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# SCIENCE LABORATORIES

A ball valve is no longer the best means of protection for gas use in a science laboratory.

The simple addition of an CGS Merlin panel can significantly improve teacher control and occupant safety within the classroom.

When using gas in a classroom environment provide more than just on off control. The merlin range of pressure proving panels provide safe start up along with low pressure and over pressure safety.

KEYED GAS,  
ELECTRIC & WATER  
SHUT OFF WITH  
OPTIONAL GAS LEAK  
DETECTION

## CGS Products Controllers

Merlin 1000S Range p14  
Merlin 1000Si Range p14

## Gas Detectors

CGSiS Range p18  
CGSi Range p18  
CGSCO2X p20

## Ancillaries

Emergency Shut Off  
Buttons p22  
Fan Control p22  
Audible Alarm Strobes p22

## Solenoid Valves

Gas Solenoid Valves p25  
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## Solenoid Valve Enclosures

Flush Mount / Wall Mount /  
Semi-Recessed p26

## Electric Control Electrical

Contactors p28  
Enclosures p28

## CGS Products Controllers

Merlin 1500S Controller pg14

## Gas Detectors

CGSiS Range p18  
CGSi Range p18  
CGSCO2X p20  
MINI MERLIN p21

## Ancillaries

Emergency Shut Off Buttons p22  
Ventilation Proving Interlock p23  
Audible Alarm Strobes p22

## Solenoid Valves

Gas Solenoid Valves p25

## Electric Control Electrical

Contactors p28  
Enclosures p28



# COMMERCIAL KITCHENS

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

CGS supply a range of emergency gas shutdown & hazardous gas detection products to provide protection against the dangers of faulty cooking equipment ventilation hoods & improper ventilation.

ADD GAS  
CONTROL &  
AIR QUALITY  
MONITORING  
FOR LIFE  
SAFETY





# BOILER/ MECHANICAL ROOMS

According to federal data, incidents related to natural gas pipelines are not uncommon, occurring nearly every other day, causing millions of dollars in property damage and several deaths each year.

Canadian Gas Safety have a solution for every commercial boiler room application. We offer a wide range of control panels, gas detectors, heat sensors, audible alarm beacons and gas solenoid valves. Whether your project is a small boiler room or a large scale mechanical room we have the knowledge and experience to offer the perfect products.



## PROTECTING BUILDINGS & LIFE FROM THE DANGERS OF GAS

### CGS Products Controllers

GDP2X (8 Zone) Controller p16  
GDPX+ (16 Zone)  
Controller p16

### Gas Detectors

CGSiS Range p18  
CGSi Range p18  
CGSTFT Range p19

### Ancillaries

Emergency Shut Off  
Buttons p22  
Audible Alarm Strobes p22

### Solenoid Valves

Gas Solenoid Valves p25

### Solenoid Valve Enclosures

Flush Mount / Wall Mount /  
Semi-Recessed p26

### CGS Products Controllers

Merlin GDP2X (8 zone) p16  
Merlin GDPX+ (16 zone) p16

### Gas Detectors

CGSTFT Range (Used with  
CGS Controller) p19  
CGSR-NDIR p19

### Ancillaries

Audible Alarm Strobes p22



## CHILLER ROOM & VRF REFRIGERANT DETECTION SOLUTIONS

# REFRIGERANT GAS DETECTION

Refrigerant is the process of cooling a space, substance or system to lower or maintain its temperature.

Canadian Gas Safety offer a range of refrigerant gas detection solutions & detectors to meet code requirements.



# PARKING GARAGE / MAINTENANCE BAYS / DEALERSHIPS

Carbon monoxide and nitrogen dioxide gas detection with ventilation control as required by NECB A-5.2.3.4(1)

Installing a CO/NO2 system stands as the sole alternative to continuously operating fans at maximum speed throughout each day, as stated by NECB.

Enclosed parking garages have traditionally relied on detection systems to monitor vehicle exhaust, primarily targeting gases like Carbon Monoxide and Nitrogen Dioxide that arise from incomplete combustion in vehicles.

One significant advantage of implementing a gas detection system in a garage is the potential for reducing expenses associated with electrical and energy consumption by automatically regulating mechanical ventilation & dampers dependent on the gas levels within the space. On average, the investment made in a gas detection system can be recovered within a year.



