

# **SECOP SC21G COMPRESSOR**

Category: Refrigeration

written by [www.mbsmpro.com](http://www.mbsmpro.com) | January 11, 2026



Secop SC21G is a high-performance hermetic reciprocating compressor designed for commercial refrigeration and freezing applications using R134a refrigerant. This guide covers detailed specifications, technical parameters, and installation requirements for 220-240V/50Hz systems at up to 1.3 amperes.

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# **Samsung MSE4A1Q-L1G AK1, hermetic reciprocating refrigerator compressor**

Category: Refrigeration

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The Samsung MSE4A1Q-L1G AK1 is a hermetic reciprocating refrigerator compressor designed for domestic LBP applications with R600a refrigerant and a nominal cooling capacity around 175-180 W at ASHRAE conditions, equivalent to roughly 1/4 hp. Engineers value this model for its efficient RSCR motor and robust design.

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# **Carrier Inverter AC Error Codes, Indoor and**

# Outdoor Protection

Category: Air Conditioner  
written by [www.mbsmpro.com](http://www.mbsmpro.com) | January 11, 2026

E0	Indoor/Outdoor unit communication error
F0	Indoor unit temperature sensor 1F
F1	Indoor unit temperature sensor 2F
F2	Indoor unit temperature sensor 3F
F3	Indoor unit temperature sensor 4F
F4	Indoor unit temperature sensor 5F
F5	Indoor unit temperature sensor 6F
F6	Indoor unit temperature sensor 7F
F7	Indoor unit temperature sensor 8F
F8	Indoor unit temperature sensor 9F
F9	Indoor unit temperature sensor 10F
F10	Indoor unit temperature sensor 11F
F11	Indoor unit temperature sensor 12F
F12	Indoor unit temperature sensor 13F
F13	Indoor unit temperature sensor 14F
F14	Indoor unit temperature sensor 15F
F15	Indoor unit temperature sensor 16F
F16	Indoor unit temperature sensor 17F
F17	Indoor unit temperature sensor 18F
F18	Indoor unit temperature sensor 19F
F19	Indoor unit temperature sensor 20F
F20	Indoor unit temperature sensor 21F
F21	Indoor unit temperature sensor 22F
F22	Indoor unit temperature sensor 23F
F23	Indoor unit temperature sensor 24F
F24	Indoor unit temperature sensor 25F
F25	Indoor unit temperature sensor 26F
F26	Indoor unit temperature sensor 27F
F27	Indoor unit temperature sensor 28F
F28	Indoor unit temperature sensor 29F
F29	Indoor unit temperature sensor 30F
F30	Indoor unit temperature sensor 31F
F31	Indoor unit temperature sensor 32F
F32	Indoor unit temperature sensor 33F
F33	Indoor unit temperature sensor 34F
F34	Indoor unit temperature sensor 35F
F35	Indoor unit temperature sensor 36F
F36	Indoor unit temperature sensor 37F
F37	Indoor unit temperature sensor 38F
F38	Indoor unit temperature sensor 39F
F39	Indoor unit temperature sensor 40F
F40	Indoor unit temperature sensor 41F
F41	Indoor unit temperature sensor 42F
F42	Indoor unit temperature sensor 43F
F43	Indoor unit temperature sensor 44F
F44	Indoor unit temperature sensor 45F
F45	Indoor unit temperature sensor 46F
F46	Indoor unit temperature sensor 47F
F47	Indoor unit temperature sensor 48F
F48	Indoor unit temperature sensor 49F
F49	Indoor unit temperature sensor 50F
F50	Indoor unit temperature sensor 51F
F51	Indoor unit temperature sensor 52F
F52	Indoor unit temperature sensor 53F
F53	Indoor unit temperature sensor 54F
F54	Indoor unit temperature sensor 55F
F55	Indoor unit temperature sensor 56F
F56	Indoor unit temperature sensor 57F
F57	Indoor unit temperature sensor 58F
F58	Indoor unit temperature sensor 59F
F59	Indoor unit temperature sensor 60F
F60	Indoor unit temperature sensor 61F
F61	Indoor unit temperature sensor 62F
F62	Indoor unit temperature sensor 63F
F63	Indoor unit temperature sensor 64F
F64	Indoor unit temperature sensor 65F
F65	Indoor unit temperature sensor 66F
F66	Indoor unit temperature sensor 67F
F67	Indoor unit temperature sensor 68F
F68	Indoor unit temperature sensor 69F
F69	Indoor unit temperature sensor 70F
F70	Indoor unit temperature sensor 71F
F71	Indoor unit temperature sensor 72F
F72	Indoor unit temperature sensor 73F
F73	Indoor unit temperature sensor 74F
F74	Indoor unit temperature sensor 75F
F75	Indoor unit temperature sensor 76F
F76	Indoor unit temperature sensor 77F
F77	Indoor unit temperature sensor 78F
F78	Indoor unit temperature sensor 79F
F79	Indoor unit temperature sensor 80F
F80	Indoor unit temperature sensor 81F
F81	Indoor unit temperature sensor 82F
F82	Indoor unit temperature sensor 83F
F83	Indoor unit temperature sensor 84F
F84	Indoor unit temperature sensor 85F
F85	Indoor unit temperature sensor 86F
F86	Indoor unit temperature sensor 87F
F87	Indoor unit temperature sensor 88F
F88	Indoor unit temperature sensor 89F
F89	Indoor unit temperature sensor 90F
F90	Indoor unit temperature sensor 91F
F91	Indoor unit temperature sensor 92F
F92	Indoor unit temperature sensor 93F
F93	Indoor unit temperature sensor 94F
F94	Indoor unit temperature sensor 95F
F95	Indoor unit temperature sensor 96F
F96	Indoor unit temperature sensor 97F
F97	Indoor unit temperature sensor 98F
F98	Indoor unit temperature sensor 99F
F99	Indoor unit temperature sensor 100F

