





GAS SAFETY IN EVERY ENVIRONMENT

Modern designs developed by experts in gas safety

Our fully qualified engineers and designers keep up to date with industry practices and developments, adhering to all health and safety legislation, as well as, building codes.

Our customers can feel assured that the solutions we are providing along with the technical backup are second to none.

American Gas Safety is a family run and operated business with excellent customer service and value for money at its core.



Full technical support
available



Competitively
priced



Complete after
sales care



Easy Installation



Modern digital
design



Express delivery
available
nationwide

Full product catalogue and operating and maintenance guides are available online at AMERICANGASSAFETY.COM

Key feature icons

The benefits of each of our products are illustrated in an icon format throughout this brochure, aiding you to select the product and design features most suited for your requirements.

The icons are located at the bottom of each product description with accompanying detail for ease of reference and comparison of the solutions we have available.

If you have any questions about any products and their features please contact info@americangassafety.com.



GAS ISOLATION



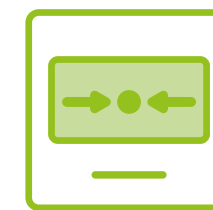
VENTILATION INTERLOCK



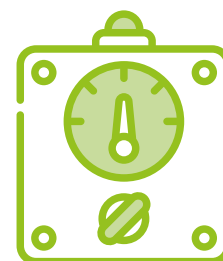
UNIQUE GAS PRESSURE
PROVING



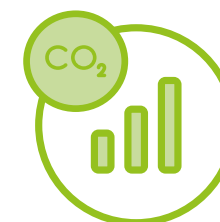
MONITOR UP TO 4 FANS



EMERGENCY SHUTDOWN



GAS DETECTION



CO2 MONITOR INTERFACE



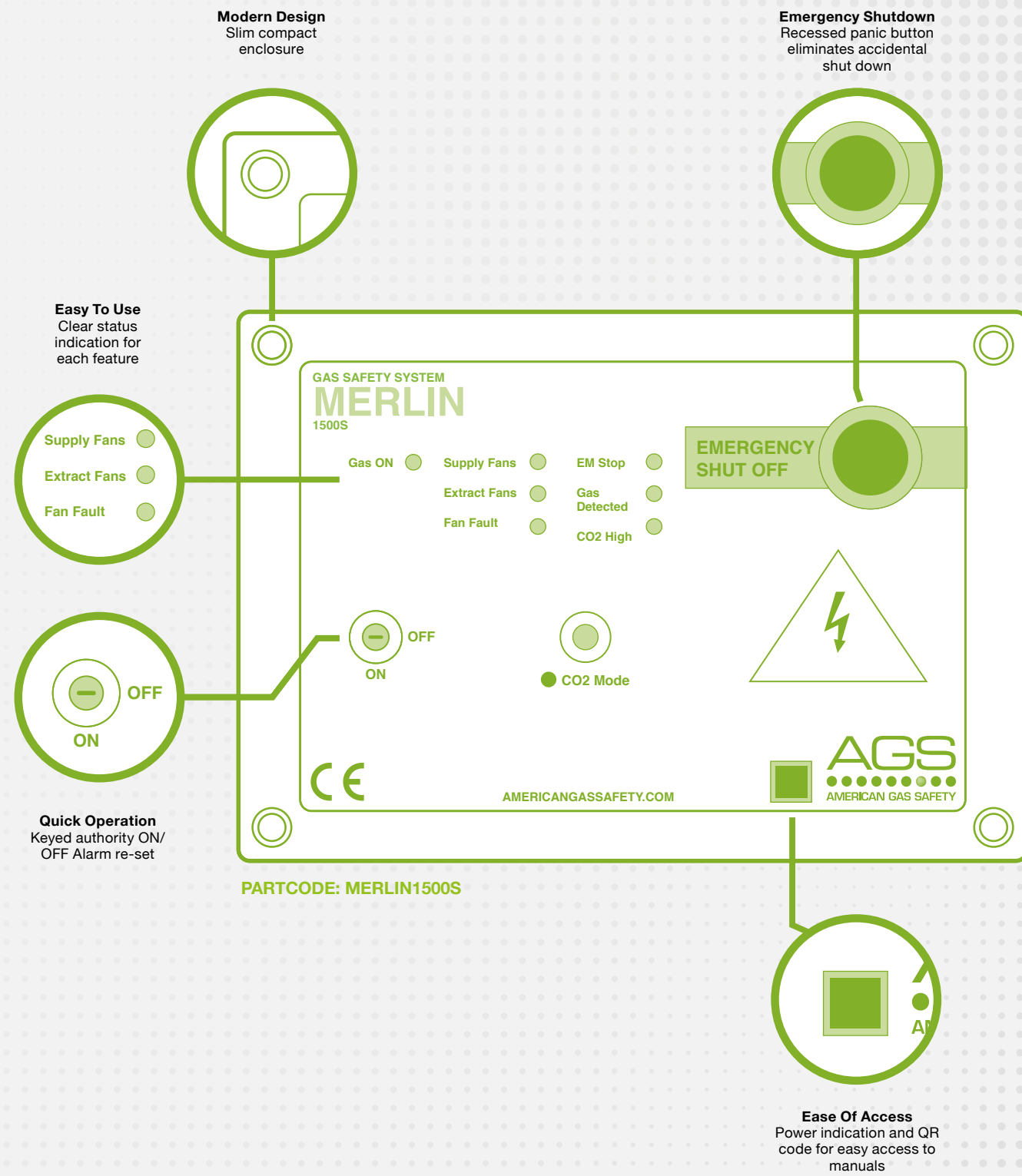
FIRE PANEL INTEGRATION



BAS INTEGRATION



ADA COMPLIANT /
UL LISTED



Turn key solutions incorporating automatic gas shut off & carbon monoxide protection

Modern and aesthetically pleasing design with life safety as the number one priority

- ✓ Automatic Gas Shutdown in an Emergency Condition
- ✓ Industrial Grade Polycarbonate material to withstand daily use
- ✓ Complies with NFPA, FCC, ICC, IMC
- ✓ Flush or wall mounted design options

Restaurant owners are realizing, now more than ever, how important it is to have safeguards in place when unexpected issues arise.

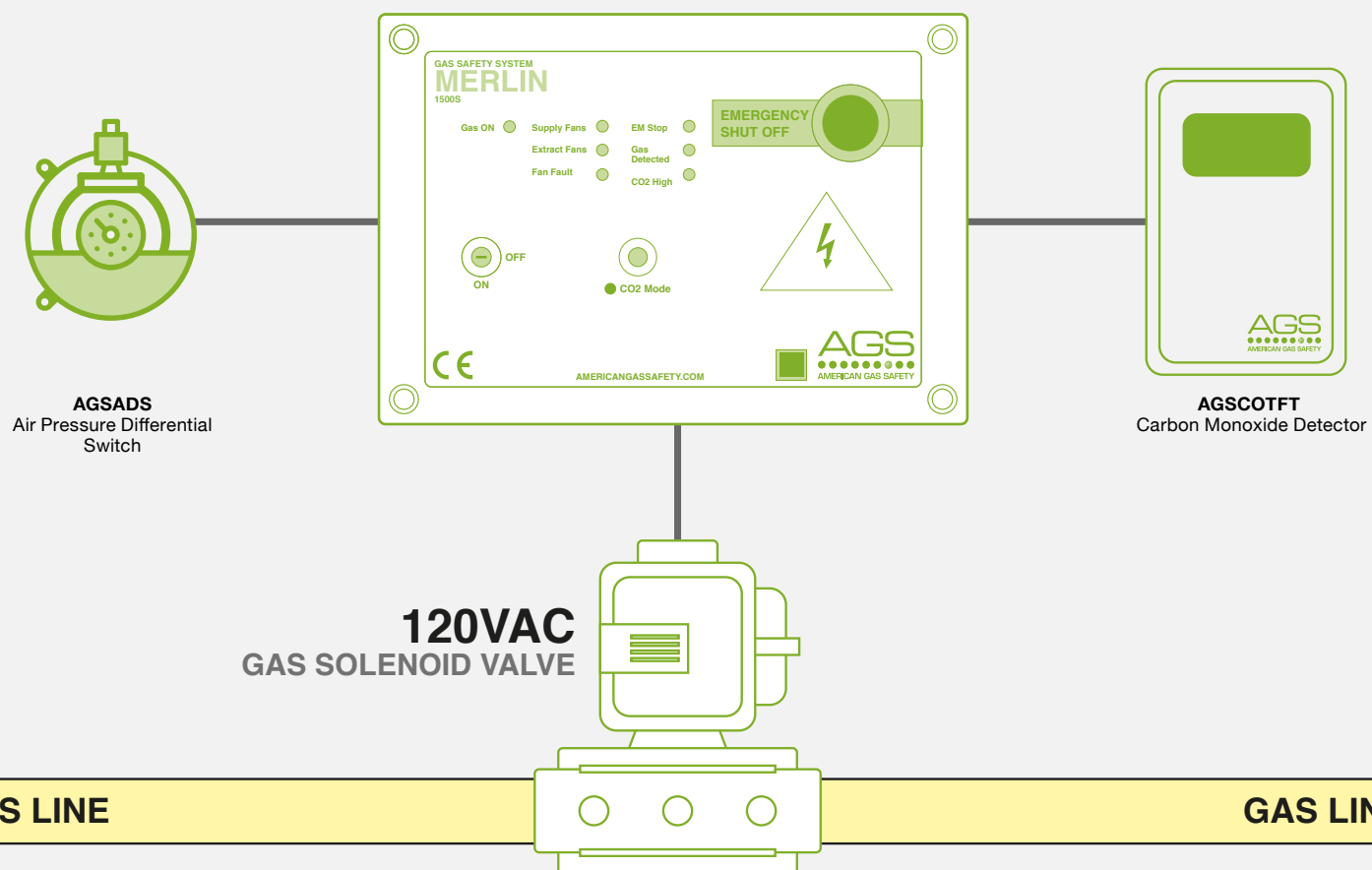
The AGS solutions are already protecting hundreds of commercial properties across the United States. With over 20 years in the marketing, developing a complete line of high quality gas safety systems which are UL certified and designed to meet all the relevant NFPA & ICC codes and standards helping your design and building be code compliant.

