

MGS-550 Dual Gas Detector

Ordering Guide



MGS-550 Dual Gas Detector

The versatile MSA Bacharach MGS-550 can be configured in a number of ways to suit your particular application. Options include single and double local sensors, single local and single remote sensors or simply single or double remote sensors. Whatever you require, follow the simple ordering guide below and choose which gas detection sensors you want from the tables on these two pages:

System	Choose From	Total Parts	Notes
1 LOCAL SENSOR	Column B	1	Local sensors are installed prior to shipment
2 LOCAL SENSORS	Column B + C	2	Remote sensor cable length is 5 m (16 ft.)
1 LOCAL + 1 REMOTE	Column B + D	2	All enclosures are IP66 rated.
1 REMOTE	COLUMN A + D	2	Replacement sensors are pre-calibrated
2 REMOTE SENSORS	Column A + 2 from D	3	N/A

Part Numbers

Gas	Sensor Range	Sensor Type	A Base Unit, No Sensors	B Base Unit, 1 Local Sensor	C Local Sensor	D Remote Sensor	Pre-Calibrated Replacement Sensor
N/A	N/A	N/A	6600-8000	-	-	-	-
BUTANE	0-100 %LEL	IR	-	6600-8016	6600-8816	6600-8116	6600-8216
BUTANE	0-100 %LEL	CB	-	6600-8039	6600-8839	6600-8139	6600-8239
CARBON MONOXIDE / CO	0-500 ppm	EC	-	6600-8080	6600-8880	6600-8180	6600-8280
R-744 (CO ₂)	0-5,000 ppm	IR	-	6600-8010	6600-8810	6600-8110	6600-8210
R-744 (CO ₂)	0-10,000 ppm	IR	-	6600-8011	6600-8811	6600-8111	6600-8211
R-744 (CO ₂)	0-20,000 ppm	IR	-	6600-8012	6600-8812	6600-8112	6600-8212
R-744 (CO ₂)	0-30,000 ppm	IR	-	6600-8013	6600-8813	6600-8113	6600-8213
R-744 (CO ₂)	0-40,000 ppm	IR	-	6600-8014	6600-8814	6600-8114	6600-8214
R-744 (CO ₂)	0-50,000 ppm	IR	-	6600-8015	6600-8815	6600-8115	6600-8215
R-1150 (ETHYLENE, C ₂ H ₄)	0-2,000 ppm	SC	-	6600-8075	6600-8875	6600-8175	6600-8275
R-1234YF	0-1,000 ppm	SC	-	6600-8052	6600-8852	6600-8152	6600-8252
R-1234ZE	0-1,000 ppm	SC	-	6600-8053	6600-8853	6600-8153	6600-8253
R-1234ZE	0-10,000 ppm	SC	-	6600-8067	6600-8867	6600-8167	6600-8267
LPG	0-100 %LEL	CB	-	6600-8035	6600-8835	6600-8135	6600-8235
R-50 (METHANE, CH ₄)	0-100 %LEL	IR	-	6600-8017	6600-8817	6600-8117	6600-8217
R-50 (METHANE, CH ₄)	0-100 %LEL	CB	-	6600-8036	6600-8836	6600-8136	6600-8236
R-50 (METHANE, CH ₄)	0-5,000 ppm	SC	-	6600-8073	6600-8873	6600-8173	6600-8273
R-717 (AMMONIA, NH ₃)	0-10,000 ppm	SC	-	6600-8069	6600-8869	6600-8169	6600-8269
R-717 (AMMONIA, NH ₃)	0-100 %LEL	CB	-	6600-8034	6600-8834	6600-8134	6600-8234
R-717 (AMMONIA, NH ₃)	0-100 ppm	EC	-	6600-8019	6600-8819	6600-8119	6600-8219
R-717 (AMMONIA, NH ₃)	0-1,000 ppm	EC	-	6600-8020	6600-8820	6600-8120	6600-8220
R-717 (AMMONIA, NH ₃)	0-5,000 ppm	EC	-	6600-8021	6600-8821	6600-8121	6600-8221

Part Numbers (continued)

