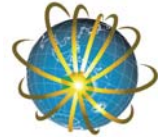


The Firing Line



Brought to you by
System Control Engineering Pty Ltd



A.C.N. 006 491 881

New Products



BRIELLO BURNERS



System Control is proud to announce that we are now distributors of the world famous Riello burner range. As a world leader in combustion technology since 1920, Riello designs and builds dual-fuel, gas, low NOx, oil & pre-mix burners.

Riello burners deliver unbeatable performance and reliability across the full range of residential and commercial heating applications, as well as in the most demanding industrial processes. We will have available a broad range of Riello Burner models, including:

Gas Burners	Oil Burners	Dual Fuel Burners
<ul style="list-style-type: none">■ 40 Series■ Gas Series■ Gulliver Series■ Modubloc Series■ RS Series	<ul style="list-style-type: none">■ 40 Series■ Gulliver Series■ Modubloc Series■ Press Series■ RL Series	<ul style="list-style-type: none">■ Modubloc Series■ RSL Series

Riello burners will complete our outstanding burner range, which already includes the successful **Ecoflam**, **North American** & **Kromschroder** ranges. We have also introduced **NBP** to complement our Air / Heat burner range.

We stock a comprehensive range of Flame Safeguard Controls, Gas Valve Trains, Meters & Regulators to suit all burners.



With this massive range, excellent technical support and over 40 years of industry experience, it is easy to see that **System Control** are the **BURNER SPECIALISTS**.



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Popular Products

AKO - THERMOMETER & TEMPERATURE CONTROLLER

RS
AKO
14123



- Range: -50°C to +99°C
- Accuracy: +/- 1°C
- Sensor Type: NTC
- Sensor Length: 1.5 meters
- Operating Ambient Temperature: 5°C to 50°C
- Supply Voltage: 230 VAC

Adjustable defrost, differential and protection compressor delay time

WHITE RODGERS - UNIVERSAL THERMOCOUPLE

W
0151



- Lengths: 450mm - 1200mm
- Stainless steel element construction for prolonged life
- Kits individually packaged
- Visible instructions for quick, easy installation
- Also available with an interrupter block in the 600mm length model

JEAVONS - OPSO REGULATOR

J
125



- Inlet Pressure Maximum: 860 kPa
- Outlet Pressure Maximum: 14 kPa (20 & 25 mm)
35 kPa (40 & 50 mm)
- 20 - 50 mm thread (Flanged on request)
- Mount horizontal or vertical

Staff Developments

New Appointment - Sam Elms



System Control is proud to announce that Sam Elms has joined our Queensland office.

Sam has a wealth of experience, dating back to 1965 where he joined the Gas & Fuel as an apprentice Plumber & Gas Fitter.

Sam has held technical positions at respected gas companies such as Allgas Energy & Hyde Combustion. His roles included oil to gas conversions and the design & installation of burners. Sam currently holds a Gas Work Authorisation for the installation, modification & servicing of Type B appliances.

Products Of The Month



With over 20 years of experience in the gas industry, NBP Combustion Systems remain a leading designer and manufacturer of industrial burners.

AIR / HEAT BURNERS

NBP Air / Heat Burners are designed for combined applications. In these applications it is necessary to increase and mix process air temperature with combustion gases.



FEATURES

- Low emissions
- Direct spark ignition or pilot ignition
- Uniform, smokeless & stable combustion even at very high turndown capacities
- ES & ESX series can be assembled from straight sections, tees and crosses to build almost any required configuration
- Constructed of Nickel - Chrome alloys
- Withstands upstream temperatures up to 450°C

LD
(Low Output Module)
≈ 72kW / 152mm

HD
(High Output Module)
≈ 145kW / 152mm

LOW HEAT RADIANT TUBE BURNERS



The *BP R...TR* Gas Tube Burner series are designed for installation on direct exchange distribution pipes of hot gases, into machines & dryers, or on direct & indirect exchange radiant tubes.

Radiant Tube Burners are easy to install, start and operate. Their light and handy structure, combined with reduced overall dimensions, make them ideal for installations requiring a compact and silent combustion group with high turn-down ratio.

FEATURES

- For Natural Gas & LPG, other gaseous fuels on request
- Direct spark ignition, ionization flame detection electrode or UV cell
- Turn down ratio (up to) 15 to 1 §
- Automatic operation permits various regulation controls, including: on / off, high / low, modulating on gas or modulating on ratio

Maximum
520 kW
(450,000 kcal/hr)

Minimum
12 kW
(10.000 kcal/hr)

§ When combined with a neutral combustion chamber

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BRAHMA AT5/TR FLAME SAFEGUARDS



The Brahma AT5/TR flame safeguard has been obsoleted. However we continue to stock suitable replacements.

In most applications the direct replacement for the AT5/TR is the SM152 (SCE Part No.: B1180A).

Please be aware that the SM152 carries a 2CB classification and can only be used for atmospheric burner applications up to 200MJ/h. In order to determine the correct AT5/TR replacement, to meet AS3814 code requirements, see the chart below.

Burner Input (MJ / hr)	Appliance Type	Classification	Flame Safeguard Selection	SCE Part No(s)
0 - 200	Atmospheric	2CB	Brahma SM152	B1180A
200 - 1000	Atmospheric	2CA	Brahma CM32	B1164M
			OR	
			Kromschroder IFS 258	KR28012 with ignition transformer
0 - 2000	Forced or Induced Draught	2CA	Kromschroder IFS258	KR28012 with ignition transformer

Inspirational Insights

Prior planning prevents poor performance.

WINNER

Congratulations to *Phillip Garratt* of *Garratt & Associates* for correctly answering *Dirty Harry* to the last editions trivia question:

“You’ve got to ask yourself one question: ‘Do I feel lucky? Well, do ya punk?’”

Phillip has won a \$50 account credit for his winning entry.



Victoria (03) 9877 3211 New South Wales (02) 9838 9966 Queensland (07) 3245 2000 South Australia (08) 8433 6644 New Zealand (09) 636 1401

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