CO/NO2  
MONITORING  
WITH NO  
PROGRAMMING

**CGS Products  
Controllers**  
ParkSafe Controller p15

**Gas Detectors**  
CGSPS Range p20

**Ancillaries**  
Audible Alarm Strobe p22

**CGS Products  
Controllers**  
Merlin GDP2X (8 zone) p16  
Merlin GDPX+ (16 zone) p16

**Gas Detectors**  
CGSTFT Range (Used with  
CGS Controller) p19

**Ancillaries**  
Audible Alarm Strobes p22

COMPLY  
WITH SAFETY  
REGULATIONS



# WAREHOUSE / FORKLIFT / BATTERY CHARGING GAS DETECTION

Batteries produce hydrogen when they are charging, which can leak into the atmosphere and cause a potential explosion hazard if the levels rise to a dangerous level.

Warehouse facilities containing forklifts, battery charging rooms & data centers are common spaces that require hydrogen gas detection in accordance with code.



# FIRE PITS / HEATERS / GRILLS / GAS FEATURES

Communal areas are offering more conveniences, including gas powered grills, heaters & fire pits.

Control of these spaces are essential to protect life & property damage from improper use. Canadian Gas Safety provide the ideal safety solution. Local & 24/7 programmable timed control, emergency shutdown & alarm activation.

TIMED  
CONTROL FOR  
GAS FEATURES



**CGS Products  
Controllers**  
CGSTGC p15

**TGC Enclosures**  
Wall Mount p27  
Flush Mount p27

**Gas Detectors**  
CGSCH4CO Range p21  
CGSLPGCO Range p21

**Ancillaries**  
Audible Alarm Strobe p22  
Emergency Shut Off Buttons p22  
24/7 Programmable Timer p23

**CGS Products  
Controllers**  
CGS1000Si p14

**Outdoor Grill Gas Control**  
CGSTGC p15  
CGSTGC Enclosures p27

**Ancillaries**  
Audible Alarm Strobe p22  
Emergency Shut Off Buttons p22

**Apparatus Bays**  
Merlin ParkSafe Controller p15  
Audible Alarm Strobe p22  
Emergency Shut Off Buttons p22

**Gas Detectors**  
CGSPS Range p20

**Ancillaries**  
Audible Alarm Strobe p22



# EMERGENCY SERVICE STATION GAS SAFETY

When emergency service personnel rush to help, they sometimes leave their Gas or Electric ranges on. These instances can lead to embarrassing if not fatal accidents which can cause huge amounts of damage.

Canadian Gas Safety provide a simple solution to connect the annunciation alarm to an CGS controller within the firehouse which will isolate the gas or electric whenever a call comes in. If the alarm goes off and some firefighters are still cooking they can override the shutdown using a simple authority key. Apparatus/ service bays are typically connected to occupied spaces where people inhabit. The vehicles within these areas produce toxic gases such as carbon monoxide & nitrogen dioxide. Gas detection & ventilation control is essential for life protection.

PROTECTING THE  
PEOPLE WHO  
PROTECT US



# WATER LEAK DETECTION

Permanent water leak detection system aimed towards commercial properties and residential apartment blocks.

Water leak detection systems are frequently implemented in data centers, communications rooms, and other structures reliant on information technology. The importance lies in safeguarding these vital assets from fires and floods by promptly receiving notifications of any incidents, facilitating swift action for preventive measures and sometimes shutdown of water. The leakage of water from sources such as HVAC systems, AC units, water pipes, drainage, or even groundwater can result in substantial disruptions.

ROPE / PUCK  
WATER LEAK  
DETECTION



- CGS Products**  
**Controllers**  
CGSWLM p17
- Detectors**  
Sensing Cable p24  
Puck/Probe p24
- Solenoid Valves**  
Water Solenoid Valves p25
- Ancillaries**  
Audible Alarm Strobe p22

- CGS Products**  
**Controllers**  
CGSWTM p16
- Solenoid Valves**  
Water Solenoid Valves p25
- Ancillaries**  
Audible Alarm Strobe p22  
Emergency Shut Off Buttons p22



PREVENTION OF  
SCALDING FROM  
FAULTY MIXING  
VALVES

# WATER TEMPERATURE MONITORING

The CGS Water Temperature Monitor (WTM) is carefully designed for health care facilities to monitor and control the water supply system.

