

AMERICAN GAS SAFETY FIREHOUSE CONTROL / SAFETY SOLUTION GUIDE

The Merlin range of control panels offer a perfect control solution for firehouse protection.

On / off keyed authority over the gas supply to the kitchen range, fire call annunciation signal shuts down gas supply requiring on / off reset. Fire alarm and remote panic button also de-energizes gas supply to kitchen and requires on / off reset.

Locate panel in the kitchen area, accessible to employees and end users. Locate remote panic buttons at alternative egress points. Locate solenoid as per drawings. Solenoid valves are UL listed, 110-120vac normally closed safety shut off type.

Additional services such as electric power to kitchen range, electrical power to kitchen receptacles and outdoor gas fired grills can all be controlled by a single controller via electrical contactors or additional solenoids.

Please contact AGS for more additional design solutions.

Each Merlin panel also comes with a built in time-out function which can be utilized to shut off the kitchen after 2, 4 or 8hours, or it can be turned off.

Each panel provides an advisory output signal for F.A.C.P. or BAS/BMS systems.

Materials List.

Merlin 1000Si Single Output Control Panel
Merlin 1000S+i Dual Output Control Panel
Merlin 500S Single Output Remote Control Unit

OPTIONAL GAS DETECTOR AGSNGXS
OPTIONAL CO (CARBON MONOXIDE) DETECTOR AGSCOXS

AGSFMK - Flush Mount Kit

AGSEPOTW - Remote Emergency Shut Off Button
AGSEPOTWWM - Remote Weather Proof Outdoor Emergency Shut Off Button

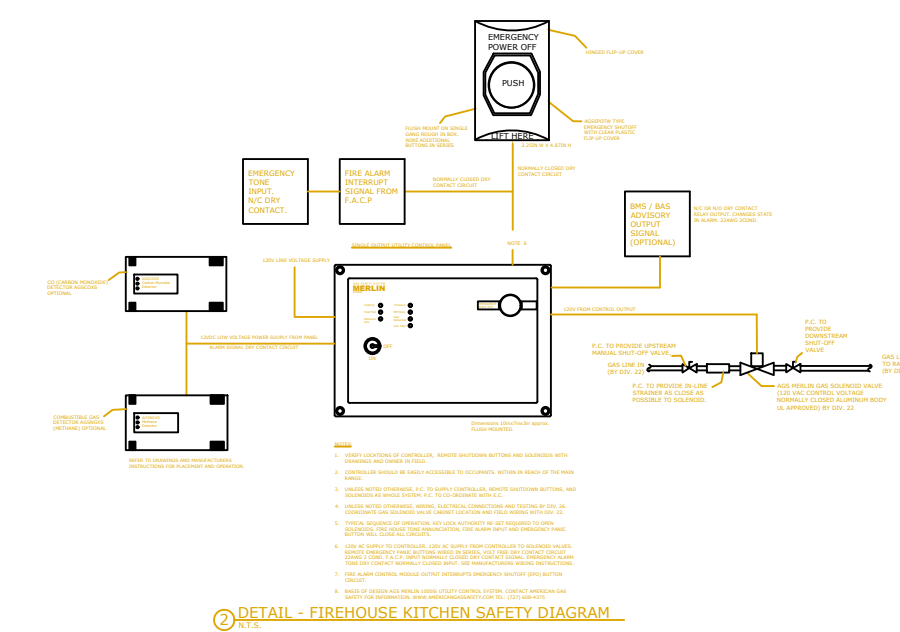
MERLIN**** Gas Valve - 120vac Normally Closed 0-2PSI - Size Specific

AGSCON2P50ANO - Electrical Contactor - 2pole 50amp 120vac
AGSCON2P20ANO - Electrical Contactor - 2pole 20amp 120vac
AGSCON4P20ANO - Electrical Contactor - 4pole 20amp 120vac

