



274 Church Street  
Onehunga

System Control Engineering NZ Ltd

THE GAS BIZZ BULLETIN

April 2010

# SIMMERSTATS

## GENUINE ROBERTSHAW SIMMERSTATS

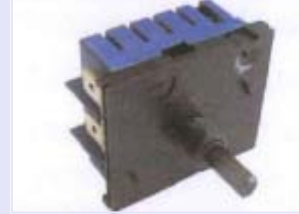
### NOW AVAILABLE AT SCE

ENERGY REGULATOR  
SINGLE POLE RSM3V-102K



Integrated Pilot  
75° C.W Simmer Angle

ENERGY REGULATOR  
SINGLE POLE RSMD3-110K



Isolated Pilot  
Divided Load

ENERGY REGULATOR  
SINGLE POLE RSMD3V-800K



Isolated Pilot  
Divided Load

ENERGY REGULATOR  
SINGLE POLE RSMP101-C



Isolated Pilot  
Solid Shaft

# MICROTEMP

DIGITAL INFRARED THERMOMETERS

## INFRARED NON-CONTACT TEMP GAUGE



### Uses

- Read surface temperature without contact
- Automotive diagnostics  
heating / air-conditioning / cooking / food preparation & many others

### Specifications:

- Temperature range  $-60^{\circ}\text{C} - 500^{\circ}\text{C}$
- Laser sight for pinpoint accuracy
- Response time: 1 second
- Accuracy (Tobj=15-35°C, Tamb=25°C):  $+ / - 1^{\circ}$
- Modes: Max, Celsius and Fahrenheit

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)

# EVERY APPLIANCE REQUIRES A REGULATOR

Regulators are usually the first control in the pipeline after the isolating valve and are basically the heart of the burner gas control system. They provide constant gas supply pressure regardless of the variations and fluctuations in both inlet gas pressure and downstream changes in gas demand.

Inlet gas pressure changes can be caused by other appliances operating on and off and is exaggerated by inadequate pipe sizing.

A larger gas appliance will also starve a small appliance of gas if piping is sized wrongly, shown by a low pressure reading at the inlet of the small appliance during operation of both appliances.

Read our next month's Gas Bizz for more information on Regulators...

## POPULAR REGULATORS THAT ARE AVAILABLE AT SCE



Appliance Regulators  
3/8" to 3/4"



Jeavons J78  
Regulators 1/2" to 1"



Jeavons J48  
Regulators 3/4" to 2"



Jeavons J125  
Regulators 3/4" to 2"

# LOW PRESSURE AIR PRESSURE SWITCHES



### White Rodgers 770-1 (Air)

- SPDT switch that can be actuated by a positive, negative or a differential pressure with a field adjustable operating range
- 0.175-30mbar

Part Number: W0201

## IDEAL FOR EXTRACT HOOD INTERLOCK WITH SOLENOID VALVE

### Kromschroder VAS series

- Fast open and close
- Slow open and close
- Combination valve
- 50 kPa maximum pressure
- 15-125mm sizes available
- Various voltages
- C/W screwed flanges

Part Number: KR151120F0



Don't forget we sell Gas Leak Detector Spray



# SMRVS100401

Now only \$8.00+GST+Freight

### Quote of the Month

"No one, Eleanor Roosevelt said, can make you feel inferior without your consent. Never give it." Marian Wright Edelman

- 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
- JEAVONS  
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 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