WTM will prevent scolding water going down the pipe and potentially burning the end user. The WTM incorporates a simple user interface to reset and/or silence alarm condition. Minimum and Maximum permitted water temperatures are configurable via the internal switch and fascia controls upon installation.

# CGS CONTROLLERS

## Merlin 1000S Range



- Features**
- ✓ Three Models - Single, Dual or Tri Utility Control Output
  - ✓ Original Gas Pressure Proving Technology With Low & High
  - ✓ Gas Pressure Monitoring
  - ✓ Key Lock Authority Prevents Tampering & Gives Teachers Full Control Over Classroom Utilities
  - ✓ Automatic Time-Out Feature
  - ✓ Quick Emergency Shutdown
  - ✓ UL 61010 Listed

**Popular Applications**  
Science Laboratories K-12, Colleges & Universities

## Merlin GDP2X



- Features**
- ✓ 8 zone gas detection system
  - ✓ Audible & Visual Alarms
  - ✓ Remote Communications
  - ✓ Fan Activation
  - ✓ Automatic & Manual Shutdown
  - ✓ Connectivity For Fire Alarms & Remote Panic Buttons
  - ✓ Custom Applications

**Popular Applications**  
Chiller Rooms, Battery Storage, Boiler Rooms, Oxygen Depletion/Enrichment & Breweries

## Merlin 1000Si Range

- Features**
- ✓ Three Models - Single, Dual or Tri Utility Control Output
  - ✓ Key Lock Authority Prevents Tampering & Gives Teacher Full Control Over Classroom Utilities
  - ✓ Automatic Time-Out Feature
  - ✓ Quick Emergency Shutdown
  - ✓ UL 61010 Listed

**Popular Applications**  
Science Laboratories K-12, Colleges & Universities



## Merlin GDPX+



- Features**
- ✓ 16 zone gas detection system
  - ✓ Audible & Visual Alarms
  - ✓ Remote Communications
  - ✓ Fan Activation
  - ✓ Automatic & Manual Shutdown
  - ✓ Connectivity For Fire Alarms & Remote Panic Buttons
  - ✓ Custom Applications

**Popular Applications**  
Chiller Rooms, Battery Storage, Boiler Rooms, Oxygen Depletion/Enrichment & Breweries



## Merlin 1500S Range



- Features**
- ✓ Interlock up to 4 fans using Air PD switches or fan current sensors.
  - ✓ Gas solenoid cannot be opened unless the ventilation system is proven to be working effectively.
  - ✓ Will accept remote emergency knock-off buttons.
  - ✓ Key switch operation gives the user full control.
  - ✓ Clear LED display for system indications.
  - ✓ Compatible with both BMS and fire alarm systems.
  - ✓ UL 61010 Listed

**Popular Applications**  
Commercial Kitchens

## CGS ParkSafe



- Features**
- ✓ Pre programmed relays & 0-10VDC output
  - ✓ No field programming required
  - ✓ Digital touch screen display
  - ✓ Monitor up to 16 individual gas detectors, their locations, gas levels and service requirements
  - ✓ UL61010 Listed

**Popular Applications**  
Parking Garage / Maintenance Bays / Dealerships



# CGS CONTROLLERS

## CGSTGC



- Features**
- ✓ Automatic Control Over Gas
  - ✓ 110V ac or 24V ac/dc Power Supply
  - ✓ Manual Reset After Alarm Condition
  - ✓ Four Time Delay Options – 30 minutes, 1 hour, 2 hours or 3 hours
  - ✓ Heaters – 110V ac or 24V ac/dc
  - ✓ Easily wall mounted and labelled PCB
  - ✓ Weatherproof cover available pg 27