PERSHING
SQUARE

Encore
BOSTON HARBOR

— AMERICA'S —
TEST KITCHEN

MERLIN 1500S AUTHORITY CONTROLLER INCORPORATING CO PROTECTION & VENTILATION INTERLOCK



Choose the right controller for your application



PANIC EMERGENCY SHUTDOWN

This is your basic safety setup in a commercial kitchen to isolate gas.



PANIC EMERGENCY SHUTDOWN WITH GAS DETECTION

For smaller kitchens the Mini Merlin adds combustible gas & carbon monoxide monitoring and ensures fans are running efficiently.

In an emergency condition a panic button is used to isolate gas.



AUTHORITY CONTROL

The keyed Merlin 1500S controller provides authority over the gas supply. The Merlin systems can accept Remote Emergency Shut-Off buttons & Fire Alarm inputs to automatically shut down gas in an emergency.

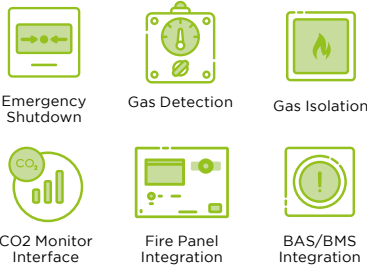
Relay outputs can communicate to Building Management Systems & fire control panels of the system status.



AUTHORITY CONTROL WITH GAS DETECTION

A carbon monoxide detector is utilized to ensure the fans are running efficiently and there is a safe working environment for kitchen staff.

A combustible gas detector can also be utilized to detect gas leaks in the kitchen and automatically shutdown the gas supply, meaning no human intervention is required and people can evacuate quickly.



Authority ON/OFF Control



Take control of your utilities & ancillaries



AUTHORITY CONTROL WITH GAS DETECTION & VENTILATION INTERLOCKING

Adding ventilation interlocking ensures the fans are running before gas can be introduced into the kitchen. This prevents the build-up of Carbon Monoxide that can be inhaled.

The Merlin controller can accept air pressure differential switches or fan current monitors to prove the fans are operating.

- Ventilation Interlock
- Monitor Up To 4 Fans
- Emergency Shutdown
- Gas Detection
- Gas Isolation
- CO2 Monitor Interface
- Fire Panel Integration
- BAS/BMS Integration



AUTHORITY CONTROL WITH GAS DETECTION, VENTILATION INTERLOCKING & GAS PRESSURE PROVING

The Merlin 2000S has the unique gas pressure proving technology which ensures there is no open kitchen appliances, gas leaks before gas can be introduced to the kitchen. The controller also monitors for high & low pressure on the mains incoming to the kitchen.

Gas pressure proving can be used with appliances that have electrical ignition & flame failure devices fitted. Appliances with standing pilots are not compatible.