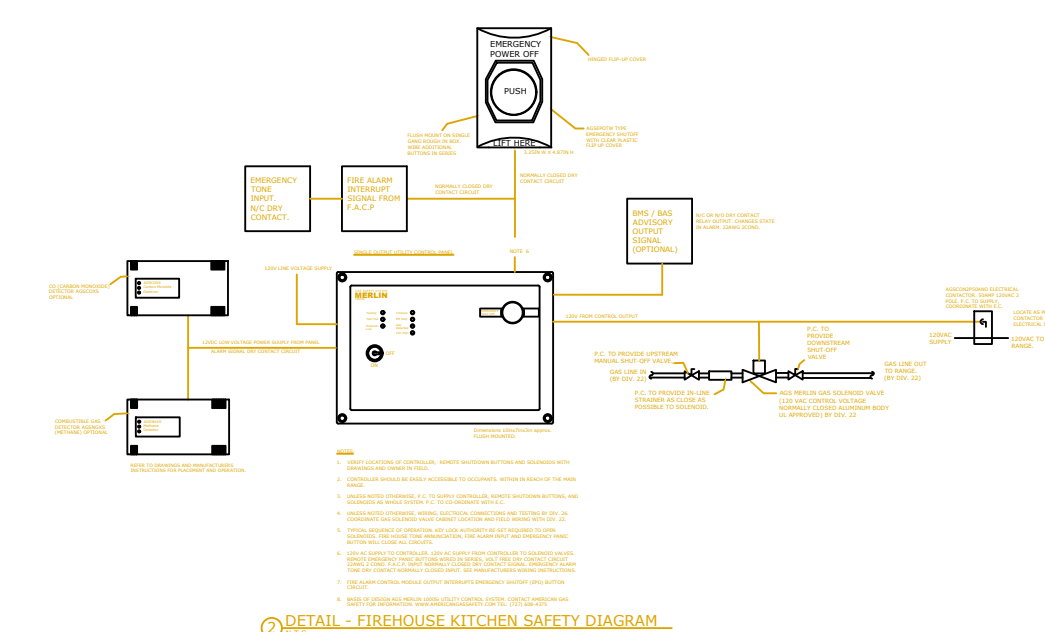
AGSCONENC10104 - Electrical Contactor Enclosure 10x10x4in