**Popular Applications**  
Fire pits / Heaters / Grills / Gas features

## CGSWTM

- Features**
- ✓ 24V or 120V Power Input
  - ✓ Valve Isolation Capabilities
  - ✓ Adjustable Temperature Set Points
  - ✓ Simple & Quick Setup
  - ✓ Low Temperature Cut Off Feature Available
  - ✓ BMS/BAS Communications
  - ✓ Dry Alarm Relay & 0-10V Analog Output
  - ✓ In-Built Audible Alarm]

**Popular Applications**  
Health Care Facilities



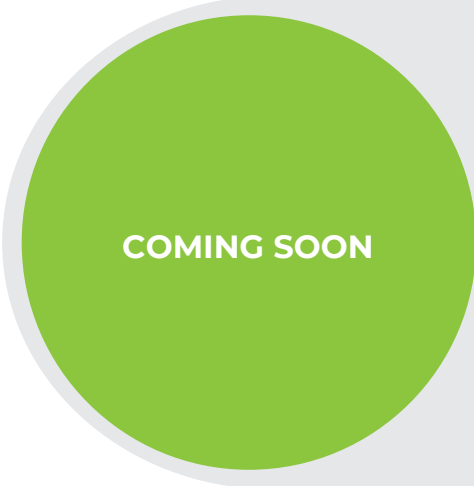
## CGSWLM



- Features**
- ✓ 24V or 120V Power Input
  - ✓ 24V or 120V Water Valve Isolation
  - ✓ Standalone or Multi-Zone With WLMZ Range
  - ✓ LED Status Indicator
  - ✓ Wiring/Cable Fault Indicator
  - ✓ BMS/BAS Communications
  - ✓ Used With CGS Sensing Cables and/or Probes
  - ✓ In-Built Audible Alarm

**Popular Applications**  
Data Centers, Water Heaters, Drip Pans

## MerlinGuard



- Features**
- ✓ TBC

**Popular Applications**  
TBC



# GAS DETECTORS

## CGSiS (With Screen)



- Features**
- ✓ 24VAC or DC Power Input
  - ✓ LED Status Indication Display
  - ✓ Modern & Compact Design
  - ✓ Plug & Play Installation
  - ✓ Standalone Detector or Used With A CGS Controller
  - ✓ BMS/BAS Communications
  - ✓ Alarm Relay Dry Contact
  - ✓ 0-10VDC Output
  - ✓ Built-In Audible Alarm

**Popular Applications**  
Commercial Spaces Such As Schools, Office, Boiler/ Mechanical Rooms, Chiller Rooms, Warehouses, Emergency Service Stations, Data Centers, Parking Garages & more

**Gases Available**  
Carbon Monoxide, Natural Gas, Liquified Petroleum Gas, Hydrogen, Carbon Dioxide, Nitrogen Dioxide, Oxygen Depletion/Enrichment, Refrigerant

## CGSTFT



- Features**
- ✓ 24VAC or DC Power Input
  - ✓ Traffic Light Indicator Display Changes Color
  - ✓ Modern & Compact Design
  - ✓ Plug & Play Installation
  - ✓ Standalone Detector or Used With An CGS Controller
  - ✓ BMS/BAS Communications
  - ✓ Alarm Relay Dry Contact
  - ✓ Built-In Audible Alarm
- Popular Applications**  
Commercial Spaces Such As Schools, Office, Boiler/ Mechanical Rooms, Chiller Rooms, Warehouses, Emergency Service Stations, Data Centers, Parking Garages & more
- Gases Available**  
Carbon Monoxide, Natural Gas, Liquified Petroleum Gas, Hydrogen, Carbon Dioxide, Nitrogen Dioxide, Oxygen Depletion/ Enrichment, Refrigerant

## CGSi (Without Screen)

- Features**
- ✓ 24VAC or DC Power Input
  - ✓ Traffic Light Indicator Display Changes Color
  - ✓ Modern & Compact Design
  - ✓ Plug & Play Installation
  - ✓ Standalone Detector or Used With A CGS Controller
  - ✓ BMS/BAS Communications
  - ✓ Alarm Relay Dry Contact
  - ✓ 0-10VDC Output
  - ✓ Built-In Audible Alarm
- Popular Applications**  
Commercial Spaces Such As Schools, Office, Boiler/ Mechanical Rooms, Chiller Rooms, Warehouses, Emergency Service Stations, Data Centers, Parking Garages & more
- Gases Available**  
Carbon Monoxide, Natural Gas, Liquified Petroleum Gas, Hydrogen, Carbon Dioxide, Nitrogen Dioxide, Oxygen Depletion/ Enrichment, Refrigerant



