

AMERICAN GAS SAFETY SOLUTION FOR SCHEDULED CONTROL OVER GAS SUPPLY TO ENTERTAINMENT AREAS, COMMUNAL AREAS, OUTDOOR FIRE PITS, DECORATIVE FIRE FEATURES,

The AGS system is very adaptable in nature, where ever you need to control or isolate the supply of gas within a building, provide management authority over that supply and provide alarm signals to interact with additional accessories, AGS has the perfect solution.

Management companies require a means of isolating the gas supply to communal areas and entertainment areas to reduce anti-social behavior, and to reduce the risk to the building as a whole when people are utilizing gas appliances. Many customers require a means of shutting off the gas supply during a fire alarm condition, a means of providing panic or emergency shut-down and some way of notifying the management office that such an alarm condition has occurred.

The Merlin 1000S works well for bars, restaurants and hotels, where the control panel can be situated in a convenient location for management and supervisors, the pressure proving technology makes sure the appliance's control valve is in the off position before allowing gas to be supplied and the addition of the built in time out feature provides safety back-up incase the management forgets to turn off the decorative fire pit after hours.

The Merlin 1000Si provides a modern, digital solution with options for each type of scenario, and each type of building. Whether you need BAS control over the schedule, adaptable programmable management control over the schedule or independent appliance control, the Merlin 1000Si is capable of providing a cost effective solution to the isolation requirement.

Materials List.

Merlin 1000Si - Single Output Controller

Merlin 1000S - Single Output Controller Incorporating Pressure Proving

AGSPGT7 - Digital 7 day Programmable Timer with Battery Back Up

AGSCON1P20NO - Contactor for BAS interrupt of power to Merlin 1000Si 120v x 12vac

MERLIN**** - Gas Solenoid Valve, size dependant - 120v NC 0-2PSI

AGSEPOTW - Remote Panic button, indoor rated, flush mount

AGSEPOTWWM - Remote Panic Button, Weather Proof cover

AGSMANT - Manual Twist Timer Max 1hr

AGSPGTRT12 - Digital Delay Timer, 5mins - 12hr adjustable interval timer, options include; audible run down beep, flashing run down LED, Digital Display.

BASIS OF DESIGN AMERICAN GAS SAFETY MERLIN 1000Si CONTROL PANEL AVAILABLE FROM MANUFACTURER WWW.AMERICANGASSAFETY.COM TEL: 727.608.4375

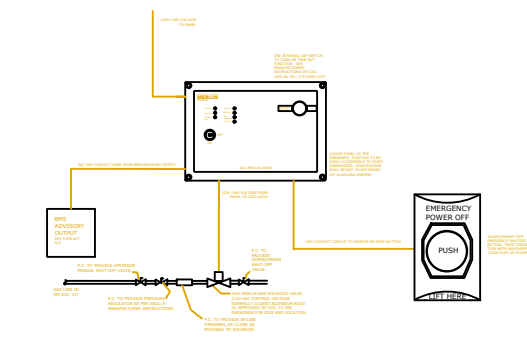
RESTAURANTS / HOTELS DECORATIVE FIRE PIT CONTROL

ON / OFF CONTROL, WHERE THE CONTROL PANEL IS TO BE ACCESSIBLE BY STAFF. SUPERVISED CONTROL IN A DAY TO DAY BASIS. HAS OVER 100FT TRAINING TO SUPERSEDE GAS SUPPLY AND UTILIZATION OF BUILT IN BWR TIME OUT FUNCTION.

MANAGEMENT WITH LOCAL AUTHORITY OVER THE SUPPLY OF GAS TO A GAS FEATURE WITH OPTIONAL REMOTE PANIC BUTTONS, TIME OUT FEATURE AND GAS DETECTION.

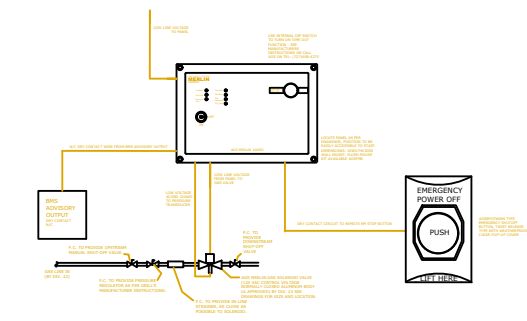
MERLIN 1000S COMES WITH PRESSURE TRANSDUCER WHICH PROVIDES TWO INDOOR SAFETY FEATURES PRESSURE GAS FEEDBACK WITH QUARTER TURN VALVES AT THE POINT OF OPERATION. THE 1000S INCLUDES A PRESSURE SHUT OFF ON THE GAS LINE AT EACH ACTIVATION. THIS ENSURES THE APPLIANCE CONTROL TAP IS IN THE CLOSED POSITION BEFORE A STAFF MEMBER TOUCHES TO LIGHT THE APPLIANCE. THE PRESSURE TRANSDUCER ALSO PROTECTS THE FEEDING FROM BREAK SUPPLY PRESSURES WHICH COULD LEAD TO WIND OR DRAFTS BLOWING OUT THE FLAMES AND ALLOWING GAS INTO THE SPACE.

