transistor	Malfunction of transmission between control and inverter PCB	Malfunction of igniter system	Engine startup error	Malfunction of generator converter	Engine stop
	P	Shortage of refrigerant amount (thermal storage unit)	Power voltage imbalance or inverter PCB	Automatic refrigerant charge operation stop	Malfunction of thermistor in switch box	Malfunction of radiation fin temperature sensor	Malfunction of DC current sensor	Malfunction of AC or DC output current sensor	Malfunction of total input current sensor	Heat exchanger freezing protection during automatic refrigerant charging	Automatic refrigerant charge operation completed	Refrigerant cylinder during automatic refrigerant charging	Refrigerant cylinder during automatic refrigerant charging	Automatic refrigerant charge operation nearly completed	Malfunction of starter actuation	Refrigerant cylinder during automatic refrigerant charging	Improper combination between inverter and fan driver
System	U	Shortage of refrigerant	Reverse phase, open phase	Malfunction of power supply or instantaneous power failure	Check operation not executed or transmission error	Malfunction of transmission between indoor and outdoor unit	Malfunction of transmission between indoor unit and remote controller	Malfunction of transmission between indoor units	Malfunction of transmission between outdoor units or outdoor storage unit	Malfunction of transmission between remote controllers	Malfunction of transmission (other system)	Improper combination of indoor and outdoor units	Malfunction of setting of centralized control equipment address	Malfunction of transmission between indoor unit and centralized control equipment	System is not set yet	Malfunction of system	Malfunction of transmission (accessory device)
	M		Malfunction of central remote controller PCB							Malfunction of transmission between optional controllers for centralized control		Improper combination of optional controllers for centralized control	Address duplication, improper setting				
Others	6	External protection device activated (Heat reclaim ventilator)	Malfunction of PCB	Ozone density abnormal	Contaminated sensor error	Malfunction of indoor air thermistor (Heat reclaim ventilator)	Malfunction of outdoor air thermistor (Heat reclaim ventilator)	Supply air passage closed	Exhaust air passage closed	Malfunction of dust collection unit (Heat reclaim ventilator)		Malfunction of damper system (Heat reclaim ventilator)	Replace the humidify element	Replace the deodorising catalyst	Simplified remote controller malfunction (Heat reclaim ventilator)	Door switch open (Heat reclaim ventilator)	Replace the high efficient filter
	8									Micro-computer initialization							
	9					Malfunction of transmission (between heat reclaim ventilator and fan unit)											