## CGSR-NDIR

- Features**
- ✓ Two Models Available: 24VAC Power Input & 120VAC Power Input
  - ✓ LED Indication Display Changes Color
  - ✓ Modern & Compact Design
  - ✓ Plug & Play Installation
  - ✓ Standalone Detector or Used With An CGS Controller
  - ✓ BMS/BAS MODBUS RS485 Communications
  - ✓ Alarm Relay Dry Contact
  - ✓ Built-In Audible Alarm

**Popular Applications**  
Any occupied spaces with VRF (variable refrigerant flow) systems

**Gases Available**  
R404a  
R407c  
R410a  
R32  
A2L





# GAS DETECTORS




### CGSCO2X

**Features**

- ✓ Dual Power 100-120V AC or 12-24V AC / DC
- ✓ CO2 & Temperature Monitor
- ✓ Automatically Drive Ventilation Fans To Reduce CO2 / H / T
- ✓ Modern & Compact Design
- ✓ Plug & Play Installation
- ✓ Clear TFT Screen Displays Live Gas Levels & Status Indications
- ✓ BMS & Fire Panel Connectivity
- ✓ Three Alarm Relays & 0-10VDC Output
- ✓ Fan Boost, Mute & Wake Up Button

**Popular Applications**  
Any occupied spaces  
Gases Available: Carbon Dioxide



### CGSCH4CO (Mini Merlin)

**Features**

- ✓ Combined Natural Gas & Carbon Monoxide Monitoring
- ✓ Automatic Emergency Shutdown Of Gas, Heaters & Other Equipment
- ✓ Manual Reset After Alarm State
- ✓ Plug & Play Installation
- ✓ Modern Design
- ✓ BMS & Fire Panel Connectivity
- ✓ Three Models Available For Specific Code Requirements
- ✓ UL Listed

**Popular Applications**  
Anywhere where the combustion of gas is present

**Gases Available**  
Gases Available: Carbon Monoxide, Natural Gas (Methane)

### CGSPS

**Features**

- ✓ 24VDC Power Input
- ✓ Traffic Light Indicator Display
- ✓ Modern & Compact Design
- ✓ Plug & Play Installation
- ✓ Used With The ParkSafe Controller
- ✓ BMS Communications
- ✓ Up To 16 Detectors Can Be Linked Together
- ✓ End Of Operational Life & Annual Service Notifications To ParkSafe Controller

**Popular Applications**  
Emergency Service Stations, Parking Garage / Maintenance Bays / Dealerships

**Gases Available**  
Carbon Monoxide, Nitrogen Dioxide




### CGSLPGCO (Mini Merlin)

**Features**


- ✓ Combined LPG & Carbon Monoxide Monitoring
- ✓ Automatic Emergency Shutdown Of Gas, Heaters & Other Equipment
- ✓ Manual Reset After Alarm State
- ✓ Plug & Play Installation
- ✓ Modern Design
- ✓ BMS & Fire Panel Connectivity
- ✓ Three Models Available For Specific Code Requirements
- ✓ UL Listed

**Popular Applications**  
Anywhere where the combustion of gas is present

**Gases Available**  
Carbon Monoxide, Liquefied Petroleum Gas (LPG)



# ANCILLARIES




### Emergency Shut Off Buttons

**Features**

- ✓ Twist release reset or keyed-reset
- ✓ Various colors, text & design types available
- ✓ ADA Compliant
- ✓ Indoor & Outdoor Use Models
- ✓ Quick Action Emergency Shut Off

**Popular Applications**  
Anywhere that requires emergency shut off for utilities such as gas, electric, water & air



### Ventilation Proving Interlock

**Features**

- ✓ Ensures Mechanical Ventilation Is Running Before Allowing Gas Valve To Open (When Used With CGS Commercial Kitchen Ventilation Interlock System)
- ✓ Filter Monitoring
- ✓ Low And Over Pressure Monitoring
- ✓ Alarm Activation At A Pre-Set Value
- ✓ Comes With 40" Ducting Tube And Probe