FIRE HOUSE KITCHEN CONTROL / OUTDOOR GRILL

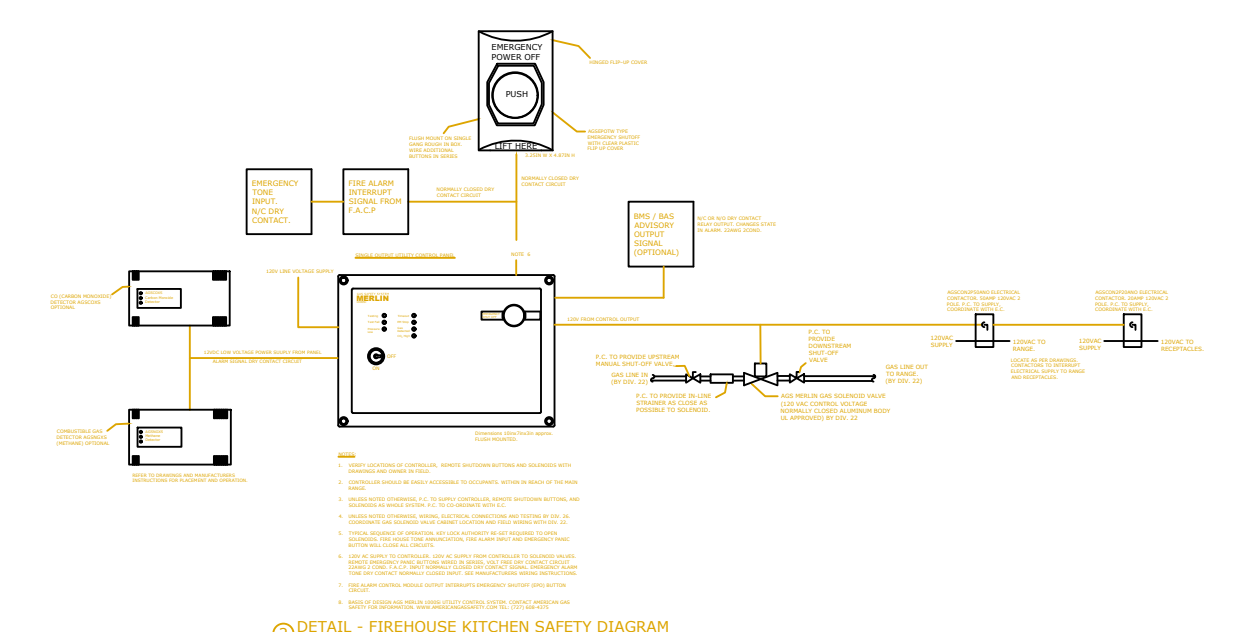
KITCHEN RANGE GAS ONLY



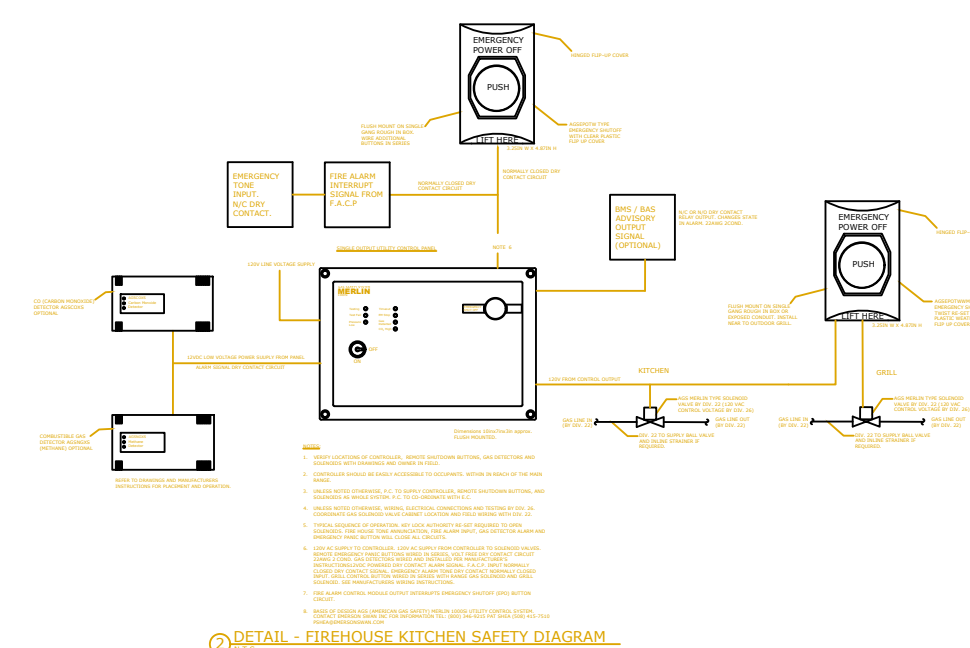
KITCHEN RANGE GAS AND RANGE ELECTRICS AND RANGE ELECTRICS



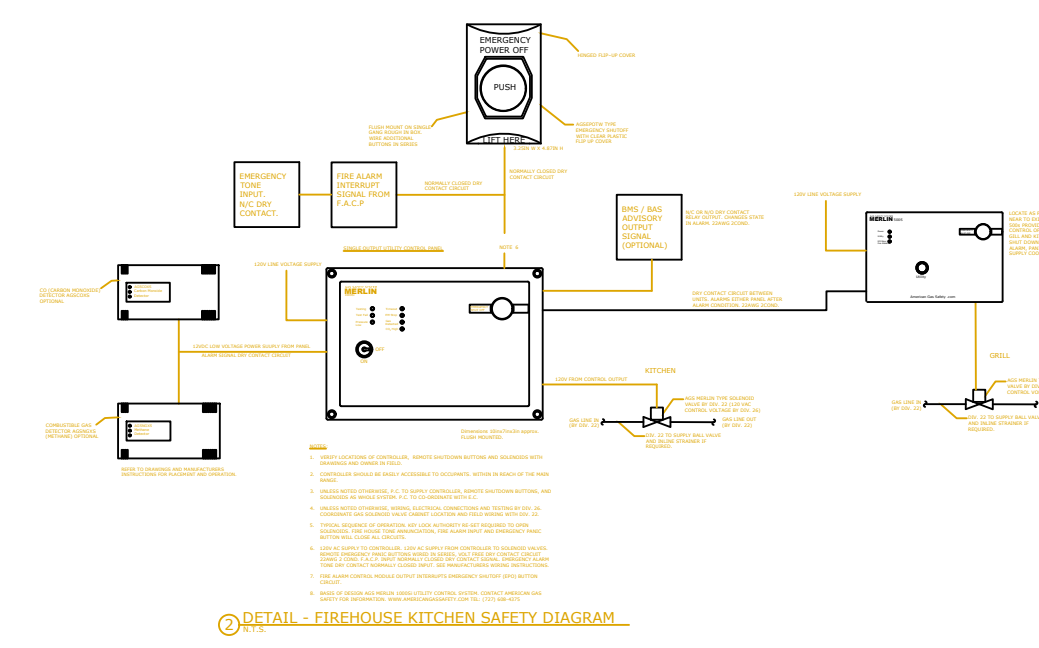
KITCHEN RANGE GAS AND ELECTRIC AND ELECTRICAL RECEPTACLES



KITCHEN RANGE GAS, OUTDOOR GRILL PANIC SHUT OFF ONLY



KITCHEN RANGE GAS, OUTDOOR GRILL INDEPENDENT CONTROL, INTEGRATED SHUT-OFF



INDEPENDENT CONTROL OF TWO GAS SUPPLIES. CONTROLLER CENTRALLY LOCATED