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](http://www.mbsmpro.com) | January 11, 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](http://www.mbsmpro.com) | January 11, 2026

1	Indoor and outdoor temperature sensor error
2	Indoor and outdoor pipe sensor error
3	Indoor sensor control error
4	Flow sensor error
5	Communication error between indoor and outdoor units
6	Indoor and outdoor pipe sensor error
7	Indoor and outdoor pipe sensor error
8	Indoor and outdoor pipe sensor error
9	Indoor and outdoor pipe sensor error
10	Indoor and outdoor pipe sensor error
11	Indoor and outdoor pipe sensor error
12	Indoor and outdoor pipe sensor error
13	Indoor and outdoor pipe sensor error
14	Indoor and outdoor pipe sensor error
15	Indoor and outdoor pipe sensor error
16	Indoor and outdoor pipe sensor error
17	Indoor and outdoor pipe sensor error
18	Indoor and outdoor pipe sensor error
19	Indoor and outdoor pipe sensor error
20	Indoor and outdoor pipe sensor error
21	Indoor and outdoor pipe sensor error
22	Indoor and outdoor pipe sensor error
23	Indoor and outdoor pipe sensor error
24	Indoor and outdoor pipe sensor error
25	Indoor and outdoor pipe sensor error
26	Indoor and outdoor pipe sensor error
27	Indoor and outdoor pipe sensor error
28	Indoor and outdoor pipe sensor error
29	Indoor and outdoor pipe sensor error
30	Indoor and outdoor pipe sensor error
31	Indoor and outdoor pipe sensor error
32	Indoor and outdoor pipe sensor error
33	Indoor and outdoor pipe sensor error
34	Indoor and outdoor pipe sensor error
35	Indoor and outdoor pipe sensor error
36	Indoor and outdoor pipe sensor error
37	Indoor and outdoor pipe sensor error
38	Indoor and outdoor pipe sensor error
39	Indoor and outdoor pipe sensor error
40	Indoor and outdoor pipe sensor error
41	Indoor and outdoor pipe sensor error
42	Indoor and outdoor pipe sensor error
43	Indoor and outdoor pipe sensor error
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46	Indoor and outdoor pipe sensor error
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90	Indoor and outdoor pipe sensor error
91	Indoor and outdoor pipe sensor error
92	Indoor and outdoor pipe sensor error
93	Indoor and outdoor pipe sensor error
94	Indoor and outdoor pipe sensor error
95	Indoor and outdoor pipe sensor error
96	Indoor and outdoor pipe sensor error
97	Indoor and outdoor pipe sensor error
98	Indoor and outdoor pipe sensor error
99	Indoor and outdoor pipe sensor error
100	Indoor and outdoor pipe sensor error

