



274 Church Street
Onehunga

System Control Engineering NZ Ltd

THE GAS BIZZ BULLETIN
March 2010

"QUICK PICK" OUR MOST POPULAR ITEMS

Appliance Regulators

BM6160593 (3/8") c/w Test Point
BM6160590 (1/2") c/w Test Point
BM6160798 (3/4")

Inlet: 5.00 kPa
Press: 0.85-1.25 kPa
Flow: 2.4 M³/hr



Dormont

Stationary Gas Connectors

Quick Disconnect Couplings

Stainless Steel Flexible Connectors



Pilot & Accessories

CB1334 (3 Way Adjustable Pilot, NG)

CB1335 (3 Way Adjustable Pilot, LPG)

CC03500 (Piezo Ignitor)

L6006 (1000 mm Pre-Cut HT Lead)



Combustion Analyser

Bacharach Fyrite 60 Portable Combustion Analyser



Gas Check Meters

Up to 7.5 M³/hr, complete with Bracket & Unions. Ideal for Food Halls, Apartment Buildings etc



Robertshaw Gas Controls

R220RTSP59*

Hot Water Cylinder Control

Natural Gas & LPG



CO Detector



GE.ID155 Portable Carbon Monoxide Detector

Gas Detector

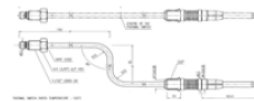
Bacharach Leakator Junior Portable Gas Detector



RTS550UN

Hot Water Cylinder Thermocouple

With built in 102°C Thermal Cut-out



CO Alarm ARC-FCD3EC

Optional wall mount

Battery powered

85dB siren

Portable



LPG Auto Changeover

BM6060543

8kg/hr (400mJ)

2 x 600mm Pigtails

Mounting brackets



Test Points

G0990 (1/8" BSP)

G0991 (1/4" BSP)

G0992 Pete's Plug (1/4" BSP)

G0993 Pete's Plug Adaptors



Digital Manometer

DG-PM80

(0 - 13kPa Selectable Units)



Jeavons Regulators

J78, 1/2" - 1" Appliance regulators

J48, 3/4" - 2" Commercial regulators

J125, 3/4" - 2" Over pressure shut off regulators



Universal Thermocouples

CC40600 (600 mm Long)

CC40900 (900 mm Long)

CC41200 (1200 mm Long)

CC41500 (1500 mm Long)



Phone: 09 636 1401 Fax: 09 636 1525

Email: sales@systemcontrol.co.nz

www.systemcontrol.co.nz



Dave's Technical Tip

Did you know

Earthquake/Seismic Devices

Earthquake triggers do not trigger earthquakes!

Earthquake protection systems can be divided into two types for sensing/detecting and providing protection for gas supply lies.

1. Mechanical System—California Valve



The mechanical system is independent of electrical power supply and is completely self-contained. One type principally relies on an internal steel ball **balanced on** a lever and when subjected to seismic activity of the correct magnitude, releases and closes the gas valve instantly.

Reset requires a manual action to position the ball and open the gas valve.

Pressure drop through the valve is minimal. Mounting can be in horizontal or vertical pipelines.

These valves are Underwriters Laboratory listed in the USA and Canada, certified by the California Division of the State Architect and approved by the City of Los Angeles, known to experience the odd shake.

2. Electrical System—Vibcon



The electrical system comprises a safety shut-off valve, usually a 240 volt solenoid and a seismic detector, wired in series with the solenoid valve.

The seismic detector is mounted on the building wall and wired directly to the shut off valve location.

The Vibcon is approved by the Tokyo City Fire Defence Agency, also known for occasional shakes.

A basic requirement of both systems is **that restoration** of the gas supply must involve a manual reset operation ie: restoration of power does not open the solenoid until downstream is made safe.

BACHARACH
Leak Detectors
Flue Gas Analysers

BRAHMA
Pilot Burners
Burner Controls
Ignition Transformers
Gas Solenoid Valves

BROMIC
Appliance Regulators

CAMPINI
Thermostats

CATOBA
Pilots
Controls
Gas Valves

DIGITRON
Digital Manometers

DORMONT
Flexible S.S. Connectors
Quick Disconnect Couplings

DUNPHY
Gas, Oil & Dual Fuel Burners

ECOFLAM
Package Burners

GECA
CO Detectors
Gas Detectors

FLAMEFAST
Hot Metal & Heat
Treatment Equipment

ITAP
Gas Ball Valves

JEAUVONS
OPSO Regulators
Appliance Regulators

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

MADAS
Gas Filters
Regulators

NAMCO
Combustion Equipment

OARA
LP Gas Regulators

PH PRODUCTS
Smoke Pellets

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

Smoke Pellets



SMRV/S100401

Do you need more Smoke Pellets?

- Tube of 6
- 30 second burn time
- 18 m3 of Non Toxic White Smoke

Don't forget
we sell
Gas Leak
Detector
Spray



Now only \$8.00+GST+Freight

Quote of the Month

"We make a living by what we get, we make a life by what we give"

Winston Churchill