








Product	SC-Q5 SC-B5  Gas Detection Sensor	SC-Q6 Gas Detection Sensor	SC-QIRF Refrigerant Monitor	SC-Q4C	SC-M-Controller	SC-Q-Controller
Ordering Code	SC-Q5-XXXX, SC-B5-XXXX	Q6-CO-NO2	QIRF-XXXXX	SC-Q4C	SC-M-Controller	SC-Q-Controller
Image				 Monitors 4 sensors	 Monitors 32 sensors	 Monitors 128 sensors
Features	<ul style="list-style-type: none"> • 24V AC or DC • 3 relay outputs • 4-20 mA, 2-10 Vdc output • NEMA 4 enclosure • LCD display • ETL listed • BACnet option • Visual & audible alarm 	<ul style="list-style-type: none"> • 24V AC or DC • 3 relay outputs • 4-20 mA, 2-10 Vdc output • NEMA 4 enclosure • LCD display • ETL listed • Visual & audible alarm 	<ul style="list-style-type: none"> • 24V AC or DC • 3 relay outputs • 4-20 mA, 2-10 Vdc output • NEMA 4X enclosure • LCD display • ETL listed • Visual & audible alarm 	<ul style="list-style-type: none"> • 24V AC or DC • 4 relay outputs • NEMA 4X enclosure • LCD display • ETL listed • Visual & audible alarm • Software included 	<ul style="list-style-type: none"> • 24V AC or DC • 3 relay outputs • 4-20 mA, 2-10 Vdc output (optional) • NEMA 1 enclosure • LCD display • ETL listed • Visual & audible alarm • Output explosion modules • Data logging (optional) • Software included 	<ul style="list-style-type: none"> • 24V AC or DC • 4 relay outputs • 4-20 mA, 2-10 Vdc output (optional) • NEMA 4X enclosure • LCD display • ETL listed • BACnet option • Visual & audible alarm • Output explosion modules • Data logging • Touchscreen display
Applications	Automobile exhaust, parking garages, forklifts, loading docks, vehicle repair facilities, warehouses, kitchens, laundries, fire stations	Automobile exhaust, parking garages, forklifts, loading docks, vehicle repair facilities, warehouses, kitchens, laundries, fire stations	Refrigeration, cold storage, grocery stores, chiller rooms and other commercial refrigeration applications	Automobile exhaust, parking garages, forklifts, loading docks, vehicle repair facilities, warehouses, kitchens, laundries, fire stations	Automobile exhaust, parking garages, forklifts, loading docks, vehicle repair facilities, warehouses, kitchens, laundries, fire stations	Automobile exhaust, parking garages, forklifts, loading docks, vehicle repair facilities, warehouses, kitchens, laundries, fire stations
Mode	Stand Alone or System	Stand Alone or System	Stand Alone or System	System	System	System
Coverage	7238 sq ft (48' off radius) (CO / NO ₂ , Other gases may vary)	7238 sq ft (48' off radius) (CO / NO ₂ , Other gases may vary)	7238 sq ft (48' off radius)	N/A	N/A	N/A
Size	5.9" x 3.4" x 2.55"	5.9" x 3.4" x 2.55"	4.72" x 7.87" x 3.54"	7" x 4.7" x 3.5"	10" x 8" x 2"	7" LCD touchscreen display
Operating Temperature	14°F to 122°F (-10°C to 50°C)	-4°F to 122°F (-20°C to 50°C)	-49°F to 149°F (-25°C to 65°C)	-4°F to 122°F (-20°C to 50°C)	-4°F to 122°F (-20°C to 50°C)	32°F to 120°F (0°C to 49°C)








Detectable Gas Type Ordering Codes

(Multiple spans available for some gases)

- **CH3CO-100L** (Acetone, Catalytic Bead, 0-100% LEL) (Span: 100L)
- **NH3** (Ammonia, Electrochemical, 0-100 PPM) (Span: 100P)
- **ASH3** (Arsine, Electrochemical, 0-1 PPM) (Span: 1P)
- **C6H6** (Benzene, Catalytic Bead, 0-100% LEL) (Span: 100L)
- **C4H10** (Iso-Butane, Catalytic Bead, 0-100% LEL) (Span: 100L)
- **BUTAN** (Butanol, n-Butane, Catalytic Bead, 0-100% LEL) (Span: 100L)
- **CO2** (Carbon Dioxide, Infrared, 0-5000 PPM) (Span: 5000P)
- **CO** (Carbon Monoxide, Electrochemical, 0-250 PPM) (Span: 250P)
- **CL2** (Chlorine, Electrochemical, 0-5 PPM) (Span: 5P)

- **CLO2** (Chlorine Dioxide, Electrochemical, 0-2 PPM) (Span: 2P)
- **B2H6** (Diborane, Electrochemical, 0-2 PPM) (Span: 2P)
- **C2H4** (Ethylene, Catalytic Bead, 0-100% LEL) (Span: 100L)
- **ETO** (Ethylene Oxide, Electrochemical, 0-20 PPM) (Span: 20P)
- **GEH4** (Germane, Electrochemical, 0-2 PPM) (Span: 2P)
- **H2** (Hydrogen, Electrochemical, 0-1000 PPM) (Span: 1000P)
- **HBR** (Hydrogen Bromide, Electrochemical, 0-30 PPM) (Span: 30P)
- **HCL** (Hydrogen Chloride, Electrochemical, 0-30 PPM) (Span: 30P)
- **HCN** (Hydrogen Cyanide, Electrochemical, 0-50 PPM) (Span: 50P)
- **H2S** (Hydrogen Sulphide, Electrochemical, 0-25 PPM) (Span: 25P)
- **CH4** (Methane, Catalytic Bead, 0-100% LEL) (Span: 100L)
- **CH3OH** (Methanol, Catalytic Bead, 0-100% LEL) (Span: 100L)