- Ventilation Interlock
- Monitor Up To 4 Fans
- Emergency Shutdown
- Gas Detection
- Gas Isolation
- CO2 Monitor Interface
- Fire Panel Integration
- BAS/BMS Integration
- Unique Gas Pressure Proving

Take control of your utilities & ancillaries



AGS GAS SOLENOID VALVES

- ✓ Sizes available from 3/8" through 3" NPT. Other sizes available upon request
- ✓ Normally closed valves offer safety shut off with fast-open, fast-close operation
- ✓ Rugged design and construction
- ✓ Die cast aluminum body
- ✓ Approvals: UL, AGA, CGA, ANSI Z21.21-CGA6.5, CAN/CGA-6.5-M89/CAN/CGA-3.9-M87

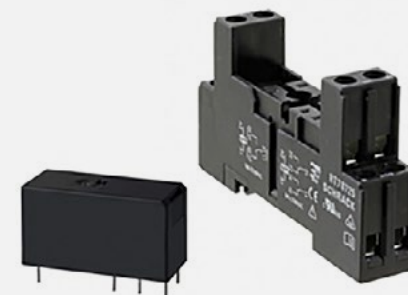
AGS ELECTRICAL CONTACTORS

- ✓ Various models available
- ✓ Most commonly used to control kitchen electrical appliances or receptacles
- ✓ Approvals: UL, GOST, CSA & CCC



AGS AUDIBLE ALARM BEACON

- ✓ 12-24V powered from Merlin controller
- ✓ Alarm/siren offers 32 selectable sounds and volume control
- ✓ 8 flash patterns
- ✓ Designed to meet the requirements of IP54



AGS DUAL RELAY PACK

Two double pole / double throw relay pack to fire panels & BMS systems includes:

- ✓ 1 x 8" x 6" x 4" metal enclosure
- ✓ 2 x 12V signaled relays
- ✓ 6 x Dry Contact NO or NC relay outputs

Emergency panic buttons

Isolate gas or power to your kitchen appliances with a panic button that can be customized to stand out in your space.



AGSEGOTW

Twist release

AGSEGOKL

Key release

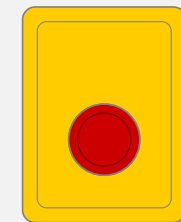
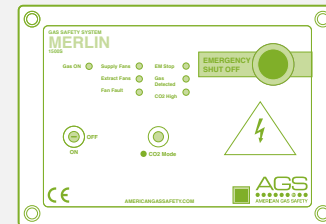
AGSEGOKLA

Key release with audible alarm



**WE HAVE VARIOUS MODELS & COLORS AVAILABLE
WITH CUSTOM TEXT OPTIONS**

Merlin 1500S
Gas control and
automatic shutdown



AGSEGOTW
Emergency Shutdown
Button Next to main
door(s).

EMERGENCY
SHUT OFF

Take precautionary action in your kitchen project

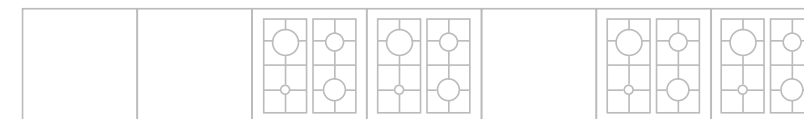
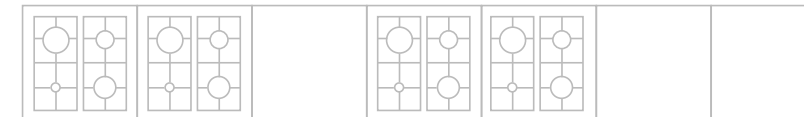
This diagram illustrates an
example room layout for
commercial kitchen control.