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

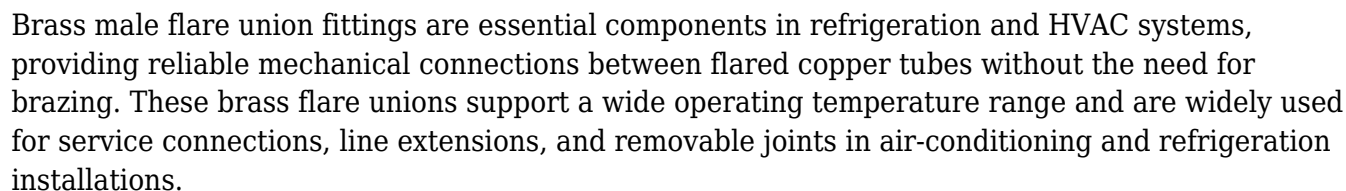
Category: Refrigeration  
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1	HVAC BASICS
2	TYPES OF COMPRESSORS
3	• Reciprocating Compressor
4	• Scroll Compressor
5	• Rotary Compressor
6	• Centrifugal Compressor
7	DUCT TYPES
8	• Rectangular Duct
9	• Circular Duct
10	• Oval Duct
11	FILTERS IN HVAC
12	• Pre Filter
13	• Fine Filter
14	• HEPA Filter
15	HVAC APPLICATIONS
16	• Residential Buildings
17	• Commercial Buildings
18	• Industrial Plants
19	• Data Centers

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](http://www.mbsmpro.com) | January 11, 2026



Category: Global Electric  
written by [www.mbsmpro.com](http://www.mbsmpro.com) | January 11, 2026

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.

Category: Air Conditioner  
written by [www.mbsmpro.com](http://www.mbsmpro.com) | January 11, 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](http://www.mbsmpro.com) | January 11, 2026