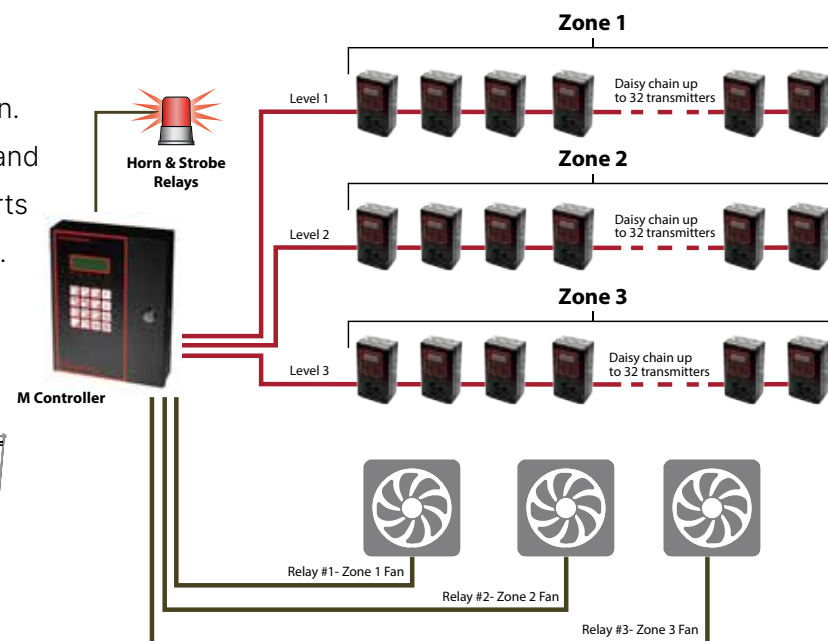
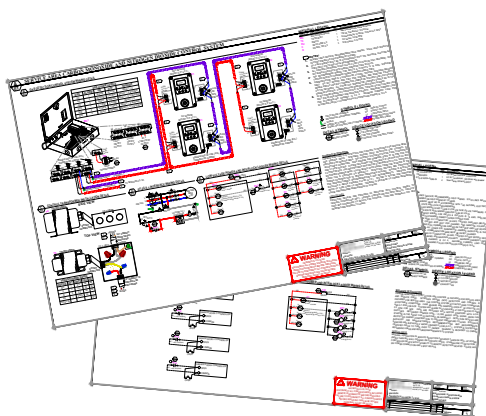
- **NO** (Nitric Oxide, Electrochemical, 0-100 PPM) (Span: 100P)
- **NO2** (Nitrogen Dioxide, Electrochemical, 0-10 PPM) (Span: 10P)
- **O2** (Oxygen, Electrochemical, 0-25% VOL) (Span: 25V)
- **O3** (Ozone, Electrochemical, 0-1 PPM) (Span: 1P)
- **C5H12** (Iso-Pentane, Catalytic Bead, 0-100% LEL) (Span: 100L)
- **PH3** (Phosphine, Electrochemical, 0-1 PPM) (Span: 1P)
- **PH3** (Phosphine, Electrochemical, 0-5 PPM) (Span: 5P)
- **C3H8** (Propane, Catalytic Bead, 0-100% LEL) (Span: 100L)
- **SIH4** (Silane, Electrochemical, 0-50 PPM) (Span: 50P)
- **SO2** (Sulphur Dioxide, Electrochemical, 0-6 PPM) (Span: 6P)
- **GENL** (Combustible, Catalytic Bead, 0-100% LEL) (Span: 100L)
(Specify specific combustible fumes)

Product	Splash Guard	Duct Kit	Wire Cage	CO Test Gas	Sensor Replacement	Multi-Level Horn & Strobe	Horn & Strobe
Ordering Code	SC-Q5-SG	SC-Q5-DK	SC-Q5-WC	SC-CO-TEST	SC-Q5-R-XXXX	SC-HS-ML	SC-HS-SL
Image							
Features	Provides degree of protection from falling moisture and indirect spray	Allows all Specified Controls sensors to be duct mounted	Provides protection against tampering, vandalism and accidental damage	Allows users and installer to do a quick functionality test of the CO sensor	Replacement sensor for all SC-Q5, SC-B5 and SC-Q6 sensors (all gases)	Multi-level alarming and strobes. Audible and visual alarms.	Single alarm and strobe. Audible and visual alarm.
Applications	Not for wash-down environments	For use with SC-Q5, SC-B5 and SC-Q6 sensors when duct sensing is needed	Any hazardous environment where sensor may need protection	Used for testing CO sensors included with each CO system	For use with SC-Q5, SC-B5 and SC-Q6 sensors	Any multi-level alarm	Any single alarm

The Specified Controls Difference

Whether your needs are parts and components or a full Gas Detection System with factory trained commissioning, Specified Controls is here to provide the best value in Gas Detection. Specified Controls is happy to provide customized AutoCAD control drawings, schematics and technical support for each job. We have factory-trained gas detection commissioning experts which can visit your jobsite and assure that the system is installed and functioning properly.

- **Custom AutoCAD drawings**
Eliminates engineering time and cost by 2-8 hours*
- **Pre-programming of Gas Detection Systems**
Eliminates programming time and cost by 2-4 hours*
- **On-site Startup and Commissioning**
Reduces startup time and cost by 2-4 hours*



* per system