BASIC ON OFF CONTROL



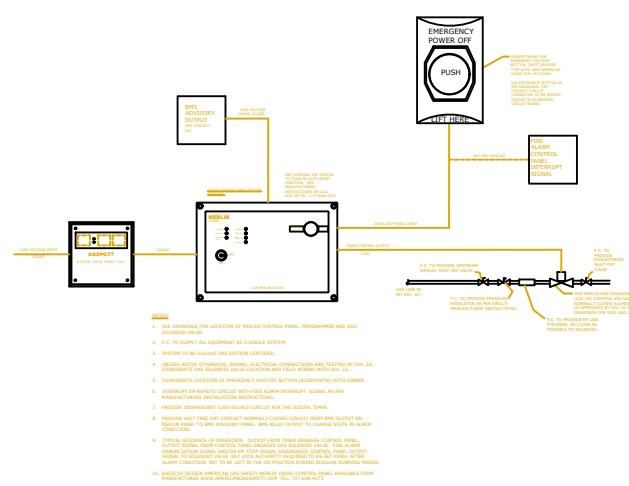
DETAIL - GAS SAFETY CONTROL FOR OUTDOOR GRILL AREA

BASIC ON OFF CONTROL INCORPORATING PRESSURE PROVING



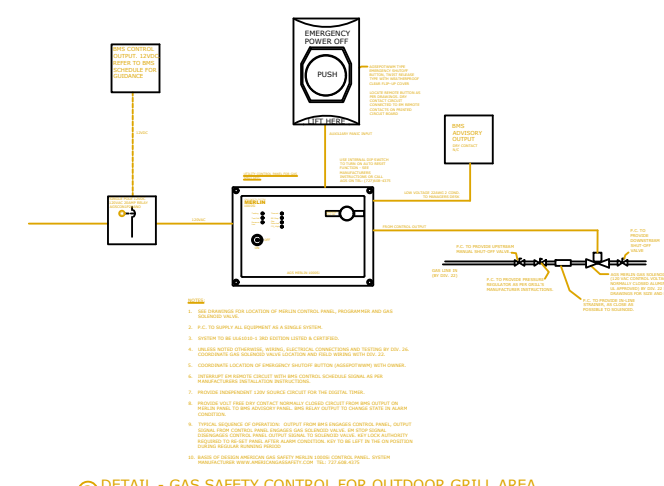
DETAIL - GAS SAFETY CONTROL FOR OUTDOOR GRILL AREA

PROG TIMER SCHEDULE



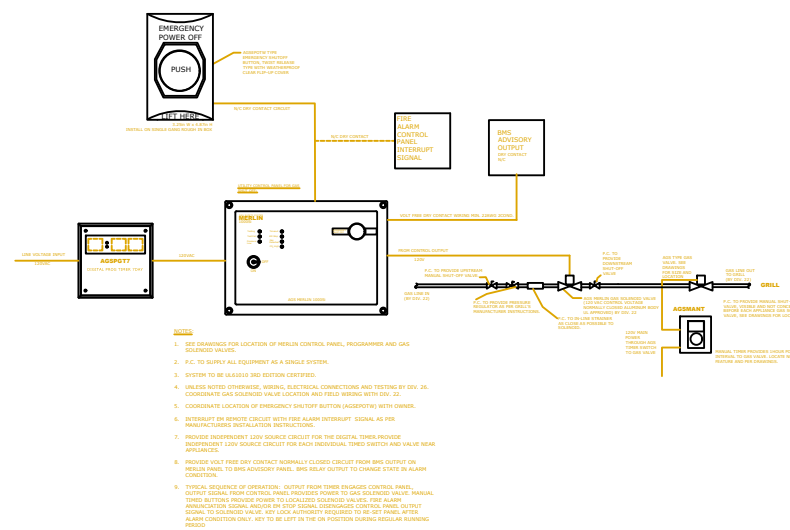
DETAIL - TIMED GAS SAFETY CONTROL FOR OUTDOOR GRILL AREA

BAS / BMS SCHEDULE



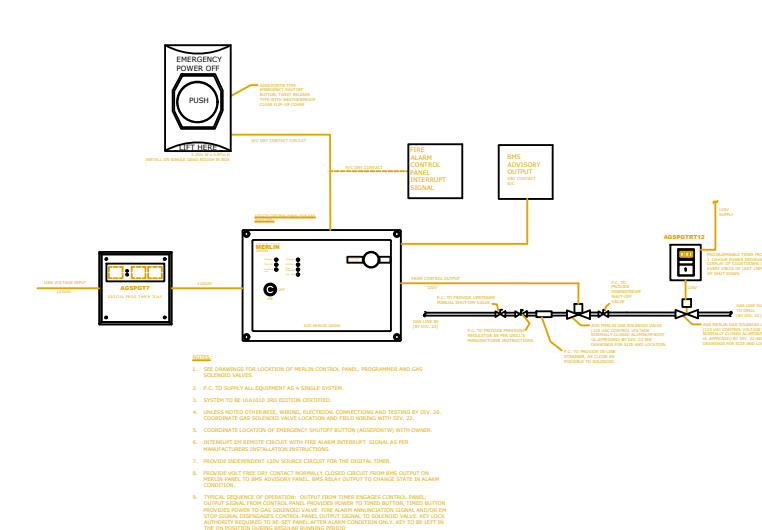
DETAIL - GAS SAFETY CONTROL FOR OUTDOOR GRILL AREA

PROG TIMER SCHEDULE WITH INDEPENDENT APPLIANCE MANUAL TIMED CONTROL



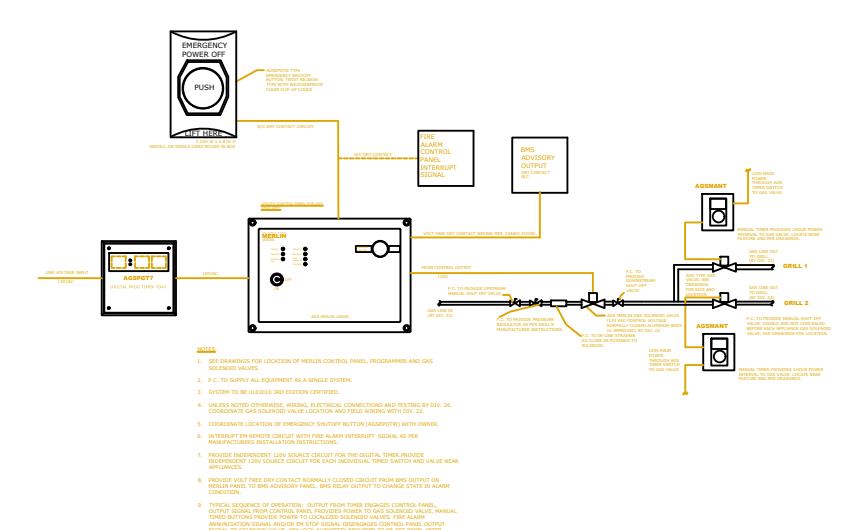
DETAIL - GAS SAFETY CONTROL FOR OUTDOOR GRILL AREA

PROG TIMER SCHEDULE WITH INDEPENDENT APPLIANCE DIGITAL TIMED CONTROL



DETAIL - GAS SAFETY CONTROL FOR OUTDOOR GRILL AREA

PROG TIMER SCHEDULE WITH INDEPENDENT APPLIANCE MANUAL TIMED CONTROL



DETAIL - GAS SAFETY CONTROL FOR OUTDOOR GRILL AREA

TIMED CONTROL FOR GRILLS / INDIVIDUAL CONTROL OVER MULTIPLE APPLIANCES

These packages provide the same safety as before, including the scheduled supply of gas via a programmable timer or the buildings own management system, along with the fire alarm shut down, remote shut off feature and the alarm indicator.

We have also included on time out selector for each individual appliance, this feature provides protection from forgetful users who leave the appliance unattended. The time out mechanism will shut down the appliance if not reset before the time has run out.

Choose from a manual twist timer, max 1hr use or an adjustable digital button with digital time display, and audible / visual indication of operation. The digital option is adjustable between 5mins and 12hrs use.