

*The KLA is a Commercial Kitchen Gas Controller.*

**KLA was designed to:**

- **Shut off the gas** when CO (Carbon Monoxide) and/or combustible gas (Natural Gas, Methane or Propane) has been detected.
- **Send emergency signal** to external Fire Alarm or other monitoring system.
- **Integrate with fire suppression systems** (Can shut off the gas before costly and considerable clean up caused by fire suppression systems activating.)
- **Prevent gas flow** if exhaust fan is not on. (Fan Interlock)

### FEATURES:

- **16-GA Brushed Stainless-Steel Cover**
- **Keyed or Push-Button Option**
- **New Reduced Size:** 9.75" X 5.25" x 3" (fits in 2x4 wall)
- **Red Notification LEDs:** Notifies user why gas shut down.
  - **Emergency/Alarm**
  - **Gas Leak Detected**
  - **Carbon Monoxide Detected**
  - **Exhaust Fan Disabled**
- **Fuses instead of breakers (HV Only):** Prevents damaging board during installation and/or on a circuit output short circuit.
- **Short Circuit Protection (LV Only):** Utilizes 24VDC and protects the controller from short circuits and auto-resets when a short has been cleared.
- **Quick-Connect Connectors:** Simplifies wiring and reduces wiring mistakes with clear and easy to understand labels.
- **Integrates with any 24VDC Input/Dry-Contact Output Carbon Monoxide Detector** (Recommended to install the KLA with two commercial-grade CO Detectors).
- **Integrates with ISIMET's Fuel Gas Sensor (FGS)** to detect the presence of combustible gases such as Natural Gas, Methane, Butane, or Propane.
- **New and improved installation manuals and technical documentation.**

## Commercial Kitchen Controller

# KLA



### ○ **Input Options:**

- Gas Detector
- Carbon Monoxide Detector
- Building Energy Management System
- Building/Fire Alarm System
- Remote Panic/Emergency Shut-Off Buttons
- Fan Interlock (Fan off – no gas flow)
- Gas Pressure Transmitter –tests for gas leaks prior to startup of gas line

### ○ **Output Options:**

- Circuit #1 and Circuit #2 to Solenoid(s) (120VAC or 24VDC)
- Panic Output (24VDC and Dry-Contact)
  - Emergency Signal
  - Electric Shut-Off Signal
  - Companion Unit with UtC



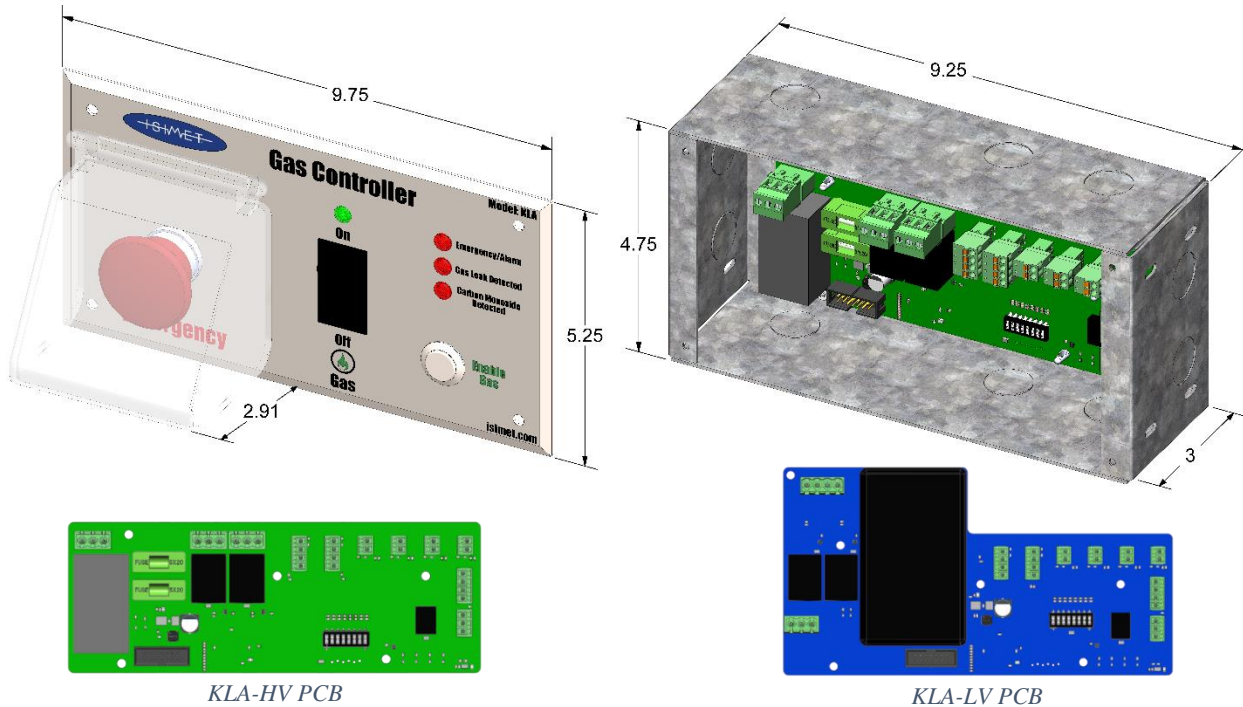


**KLA** - - - - -

<b>(HV or LV)</b> HV: 120VAC Output LV: 24VDC Output	<b>(K or P)</b> K: Key Switch P: Push Button	<b>(F or S)</b> F: Flush Mount S: Surface Mount	<b>Additional Options</b> C <sup>1</sup> : Clear Cover PT: Pressure Transmitter FGS <sup>2</sup> : Fuel Gas Sensor SV <sup>3</sup> : Split Voltage
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- <sup>1</sup> Default includes clear cover over emergency button.
- <sup>2</sup> It is recommended to include at least one Fuel Gas Sensor with all KLA installations.
- <sup>3</sup> Split Voltage includes a relay to allow 120VAC and 24VDC Circuit Outputs (LV Only).

The *KLA-LV-P-F-C-SV* is equivalent to the *KLA-2-2-1-5-R-P-C*.



	High-Voltage (KLA-HV)	Low-Voltage (KLA-LV)
All Metal Enclosure	•	•
Brushed Stainless-Steel Cover	•	•
Flush or Surface Mount	•	•
Optional Gas Solenoid (½"-3" Sizes Available)	•	•
120VAC (60Hz) Input	•	
120VAC Circuit Output	•	
100-240VAC (50/60Hz) Input		•
24VDC Circuit Output		•

<b>KLA-HV (120VAC Version)</b>	<b>KLA-LV (24VDC Version)</b>
120VAC (60Hz) Line Voltage Input	100-240VAC (50/60Hz) Line Voltage Input
120VAC Circuit Output (Max 15A)	24VDC Circuit Output (Max 2.5A)
24VDC Output (Max 5W)	24VDC Output (Max 10W)
120V – 2A Fuse (Quantity: 2)	Short-Circuit Protection (No Fuses)