

Midea air conditioner error codes

The tables below contain lists of error codes for several models of the Midea air conditioners. For each error code, there is a short explanation of the type of the malfunction. There are separate tables for the following series of Midea ACs: R series, 9V, 9A, and the Cassette/Ceiling&Floor series. If you're looking for information on AC Outdoor Units, you will also find it below.

FAULT CODE	INDICATING MEANING
First power on, if no address	The timing and operating lamps will be flashed or display FE at the same time
M_Home not matching fault	4 Lamps will be flashed or display HO at the same time
Mode conflict fault	The defrosting lamp will be flashed or display EO
Indoor and outdoor units communication fault	The timing lamp will be flashed or display E1
Indoor unit temperature sensor (T1) fault	The operating lamp will be flashed or display E2
Swinging motor fault	Display E8
Temperature sensor (T2) fault	The operating lamp will be flashed or display E3
Temperature sensor (T2B) fault	The operating lamp will be flashed or display E4
EEPROM fault	The defrosting lamp will be flashed slowly or display E7
Outdoor unit fault	The alarm lamp will be flashed slowly or display Ed
Water level alarm fault	The alarm lamp will be flashed or display EE

Midea air conditioner error code R series

DISPLAY	MALFUNCTION
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DISPLAY	MALFUNCTION
E0	EEPROM parameter error
E1	Indoor / outdoor units communication protection
E2	Zero-crossing signal error
E3	Fan speed out of control
E5	Open or short circuit of outdoor temperature sensor
E6	Open or short circuit of room or evaporator temperature sensor
P0	IGBT over-strong current protection
P1	Over voltage or too under voltage protection
P2	Temperature protection of compressor top.
P4	Inverter compressor drive error

Midea air conditioner error code 9V series

NO.	MALFUNCTION	DEF	TIMER	AUTO	RUN	DISPLAY DIGITAL TUBE
1	EEPROM error	o	o	o	o	E0
2	Indoor / outdoor units communication protection	*	*	*	*	E1
3	Zero-crossing signal error	o	o	*	*	E2
4	Indoor fan speed out of control	o	o	*	*	E3
5	Outdoor unit temp. sensor or connector of temp. sensor is defective	x	o	x	*	E5
6	Open or short circuit of room or evaporator temperature	o	o	o	*	E6
7	Outdoor fan speed out of control	o	o	*	*	E7
8	IBM malfunction or IGBT over-strong current protection	x	x	o	*	P0
9	Over voltage or too under voltage protection	x	o	o	*	P1

NO.	MALFUNCTION	DEF	TIMER	AUTO	RUN	DISPLAY DIGITAL TUBE
10	Temperature protection of compressor top.	o	x	x	*	P2
11	Compressor position protection	o	x	*	*	P4
12	Inverter module protection	x	o	*	*	P5

* Flash (at 0.5Hz, P5 at 0.25Hz) o light x (off)

Midea air conditioner error code 9A series

NO.	MALFUNCTION	DEF	TIMER	AUTO	RUN	DISPLAY DIGITAL TUBE
1	EEPROM error	o	o	o	o	E0
2	Indoor / outdoor units communication protection	*	*	*	*	E1
3	Zero-crossing signal error	o	o	*	*	E2
4	Indoor fan speed out of control	o	o	*	*	E3
5	Outdoor unit temp. sensor or connector of temp. sensor is defective	x	o	x	*	E5
6	Open or short circuit of room or evaporator temperature	o	o	o	*	E6
7	Outdoor fan speed out of control	*	o	*	*	E7
8	IBM malfunction or IGBT over-strong current protection	x	x	o	*	P0
9	Over voltage or too under voltage protection	x	o	o	*	P1
10	Temperature protection of compressor top.	o	x	x	*	P2
11	Compressor position protection	o	x	*	*	P4
12	Inverter module protection	x	o	*	*	P5

* Flash (at 0.5Hz, P5 at 0.25Hz) o light x (off)

Midea air conditioner error code Cassette/Ceiling&Floor series:

Midea air conditioner error codes

OPERATION	TIMER	DE-FROST	ALARM	LED STATUS
*	x	x	x	Indoor room temp. sensor open or short-circuit
x	x	*	x	Indoor pipe temp. sensor open or short-circuit
x	*	x	x	Indoor and outdoor communication error
x	x	x	*	Water level alarm
*	*	x	x	EEPROM error
*	x	x	o	Inverter module protection
*	o	x	x	Outdoor sensor open or short circuit
*	o	x	o	Outdoor voltage protection
*	x	o	x	Compressor top temp. protection
*	x	o	o	Mode conflict
*	x	*	*	Outdoor current protection

* flash, o light, x extinguished

Midea AC Outdoor Units error code (except M50A-36HRDN1-Q model)

DISPLAY	LED STATUS
E0	EEPROM error
E1	No A Indoor unit coil outlet temp. sensor or connector of sensor is defective
E2	No B Indoor unit coil outlet temp. sensor or connector of sensor is defective
E3	No C Indoor unit coil outlet temp. sensor or connector of sensor is defective
E6	No D Indoor unit coil outlet temp. sensor or connector of sensor is defective
E4	Outdoor unit temp. sensor or connector of temp. sensor is defective
E5	Compressor voltage protection
E7	Communication malfunction between outdoor main chip and compressor control chip

DISPLAY	LED STATUS
P0	Temperature protection of compressor discharge or compressor top. For M4OC-36HRDN1-Q,it only means compressor discharge temp.protection.
P1	High pressure protection(only for M4OC1-27HRDN1-Q, M4OC-36HRDN1-Q)
P2	Low pressure protection(only for M4OC1-27HRDN1-Q, M4OC-36HRDN1-Q)
P3	Compressor current protection
P4	Inverter module protection
P6	Condenser high-temperature protection