AGSCOTFT
Carbon Monoxide
Sensor 5ft 6" from
ground level

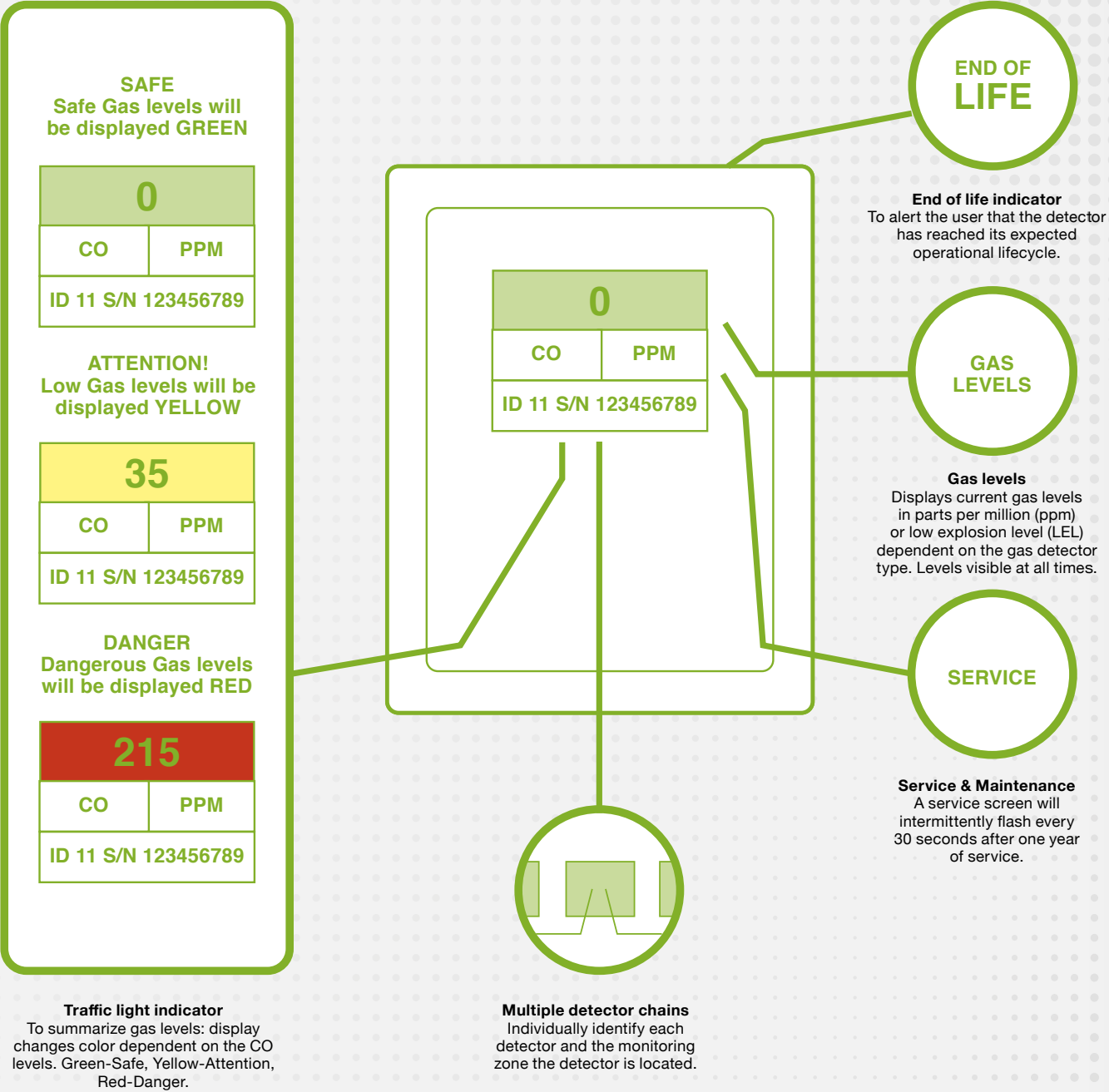


AGSNGTFT
Fuel Gas Sensor
12" from ceiling



Merlin Gas Solenoid Valves
Various sizes, voltage coil types and
models available

GAS SOLENOID VALVE ON MAIN GAS LINE BEFORE APPLIANCES



Pre-calibrated and compact gas detectors

The TFT range of AGS detectors work in combination with the AGS Merlin range of Utility Controllers and features semiconductor type sensors for commercial indoor applications.

Compact, modern, digital design makes the units aesthetically pleasing and easy to install.

- ✓ No calibration required - pre-calibrated in the factory
- ✓ Power supply 12-24V AC/DC (Supplied from AGS Merlin utility controller)
- ✓ Various outputs to work with control panels



Mounting your equipment



WALL MOUNTING

Each utility controller by American Gas Safety have been designed to be wall mounted via four bolts located at each corner by a socket wrench provided.



FLUSH MOUNTING

The AGSMK Flush Mount bracket is similar to an electrical rough in box. It allows for the electrical conduit to be brought to a space in the wall prior to the installation of the Merlin Control Panel.



SCAN WITH YOUR SMART PHONE
TO VIEW OUR FULL KITCHEN
RANGE ONLINE



For our full range of products & services visit us at
WWW.AMERICANGASSAFETY.COM



WWW.AMERICANGASSAFETY.COM

AGS HEAD OFFICE +1 (727) 608 4375

FAX: +1 (727) 538 4237

AMERICAN GAS SAFETY

EMAIL: INFO@AMERICANGASSAFETY.COM