

Outdoor Grill Safety Solution

Emergency Gas Shut-Off incorporating Built-in Connectivity to BMS and Fire Alarm.

Condominium communal areas are offering more conveniences, including gas powered grills and heaters. AGS provides the ideal safety solution. AGS manufacture safety systems that meet and exceed the most rigorous standards for gas detection and isolation.

The Merlin 1000S provides management control over the gas supply via a solenoid valve. This valve can be closed via remote emergency shut-off buttons, fire alarm interruption or an additional timer. This system allows key lock authority over the re-set function of the gas supply after an emergency shutdown. The Merlin 1000S can be located in a mechanical room away from the communal area, Relay outputs can be used to advise the building management that an emergency has occurred or be used to communicate directly with the BMS / BAS.

In the event of an emergency condition, the system will alarm and automatically isolate the gas supply protecting the communal area. The system can be equipped with additional audible alarm beacons.

Below are our most popular outdoor grill safety solutions, for further information please see page 2 of this solution sheet.

RESTAURANTS / HOTELS DECORATIVE FIRE PIT CONTROL

ON/OFF CONTROL WHERE THE CONTROL PANEL IS TO BE ACCESSIBLE BY STAFF, SUPERVISED CONTROL ON A DAY TO DAY BASIS, PER SHIFT, STAFF TRAINED TO SUPERVISE GAS SUPPLY AND UTILIZATION OF BUILT IN 8HR TIME OUT FUNCTION. MANAGEMENT KEY LOCK AUTHORITY OVER THE SUPPLY OF GAS TO A GAS TO A GAS FEATURE WITH OPTIONAL REMOVE PANIC BUTTONS, TIME OUT FEATURE AND GAS DETECTION.

MERLIN 1000S COMES WITH PRESSURE TRANSDUCER WHICH PROVIDES TWO UNIQUE SAFETY FEATURES WHEN USING GAS FEATURE WITH QUARTER TURN VALVES AT THE POINT OF IGNITION. THE 1000S PERFORMS A PRESSURE DROP TEST ON THE GAS LINE AT EACH ACTIVATION. THIS ENSURES THE APPLIANCE CONTROL TAP IS IN THE CLOSED POSITION BEFORE A STAFF MEMBER TRIES TO LIGHT THE APPLIANCE. THE PRESSURE TRANSDUCER ALSO PROTECTS THE FEATURE FROM WEAK SUPPLY PRESSURES WHICH COULD LEAD TO WIND OR DRAFTS BLOWING OUT THE FLAMES AND ALLOWING GAS INTO THE SPACE.



TIMED CONTROL FOR FIRE PITS / FEATURES

TIMED CONTROL FOR GRILLS / INDIVIDUAL CONTROL OVER MULTIPLE APPLIANCES

MERLIN SAFETY FEATURES

- > KEY LOCK AUTHORITY OVER RE-SET FUNCTION
- > CLEAR STATUS DISPLAY
- > EMERGENCY STOP GAS ISOLATION
- > GAS PRESSURE PROVING
- > BMS ADVISORY OUTPUT
- > FIRE ALARM OUTPUT
- > ADDITIONAL GAS DETECTORS
- > REMOTE EMERGENCY SHUT OFF BUTTONS
- > OPTIONAL 7DAY PROGRAMMABLE TIMER
- > 3 YEAR MANUFACTURERS WARRANTY**