**Popular Applications**  
Commercial Kitchens

### Fan Control

**Features**

- ✓ Automatically Switches Fan On and Off
- ✓ Selectable Power Off Delay To Allow Residual Fumes To Dissipate
- ✓ Manual Key Switch Override Of The Fans
- ✓ Designed To Work In Conjunction With The Merlin Range Of Utility Systems
- ✓ Colored LED Panel States

**Popular Applications**  
Educational Buildings





### 24/7 Programmable Timer

**Features**

- ✓ Program can be repeated on a weekly basis
- ✓ Multi-volt operation from 120-277 VAC, 50/60 Hz
- ✓ To-the-minute programming for accurate load control and reduced energy costs
- ✓ Up to 28 setpoints
- ✓ Automatic Daylight Saving Time (DST) ON/OFF adjustment (factory enabled)
- ✓ Non-volatile EEPROM memory protects programming indefinitely
- ✓ Temporary override or permanent manual override available via control buttons
- ✓ 2-circuit models are field (jumper) configurable for: 2 independent outputs, DPST output, or 1 channel ON pulse/OFF pulse output

**Popular Applications**  
Fire Pits, Heaters, Grills, Gas Features





### Audible Alarm Strobes

**Features**

- ✓ Alarm/siren offers 32 selectable sounds and volume control
- ✓ Includes high intensity LEDs
- ✓ 8 Flash Patterns
- ✓ Typical Working Properties Of Polycarbonate Are -40° to 250° F
- ✓ Three year guarantee against breakage of polycarbonate in normal use (one year on electro mechanical and electronic components).
- ✓ Designed to meet the requirements of IP54.

**Popular Applications**  
Educational Buildings, Boiler/Mechanical Rooms, Chiller Rooms, Warehouse Facilities, Parking Garages, Maintenance Bays, Emergency Service Stations, Data Centers



# WATER LEAK SENSORS



CGSRP WLM 2 Core Sensing Cable

- Features**
- ✔ 2 core tape designed for water leak detection.
  - ✔ Features a sleek design that facilitates quick drying.
  - ✔ Factory-terminated lengths, available in 6, 12, 24, 48, 100 foot.
  - ✔ Custom pre-defined lengths available upon request.
  - ✔ Compact, yet robust, displaying high resistance to abrasion and corrosion.
  - ✔ Identifies water presence along its entire length.
  - ✔ Compatible with monitoring by the CGSWLM.

CGSPLRP WLM 4 Core Sensing Cable

**Features**

- ✔ 4 core tape designed for water leak detection.
- ✔ Includes fault detection, indicating incorrect wiring or faulty cable.
- ✔ Features a sleek design that facilitates quick drying.
- ✔ Factory-terminated lengths, available in 16, 32 or 65 foot.
- ✔ Compact, yet robust, displaying high resistance to abrasion and corrosion.
- ✔ Identifies water presence along its entire length.
- ✔ Compatible with monitoring by the CGSWLM.



CGSP WLM Puck / Probe

- Features**
- ✔ Connect up to 8 sensors in parallel up to 200ft using 22AWG twisted pair.
  - ✔ Can be used to detect water or the absence of water.
  - ✔ Will not alarm due to condensation or humidity.
  - ✔ Designed to detect nonflammable conductive liquids (distilled water cannot be detected)
  - ✔ Compatible with monitoring by the CGSWLM

# SOLENOID VALVES



Gas Solenoid Valves

- Features**
- ✔ Zero Differential
  - ✔ 110V/120V ac 50/60HZ
  - ✔ Visual Power Indication
  - ✔ 0-5 PSI Max Working Pressure
  - ✔ ¼" Inlet & Outlet Ports
  - ✔ Body: Toughened Die Cast Aluminum
  - ✔ Max Temp: 140°F, Min Temp 5°F
- Other models available, sizes ranging from ½" – 6"

**Popular Applications**  
Science Laboratories, Commercial Kitchens, Boiler/Mechanical Rooms, Gas Feature Control, Emergency Service Stations

