

Carrier Inverter AC Error Codes, Indoor and Outdoor Protection

Category: Air Conditioner
written by www.mbsmpro.com | January 10, 2026

E0	EEPROM error
E1	EEPROM error
E2	EEPROM error
E3	EEPROM error
E4	EEPROM error
E5	EEPROM error
E6	EEPROM error
E7	EEPROM error
E8	EEPROM error
E9	EEPROM error
F0	Outdoor AC fan motor fault
F1	Compressor fan speed abnormal
F2	Phase phase current control fault
F3	Phase current sampling fault
F4	IPM module fault
F5	Compressor start temperature protection
F6	Compressor start abnormal
F7	Compressor cut off error abnormal
F8	Outdoor AC current protection
F9	Motor bus voltage control protection
G0	Motor bus voltage over low protection
G1	Outdoor Over high/Over low AC voltage protection
G2	Compressor phase current protection
G3	Outdoor Over high/Over low DC voltage protection
G4	IPM temperature over heat protection
G5	Compressor phase high temperature

Carrier inverter air conditioners use detailed error codes to protect the compressor, sensors, and inverter electronics. Codes such as E0, F0, P0, and P6 reveal EEPROM faults, outdoor AC current problems, IPM module errors, and DC bus voltage issues, giving HVAC technicians a clear roadmap for safe, accurate troubleshooting and long-term system reliability.

Coil Rewinding, Universal Motor, 550 W

Category: Global Electric
written by www.mbsmpro.com | January 10, 2026



Coil rewinding for a 550-watt universal mixer-grinder motor with a 48 mm core is more than just replacing burnt copper. The technician must reproduce the original 210+80 turn field coils with SWG 25 wire, respect the high-medium-low speed connections, and follow best rewinding practices to keep torque, speed, and temperature under control.

LG Inverter AC Error Codes: Indoor and

Outdoor Unit Professional Guide

Category: Air Conditioner
written by www.mbsmpro.com | January 10, 2026

1	Indoor and room temperature sensor error
2	Indoor and wall pipe sensor error
3	Indoor pressure sensor error
4	Flow sensor error
5	Communication error between indoor and outdoor units
6	Indoor and outdoor pipe sensor error
7	Indoor and ELECTROL error
8	Indoor and R410A gas sensor error
9	Indoor and outdoor pipe sensor error

Outdoor Unit	DESCRIPTION
10	DC Power off/low
11	DC Power off/low
12	DC Power off/low
13	DC Power off/low
14	DC Power off/low
15	DC Power off/low
16	DC Power off/low
17	DC Power off/low
18	DC Power off/low
19	DC Power off/low
20	DC Power off/low
21	DC Power off/low
22	DC Power off/low
23	DC Power off/low
24	DC Power off/low
25	DC Power off/low
26	DC Power off/low
27	DC Power off/low
28	DC Power off/low
29	DC Power off/low
30	DC Power off/low
31	DC Power off/low
32	DC Power off/low
33	DC Power off/low
34	DC Power off/low
35	DC Power off/low
36	DC Power off/low
37	DC Power off/low
38	DC Power off/low
39	DC Power off/low
40	DC Power off/low
41	DC Power off/low
42	DC Power off/low
43	DC Power off/low
44	DC Power off/low
45	DC Power off/low
46	DC Power off/low
47	DC Power off/low
48	DC Power off/low
49	DC Power off/low
50	DC Power off/low
51	DC Power off/low
52	DC Power off/low
53	DC Power off/low
54	DC Power off/low
55	DC Power off/low
56	DC Power off/low
57	DC Power off/low
58	DC Power off/low
59	DC Power off/low
60	DC Power off/low
61	DC Power off/low
62	DC Power off/low
63	DC Power off/low
64	DC Power off/low
65	DC Power off/low
66	DC Power off/low
67	DC Power off/low
68	DC Power off/low
69	DC Power off/low
70	DC Power off/low
71	DC Power off/low
72	DC Power off/low
73	DC Power off/low
74	DC Power off/low
75	DC Power off/low
76	DC Power off/low
77	DC Power off/low
78	DC Power off/low
79	DC Power off/low
80	DC Power off/low
81	DC Power off/low
82	DC Power off/low
83	DC Power off/low
84	DC Power off/low
85	DC Power off/low
86	DC Power off/low
87	DC Power off/low
88	DC Power off/low
89	DC Power off/low
90	DC Power off/low
91	DC Power off/low
92	DC Power off/low
93	DC Power off/low
94	DC Power off/low
95	DC Power off/low
96	DC Power off/low
97	DC Power off/low
98	DC Power off/low
99	DC Power off/low
100	DC Power off/low

LG inverter air conditioner error codes give technicians a precise window into what is happening inside both indoor and outdoor units. From simple room temperature sensor faults to complex IPM and DC peak alarms, decoding these numbers correctly is critical for fast, safe, and accurate HVAC troubleshooting on modern LG split systems.

HVAC Basics: Compressors, Ducts, Filters, and Real-World Applications

Category: Refrigeration
written by www.mbsmpro.com | January 10, 2026

HVAC BASICS	
1	Types of Compressors
2	Duct Types
3	Filters in HVAC
4	HVAC Applications

HVAC basics start with understanding how compressors, ducts, and filters work together to move heat and clean air in any building. From reciprocating and scroll compressors to rectangular and circular ducts, each choice affects comfort, energy efficiency, and reliability in residential, commercial, industrial, and data center applications.

Brass Male Flare Union Fittings for

Refrigeration and HVAC Systems

Category: Mbsmpro

written by www.mbsmpro.com | January 10, 2026



Brass male flare union fittings are essential components in refrigeration and HVAC systems, providing reliable mechanical connections between flared copper tubes without the need for brazing. These brass flare unions support a wide operating temperature range and are widely used for service connections, line extensions, and removable joints in air-conditioning and refrigeration installations.

Electrical unit conversion reference table: HP to watts, KVA to amps, tons refrigeration to kW

Category: Global Electric

written by www.mbsmpro.com | January 10, 2026

[illegible]

Electrical unit conversions are essential knowledge for HVAC technicians and refrigeration engineers. This comprehensive reference guide provides quick access to conversion formulas, technical specifications, and practical examples for comparing power ratings, calculating system requirements, and optimizing equipment selection across different measurement standards.

Mitsubishi Ashiki MUY-JX22VF electrical technical data interpretation

Category: Air Conditioner

written by www.mbsmpro.com | January 10, 2026



Master the skill of reading AC nameplate specifications with this comprehensive technical guide. Learn to decode model numbers, interpret voltage and amperage ratings, identify refrigerant types, calculate cooling capacity, determine tonnage, and understand all electrical information displayed on your air conditioning unit nameplate.

ORIENT Inverter AC Error Codes

Category: Air Conditioner

written by www.mbsmpro.com | January 10, 2026



Discover comprehensive troubleshooting for ORIENT inverter AC systems. This complete error code guide covers E-series, F-series, P-series, and L-series fault codes with detailed solutions for sensor issues, communication failures, compressor problems, and electrical protection systems affecting your cooling performance.

MicroSD cards connect to microcontrollers

over SPI or SDIO

Category: Electronic

written by www.mbsmpro.com | January 10, 2026



Mbsmpro.com, MicroSD Interface, SPI Wiring, CS MOSI MISO SCK, 3.3V Level Shifter, Pinout, Data Logging

Typical forward voltages vary by LED color

Category: Electronic

written by www.mbsmpro.com | January 10, 2026



Mbsmpro.com, LED Forward Voltage Chart, Red Green Blue White Yellow Orange, Vf Ranges, Resistor Calculation, Driver Selection