Gas	Sensor Range	Sensor Type	A Base Unit, No Sensors	B Base Unit, 1 Local Sensor	C Local Sensor	D Remote Sensor	Pre-Calibrated Replacement Sensor
NITROGEN DIOXIDE (NO ₂)	0-20 ppm	EC	-	6600-8024	6600-8824	6600-8124	6600-8224
OXYGEN, O ₂	0-30 Vol%	EC	-	6600-8025	6600-8825	6600-8125	6600-8225
R-290 (PROPANE)	0-100 %LEL	IR	-	6600-8018	6600-8818	6600-8118	6600-8218
R-290 (PROPANE)	0-100 %LEL	CB	-	6600-8038	6600-8838	6600-8138	6600-8238
R-134A	0-1,000 ppm	SC	-	6600-8042	6600-8842	6600-8142	6600-8242
R-134A	0-10,000 ppm	SC	-	6600-8056	6600-8856	6600-8156	6600-8256
R-290	0-5,000 ppm	SC	-	6600-8070	6600-8870	6600-8170	6600-8270
R-32	0-1,000 ppm	SC	-	6600-8041	6600-8841	6600-8141	6600-8241
R-32	0-10,000 ppm	SC	-	6600-8055	6600-8855	6600-8155	6600-8255
R-404A	0-1,000 ppm	SC	-	6600-8043	6600-8843	6600-8143	6600-8243
R-404A	0-10,000 ppm	SC	-	6600-8057	6600-8857	6600-8157	6600-8257
R-407A	0-10,000 ppm	SC	-	6600-8044	6600-8844	6600-8144	6600-8244
R-407A	0-1,000 ppm	SC	-	6600-8058	6600-8858	6600-8158	6600-8258
R-407C	0-10,000 ppm	SC	-	6600-8045	6600-8845	6600-8145	6600-8245
R-407C	0-10,000 ppm	SC	-	6600-8059	6600-8859	6600-8159	6600-8259
R-407F	0-1,000 ppm	SC	-	6600-8046	6600-8846	6600-8146	6600-8246
R-407F	0-10,000 ppm	SC	-	6600-8060	6600-8860	6600-8160	6600-8260
R-410A	0-1,000 ppm	SC	-	6600-8047	6600-8847	6600-8147	6600-8247
R-410A	0-10,000 ppm	SC	-	6600-8061	6600-8861	6600-8161	6600-8261
R-422A	0-1,000 ppm	SC	-	6600-8048	6600-8848	6600-8148	6600-8248
R-422A	0-10,000 ppm	SC	-	6600-8062	6600-8862	6600-8162	6600-8262
R-422D	0-1,000 ppm	SC	-	6600-8049	6600-8849	6600-8149	6600-8249
R-422D	0-10,000 ppm	SC	-	6600-8063	6600-8863	6600-8163	6600-8263
R-427A	0-1,000 ppm	SC	-	6600-8050	6600-8850	6600-8150	6600-8250
R-448A	0-1,000 ppm	SC	-	6600-8076	6600-8876	6600-8176	6600-8276
R-449A	0-1,000 ppm	SC	-	6600-8077	6600-8877	6600-8177	6600-8277
R-452A	0-1,000 ppm	SC	-	6600-8078	6600-8878	6600-8178	6600-8278
R-507	0-1,000 ppm	SC	-	6600-8051	6600-8851	6600-8151	6600-8251
R-507	0-10,000 ppm	SC	-	6600-8065	6600-8865	6600-8165	6600-8265
R-513A	0-1,000 ppm	SC	-	6600-8079	6600-8879	6600-8179	6600-8279
R-600	0-5,000 ppm	SC	-	6600-8071	6600-8871	6600-8171	6600-8271

Note: This Bulletin contains only a general description of the products shown. While product uses and performance capabilities are generally described, the products shall not, under any circumstances, be used by untrained or unqualified individuals. The products shall not be used until the product instructions/user manual, which contains detailed information concerning the proper use and care of the products, including any warnings or cautions, have been thoroughly read and understood. Specifications are subject to change without prior notice. MSA is a registered trademark of MSA Technology, LLC in the US, Europe, and other Countries. For all other trademarks visit <https://us.msasafety.com/Trademarks>.

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