

**NO
EXCUSES!**

SSU-SL-701-KIT



THE SL-701 DETECTOR SAMPLES THE AIR STREAM AT THE AHU SUPPLY AND/OR RETURN. IN THE EVENT DANGEROUS LEVELS OF CO ARE DETECTED, THE SL-701 SHUTS DOWN THE AHU TO PREVENT THE SPREAD OF HARMFUL GAS TO OCCUPIED SPACES.

FEATURES

- The detector detects CO presence before distribution throughout heated air space and triggers shutdown
- Hybrid-Style Sensor monitors at the National Standards set by (2018 IAQ) and (UL 2075/2034 Life Safety)
- "Snap-in" Sensor is easily replaced at end of life
- Indicator light on detector post status
- Detector Test Mode allows for aerosol CO test using TCG-701
- Historical, retrievable reporting data stored at the unit
- Unit performs "hidden" self-test every 24 hours
- FAST Tube Sampling Kit
- MSR-50/CO Remote
- Installation Guide

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AND
CONTROLS**
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Duct Carbon Monoxide Detector Kit

The SSU-SL-701-KIT Duct Carbon Monoxide Detector Kit provides early detection of carbon monoxide in air moving through the HVAC duct supply, return, or both in commercial, industrial, or residential applications.

The SSU-SL-701-KIT is fitted with a UL Listed electrochemical sensor that notifies at for distinct levels of carbon monoxide PPM published hazardous by both OSHA and the NFPA, and has a life of approximately six years in normal environmental conditions. The specific alarm condition met is annunciated at the detector, and historical data can be retrieved from the unit to aid in resolving the source of contamination

The SSU-SL-701-KIT alerts building occupants of an AHU-circulated carbon monoxide contamination prior to its distribution of the "occupied" space. Output terminals are provided for the MSR-50/CO remote accessory, used to provide private mode (non-public) audible and visual alarm indication in a remote location. Combination CO / Fire Alarm Control Units can, and must, be notified of an alarm or trouble condition to provide Public Mode Notification and Remote Reporting.

Product Features:

- ❖ Hybrid-Style sensor monitors at the national standards set by OSHA (IAQ) and UL 2075/2034 (life safety)
- ❖ "Snap-in" Sensor is easily replaced at end of life
- ❖ Solid green LED on sensor head indicates normal operation
- ❖ Detector Test Mode allows for aerosol CO testing without cover removal using Test Port Value
- ❖ Historical, retrievable reporting data stored at the unit
- ❖ Unit performs "hidden" self-test every 24 hours
- ❖ Patented front or rear loading and removing sampling/exhaust tubes
- ❖ Interconnect up to 30 units for common functions
- ❖ Advanced sensor design yields internal dust filtering
- ❖ No additional screens or filters to clean
- ❖ Compatible with Building Automation and Combination CO/Fire alarm systems
- ❖ Complete wiring details permanently attached to unit



MSR-50/CO
Remote Accessory:
for private mode
audible and visual
alarm indication at
a remote location.

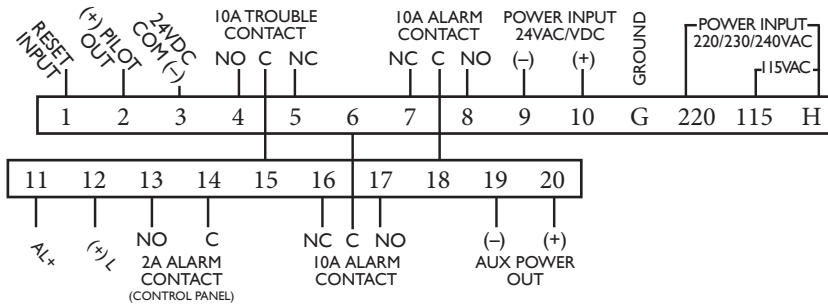


Designed to prevent the circulation of invisible, toxic CO by air handlers, fans and blowers. Complete systems may be shut down in an alarm state.

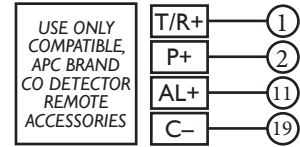


Space Age Electronics, inc.
www.1SAE.com
800.486.1723 Toll Free
508.485.0966 Local
508.485.4740 Fax

WIRING



MSR-50/CO WIRING



PRODUCT SPECIFICATIONS

MODEL NUMBER:	SSU-SL-701-KIT		
SENSOR MODEL NUMBER:	SL-701 7-CO		
PACKAGE INCLUDES:	SL-701 CO Detector MSR-50/CO Remote Accessory Fast Tube Air Sampling Tubes 8" Fast Exhaust Tube Mounting Template Necessary Mounting Hardware Installation Instructions		
POWER REQUIREMENTS:	Input Power 24VAC 24VDC 115VAC 230VAC	Standby Current 43mA 28mA 23mA 11mA	Alarm Current 246mA 187mA 50mA 28mA
RELAY CONTACT RATING:	Alarm Contacts: Resistive load: 2 sets form "C" rated at 10 Amps @ 115VAC Resistive load: 1 set form "A" rated at 2 Amps Resistive load: 1 set form "C" rated at 10 Amps @ 115VAC Trouble Contacts: Resistive load: 1 set form "C" rated at 10 Amps @ 115VAC 100 to 4,000 ft./min.		
AIR VELOCITY:	32°F to 158°F (0°C to 70°C)		
AMBIENT TEMPERATURE:	10% to 85% RH Non-Condensing / Non-Freezing		
HUMIDITY:	Solid or stranded: #12 to #22 AWG terminals		
WIRING:	Grey plastic backbox, clear plastic cover (Makrolon 94V-0)		
MATERIAL:	Do not expose to corrosive atmospheres		
DIMENSIONS:	13 1/2" L x 4 1/2" W x 2 1/4" D		
MAX. NET WT.:	2 1/2 lbs.		



SSU-TG-701

CO Detector
Test Gas Sold
Separately

The SL-701 is a CO system detector, it is not a smoke detector or a CO alarm. It detects Carbon Monoxide as caused by fossil fuel fired appliances and/or as introduced from the outside in fresh air intakes in the HVAC system.

Ordering Information:

Part #	Description
SSU-SL-701-KIT	Duct Carbon Monoxide Detector
SSU-TG-701	CO Detector Test Gas Canister

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