Midea AC Outdoor Units error code For M5OA-36HRDN1-Q model

DISPLAY	LED STATUS
E0	EEPROM error
E1	No A Indoor unit coil outlet temp. sensor or connector of sensor is defective
E2	Communication malfunction between outdoor unit and indoor units
E3	Communication malfunction between outdoor main chip and compressor control chip
E4	Outdoor unit temp. sensor or connector of temp. sensor is defective
E5	Compressor voltage protection
E6	PFC module protection
P0	Compressor top. temperature protection
P1	High pressure protection
P2	Low pressure protection
P3	Compressor current protection
P4	Compressor discharge high-temperature protection
P5	Condenser high-temperature protection
P6	Inverter module protection
F1	No A Indoor unit coil outlet temp. sensor or connector of sensor is defective

DISPLAY	LED STATUS
F2	No B Indoor unit coil outlet temp. sensor or connector of sensor is defective
F3	No C Indoor unit coil outlet temp. sensor or connector of sensor is defective
F4	No D Indoor unit coil outlet temp. sensor or connector of sensor is defective
F5	No E Indoor unit coil outlet temp. sensor or connector of sensor is defective

Midea MSH-21HRN1-QB8 air conditioner error code

FAILURE PHENOMENON	OPERATION LAMP	TIMER LAMP	DEFROSTING LAMP	AUTO LAMP
Over current protection of the compressor occurs 4 times	☆	☆	☆	☆
Indoor room temp, sensor is open circuit or short circuit	X	☆	X	X
Temp, sensor on indoor evaporator is open circuit or short circuit	☆	X	X	X
Temp, sensor on outdoor condenser is open circuit or short circuit (without cooling only models)	X	X	☆	X
Outdoor unit protects(outdoor compressor current, phase order etc)	X	X	☆	☆
EEROM error	X	☆	X	☆
Indoor unit communication error	X	X	X	☆

Midea MSC-09HRDN1-QD0(E) air conditioner error code

MALFUNCTION	LED6 (GREEN)	LED5 (RED)	INDOOR DISPLAY
Over voltage or too low voltage protection	0	0	P1
Normal standby	0	X	
MCE malfunction	0	☆	P1
Normal operation	0	0	
MCE start malfunction	X	☆	P4

MALFUNCTION	LED6 (GREEN)	LED5 (RED)	INDOOR DISPLAY
MCE phase lack protection, MCE zero speed protection, PWM in-phase malfunction	☆	0	P4
IGBT over-strong current	☆	X	PO
Communication malfunction	☆	☆	P4

0-Bright

×-Extinguished

☆-Blink

Midea M2OC-18HRDN1-M air conditioner error code

DISPLAY	LED STATUS
EO	EEPROM parameter error
E1	No 1 Indoor units pipe temp, sensor or connector of pipe temp, sensor is defective
E2	No 2 Indoor units pipe temp, sensor or connector of pipe temp, sensor is defective
E3	No 3 Indoor units pipe temp, sensor or connector of pipe temp, sensor is defective
E6	No 4 Indoor units pipe temp, sensor or connector of pipe temp, sensor is defective
E4	Open or short circuit of outdoor temperature sensor
E5	Compressor volt protection
E7	Communication error between outdoor IC and DSP
PO	Temperature protection of compressor top.
P1	High pressure protection (just for 36K 1x4 units.)
P2	Low pressure protection (just for 36K 1x4 units.)
P3	Compressor current protection
P4	Inverter module protection
P5	Outdoor temp, too low protection
P6	Condenser high-temperature protection

DISPLAY	LED STATUS
P7	Compressor driving protection
PF	PFC protection (just for 36K 1x4 units.)

Midea MSX-07HRN1-QC2 air conditioner error code

LED	FAILURE
E1	EEPROM error
E2	Zero crossing detection error
E3	Indoor fan speed has been out of control
E4	Over current protection occurs 4 times.
E5	The T1 sensor is open circuit or short circuit
E6	The T2 sensor is open circuit or short circuit
E7	The T3 sensor is open circuit or short circuit
E9	Indoor / outdoor units communication error

Midea MSMBB-12CRDN1-MP0W air conditioner error code

OPERATION LAMP	TIMER LAMP	DISPLAY	LED STATUS
☆ 1 time	X	EO	Indoor unit EEPROM parameter error
☆ 2 times	X	E1	Indoor / outdoor units communication error
☆ 3 times	X	E2	Zero-crossing signal detection error
☆ 4 times	X	E3	Indoor fan speed has been out of control
☆ 5 times	X	E4	Indoor room temperature sensor T1 open circuit or short circuit
☆ 6 times	X	E5	Evaporator coil temperature sensor T2 open circuit or short circuit
☆ 7 times	X	EC	Refrigerant leakage detection
☆ 1 times	0	FO	Overload current protection

OPERATION LAMP	TIMER LAMP	DISPLAY	LED STATUS
☆ 2 times	0	F1	Outdoor ambient temperature sensor T4 open circuit or short circuit
☆ 3 times	0	F2	Condenser coil temperature sensor T3 open circuit or short circuit
☆ 4 times	0	F3	Compressor discharge temperature sensor T5 open circuit or short circuit
☆ 5 times	0	F4	Outdoor unit EEPROM parameter error
☆ 6 times	0	F5	Outdoor fan speed has been out of control
☆ 1 times	☆	P0	IPM malfunction or IGBT over-strong current protection
☆ 2 times	☆	P1	Over voltage or over low voltage protection
☆ 3 times	☆	P2	High temperature protection of compressor top diagnosis and solution
☆ 5 times	☆	P4	Inverter compressor drive error
O-(light) X-(off) ☆-(flash)			