Model: Inverter AC	
121	Radio
122	Refrigerator
123	Electric hot water heater system tank
124	Refrigerator and freezer
125	Refrigerator - 100 cubic foot model
126	Refrigerator - 14 cubic foot model
127	Refrigerator - 18 cubic foot model
128	Refrigerator - 20 cubic foot model
129	Refrigerator - 22 cubic foot model
130	Refrigerator - 24 cubic foot model
131	Refrigerator - 26 cubic foot model
132	Refrigerator - 28 cubic foot model
133	Refrigerator - 30 cubic foot model
134	Refrigerator - 32 cubic foot model
135	Refrigerator - 34 cubic foot model
136	Refrigerator - 36 cubic foot model
137	Refrigerator - 38 cubic foot model
138	Refrigerator - 40 cubic foot model
139	Refrigerator - 42 cubic foot model
140	Refrigerator - 44 cubic foot model
141	Refrigerator - 46 cubic foot model
142	Refrigerator - 48 cubic foot model
143	Refrigerator - 50 cubic foot model
144	Refrigerator - 52 cubic foot model
145	Refrigerator - 54 cubic foot model
146	Refrigerator - 56 cubic foot model
147	Refrigerator - 58 cubic foot model
148	Refrigerator - 60 cubic foot model
149	Refrigerator - 62 cubic foot model
150	Refrigerator - 64 cubic foot model
151	Refrigerator - 66 cubic foot model
152	Refrigerator - 68 cubic foot model
153	Refrigerator - 70 cubic foot model
154	Refrigerator - 72 cubic foot model
155	Refrigerator - 74 cubic foot model
156	Refrigerator - 76 cubic foot model
157	Refrigerator - 78 cubic foot model
158	Refrigerator - 80 cubic foot model
159	Refrigerator - 82 cubic foot model
160	Refrigerator - 84 cubic foot model
161	Refrigerator - 86 cubic foot model
162	Refrigerator - 88 cubic foot model
163	Refrigerator - 90 cubic foot model
164	Refrigerator - 92 cubic foot model
165	Refrigerator - 94 cubic foot model
166	Refrigerator - 96 cubic foot model
167	Refrigerator - 98 cubic foot model
168	Refrigerator - 100 cubic foot model
169	Refrigerator - 102 cubic foot model
170	Refrigerator - 104 cubic foot model
171	Refrigerator - 106 cubic foot model
172	Refrigerator - 108 cubic foot model
173	Refrigerator - 110 cubic foot model
174	Refrigerator - 112 cubic foot model
175	Refrigerator - 114 cubic foot model
176	Refrigerator - 116 cubic foot model
177	Refrigerator - 118 cubic foot model
178	Refrigerator - 120 cubic foot model
179	Refrigerator - 122 cubic foot model
180	Refrigerator - 124 cubic foot model
181	Refrigerator - 126 cubic foot model
182	Refrigerator - 128 cubic foot model
183	Refrigerator - 130 cubic foot model
184	Refrigerator - 132 cubic foot model
185	Refrigerator - 134 cubic foot model
186	Refrigerator - 136 cubic foot model
187	Refrigerator - 138 cubic foot model
188	Refrigerator - 140 cubic foot model
189	Refrigerator - 142 cubic foot model
190	Refrigerator - 144 cubic foot model
191	Refrigerator - 146 cubic foot model
192	Refrigerator - 148 cubic foot model
193	Refrigerator - 150 cubic foot model
194	Refrigerator - 152 cubic foot model
195	Refrigerator - 154 cubic foot model
196	Refrigerator - 156 cubic foot model
197	Refrigerator - 158 cubic foot model
198	Refrigerator - 160 cubic foot model
199	Refrigerator - 162 cubic foot model
200	Refrigerator - 164 cubic foot model
201	Refrigerator - 166 cubic foot model
202	Refrigerator - 168 cubic foot model
203	Refrigerator - 170 cubic foot model
204	Refrigerator - 172 cubic foot model
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206	Refrigerator - 176 cubic foot model
207	Refrigerator - 178 cubic foot model
208	Refrigerator - 180 cubic foot model
209	Refrigerator - 182 cubic foot model
210	Refrigerator - 184 cubic foot model
211	Refrigerator - 186 cubic foot model
212	Refrigerator - 188 cubic foot model
213	Refrigerator - 190 cubic foot model
214	Refrigerator - 192 cubic foot model
215	Refrigerator - 194 cubic foot model
216	Refrigerator - 196 cubic foot model
217	Refrigerator - 198 cubic foot model
218	Refrigerator - 200 cubic foot model
219	Refrigerator - 202 cubic foot model
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234	Refrigerator - 232 cubic foot model
235	Refrigerator - 234 cubic foot model
236	Refrigerator - 236 cubic foot model
237	Refrigerator - 238 cubic foot model
238	Refrigerator - 240 cubic foot model
239	Refrigerator - 242 cubic foot model
240	Refrigerator - 244 cubic foot model
241	Refrigerator - 246 cubic foot model
242	Refrigerator

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.