Water Solenoid Valves

**Features**

- ✔ 120VAC, 24VAC or 24VDC Models Available
- ✔ Normally Closed Safety Shut Off
- ✔ UL Listed
- ✔ NSF Approved Lead Free Brass Body
- ✔ Various Models & Pressures Available
- ✔ ½" – 2" NPT Available

**Popular Applications**  
Educational Buildings, Commercial Buildings




General Purpose / Specialty Solenoid Valves

- Features**
- ✔ 120VAC, 24VAC or 24VDC Models Available
  - ✔ Normally Closed Safety Shut Off
  - ✔ UL Listed
  - ✔ Various Models & Pressures Available
  - ✔ ½" – 2" NPT Available

**Popular Applications**  
Any application where non drinkable water or air control is required

# SOLENOID VALVE ENCLOSURES



Flush Mount / Wall Mount / Semi-Recessed

**Features**

- ✔ Designed to enclose electrical and/or electronic equipment and protect against harsh, industrial environments for wall-mount applications.
- ✔ Hidden hinges and various latching systems
- ✔ A wide range of sizes and practical accessories available.

**Popular Applications**  
Educational Buildings, Commercial Buildings

Access panels


**Features**

- ✔ Material: Up to 16" X 16" - 16 gauge, 18 gauge mounting frame, over 16" X 16" - 14 gauge door, 16 gauge mounting frame
- ✔ Door: Flush to frame with rounded safety corners
- ✔ Mounting Frame: One piece outer flange welded to mounting frame
- ✔ Hinge: Continuous, concealed
- ✔ Latch: Stainless Steel screwdriver operated cam latch
- ✔ Optional Latches/Locks: Cylinder lock and key, allen head cam latch, spanner head cam latch, torx head with security pin
- ✔ Finish: Steel: 5-stage iron phosphate preparation with prime coat of White alkyd baking enamel OR Stainless Steel: Type 304 - #4 satin polish

**Popular Applications**  
Educational Buildings, Commercial Buildings



# TGC ENCLOSURES



TGC Enclosures

**Features**

- ✔ Flush or wall mount type available
- ✔ Polycarbonate cover used to protect AGSTGC without restricting legitimate operation
- ✔ Provides protection against physical damage, dust, grime and severe environment conditions inside and out
- ✔ Can be used for indoor or outdoor applications

**Popular Applications**  
Gas Feature Control, Emergency Service Stations





# ELECTRICAL CONTROL

## Electrical contactors

**Features**

- ✔ 4 pole, normally open relays
- ✔ Size S00
- ✔ High degree of contact stability at low voltages & current
- ✔ Suitable for use with solid-state circuits with currents  $\geq 1$  mA at a voltage of  $\geq 17$  V
- ✔ Capable of expansion by up to four contacts through use of snap-on auxiliary switch blocks
- ✔ Standards: IEC/EN 60947-1, IEC/EN 60947-4-1, IEC/EN 60947-5-1
- ✔ Approvals: UL listed / UL listed for Canada

**Popular Applications**

Educational Buildings, Commercial Buildings



## Electrical contactor enclosures

**Features**

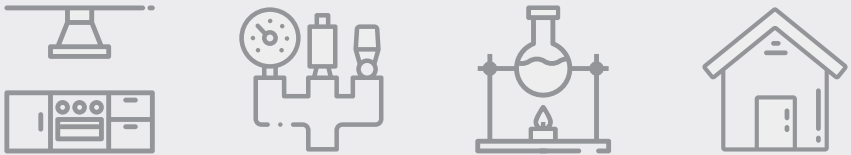
- ✔ Various sizes available
- ✔ Formed and spot welded from 16 or 14 gauge steel depending on size.
- ✔ Formed steel covers close by use of slotted quarter turn latch.
- ✔ Full swing door using butt hinges.
- ✔ Easily removed knockouts on all 4 sides (see drawings for sizes and locations)
- ✔ Through holes in back for wall mounting.
- ✔ Grounding location embossed in body.
- ✔ Enclosure and cover are finished in ANSI 61 gray powder coating. Type 1 lock kit

**Popular Applications**

Educational Buildings, Commercial Buildings



SCAN WITH YOUR SMART PHONE TO  
VIEW OUR FULL RANGE ONLINE



For our full range of products & services visit us at  
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