

274 Church Street  
Onehunga  
Auckland

**System Control Engineering NZ Ltd**  
For Gas, Combustion & Control Equipment



**THE GAS BIZZAZZ BULLETIN**

November 2008



## Diaphragm Gas Meters

We stock Samtech gas meters in a range of sizes for sub-metering of rental flats, apartments, shops etc. All meters are supplied with 20mm or 25mm unions.

Model	Capacity
G4 AL	6 m <sup>3</sup> /hr
G6 AL	10 m <sup>3</sup> /hr
G10 AL	16 m <sup>3</sup> /hr



- Affordably priced
- Low registration rate
- Suitable for LPG or natural gas
- Fitted with synthetic diaphragms
- Low frequency pulse output (upon request)
- Meters supplied with couplings and gaskets

Phone: 09 636 1401 Fax: 09 636 1525  
Email: [sales@systemcontrol.co.nz](mailto:sales@systemcontrol.co.nz)  
[www.systemcontrol.co.nz](http://www.systemcontrol.co.nz)



# Dave's Technical Tip

## LEAKAGE PROTECTION SYSTEM

**SCHOOL LABORATORIES, COMMERCIAL KITCHENS, MULTI-STOREY BUILDINGS, FOOTBALL STADIUMS**

On start-up, how do you check a gas supply system with multiple outlets such as a commercial kitchen or a school science laboratory where the gas is turned off each day or a multi- storey building where an emergency evacuation causes shutdown of the building services.

Gasguard provides a simple, safe, established procedure to re-introduce gas to the system only when a pressure criterion is reached that indicates an absence of gas flow/leakage.

The GASCHECK gas shut off protection device is composed of high quality approved gas components to ensure safe and reliable protection for any system.

Typical uses are:

- Kitchens
- Boiler rooms
- Fume cupboards
- School Laboratories
- Multi-story buildings

Available in pipe sizes from 15mm to 150mm, the system is inexpensive and simple to use.

System Requirements

- 240 Vac power supply
- Gas of any type & pressure

Basic Operation:

The downstream gas pipework is monitored by a pressure switch. To activate the gas supply - all devices downstream must be gas tight or the pressure switch will not allow the main gas valve to open.



Gascheck Control Unit



By Pass Valve



Pressure Switch



## This Month's Competition

**What is the name of the modernistic spire in central Auckland?**

Send your answer, name and preference of wine along with your contact details by the 30 November 2008 to:-

Email: [competition@systemcontrol.co.nz](mailto:competition@systemcontrol.co.nz)

Fax: 09 636 1525

All correct answers will go in a draw to win a bottle of red or white wine.

Prize will be dispatched with next order placed with System Control Engineering NZ Ltd.

## Last Months Competition

**Question:** What is the carrot capital of New Zealand?

**Answer:** Ohakune

**Congratulations**

Congratulations to Jason Sealey from Chesters Plumbing & Bathroom Centre who was the winner of last months competition. A bottle of wine will be on its way to you with your next order.



## Quote of the Month

*The strongest muscle in the body is the tongue.*

BACHARACH  
Leak Detectors  
Flue Gas Analysers

BRAHMA  
Pilot Burners  
Burner Controls  
Ignition Transformers  
Gas Solenoid Valves

BROMIC  
Appliance Regulators

CAMPINI  
Thermostats

CATOBA  
Pilot Controls  
Gas Valves

DIGITRON  
Digital Manometers

DORMONT  
Flexible S.S. Connectors  
Quick Disconnect Couplings

DUNPHY  
Gas, Oil & Dual Fuel Burners

ECOFLAM  
Package Burners

GECA  
Gas Detectors  
CO Detectors

FLAMEFAST  
Hot Metal & Heat  
Treatment Equipment

ITAP  
Gas Ball Valves

JEAVONS  
OPSO Regulators  
Appliance Regulators

KROMSCHRODER  
Gas Filters  
Gas Meters  
Pilot Burners  
Pressure Switches  
Gas Solenoid Valves

NAMCO  
Combustion Equipment

OARA  
LP Gas Regulators

PH PRODUCTS  
Smoke Pallets

POLIDORO  
Blade Burners  
Atmospheric Burners

REGO  
LP Gas Regulators

RIELLO  
Package Burners

ROBERTSHAW  
Pilot Burners  
Thermocouples  
Gas Control Valves

SATRONIC  
Burner Controls

SCE  
Test Points  
Petes Plugs  
Test Nipples  
U-Tube Manometers

SEITRON  
Gas Detectors

SHERWOOD  
Auto Changeover Regulators

SIT  
FFD's,  
Flame Rods  
Gas Controls  
Ignition Electrodes

WHITE-RODGERS  
Gas Control Valves