** 3 YEAR WARRANTY APPLIES TO CONTROL PANEL ONLY

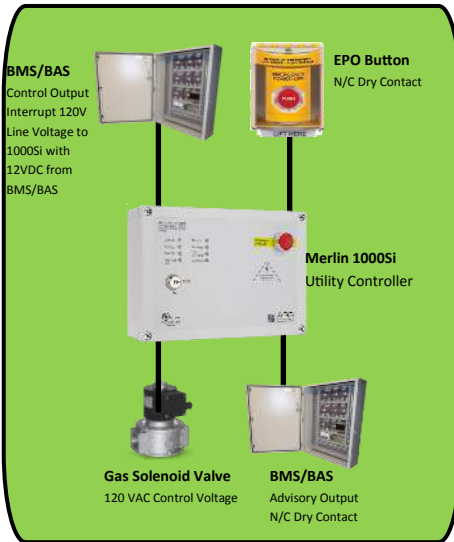
Gas Safety Systems

Utility Control

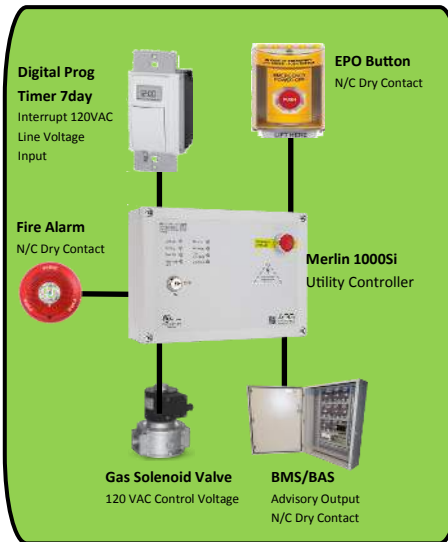
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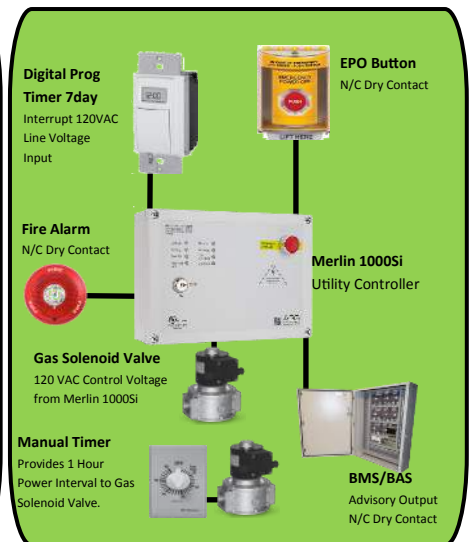
RESTAURANTS / HOTELS DECORATIVE FIRE PIT CONTROL
BASIC ON/OFF CONTROL



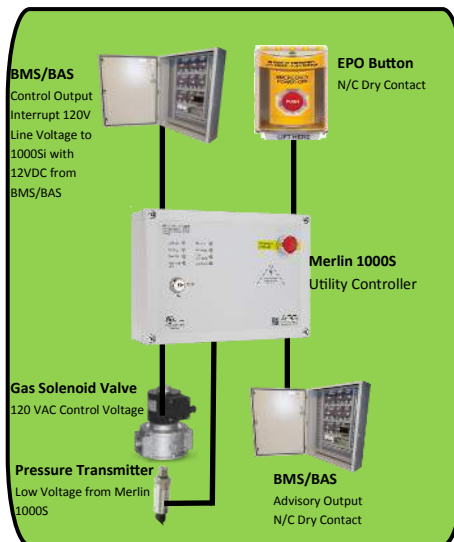
TIMED CONTROL FOR FIRE PITS / FEATURES
PROGRAMMABLE TIMER SCHEDULE



TIMED CONTROL FOR GRILLS / INDIVIDUAL CONTROL OVER MULTIPLE APPLIANCES
PROG TIMER SCHEDULE WITH INDEPENDENT



BASIC ON/OFF CONTROL INCORPORATING GAS PRESSURE PROVING



BAS / BMS SCHEDULE



PROG TIMER SCHEDULE WITH INDEPENDENT APPLIANCE DIGITAL TIMED CONTROL



Contact AGS or your local manufacturer representative today for further technical information and design guidance. American Gas Safety, protecting kitchen personnel for over 20 years.

Gas Safety Systems

Utility Control