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- Pilot Burners
- Thermocouples

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## Pressure Regulators
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- Temperature Indicators
- Thermometers

## Gas Connectors
- Flexible Hoses
- Thread Sealant

## Boilers

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All Controls reserves the right to change any of this information without prior notice.
## BURNER - GAS

### Atmospheric
- Zip, Tube, Gas Log, Blade, Duck Bill
- Insshot

### Package Burner Complete
- AZUR, BLU, MAX
- 40GS/GSD, GS/M, RS/RSD, RS/M, RS/M BLU, RS500/M BLU, RS/P BLU, P/M, MODUBLOC SE, GULLIVER BS/BSD/BSM, RS/E - EV, BLU, SP BLU, MODUBLOC SM BLU, SE - SV BLU

### Air Heat, In Duct & Fan Assisted
- 4630, Zephyr

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- 3065

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- 462*, 4682

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- 4384, 4482, 4808

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- 3070

### High Velocity
- Fire-all, Tempest, Hi-Vam, Hi-Ram
- BIC, BICA

### Immersion Tube
- 4762
- BIOA, ZIOA

### Line Burner - Premix
- 4630

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- Fire-all, 4422, 4514, 4545, Magna-Flame
- BIO, ZIO

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- 4659

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- 4724, Evenglow, 4726

## BURNER - OIL

### Package Burner
- Minor, Maior, Max
- 40G/GD, GULLIVER RG/RGB, RL, RL/1, RL/M MODUBLOC LE, RL BLU, RL/M BLU, RL/B MZ BLU

### Nozzle Mix
- 5514

## BURNER - DUAL FUEL

### Air Heat
- Hi-Vam

### High Velocity
- Tempest (6435)

### Immersion Tube
- 6758

### Nozzle Mix
- 6422, 6425, Fireall, Magna Flame

### Package Burner
- RLS, RLS/M MX, RLS/M MZ, RLS/BP MX, RLS/E MX,
**BURNER - GAS**

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**ATMOSPHERIC**

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**ZIP TUBES - POLIDORO**

- 083P3*
  - Used for cross lighting, centre or end entry
  - c/w injectors & nuts
  - Lengths available 200 - 1200 mm
  - 1 - 7.3 MJ/h rating

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**INSHOT BURNER - BECKETT GAS**

- 083W0115
- 083W0117
  - Designed primarily for residential heating appliances utilising a forced or induced draught combustion system.
  - Capacities: 10 - 70 MJ/h
  - Typical applications:
    - Residential heating furnaces
    - Room heaters
    - Hot water boilers

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**TUBE BURNERS - POLIDORO**

- 083P0*
  - Designed for use with all types of boilers, space heaters & other thermal applications
  - Burners are entirely stainless steel
  - Design of the burner port provides flame stability for all types of gas
  - Low noise level
  - Suitable for all types of gas (change of injector)
  - Lengths from 300 mm to 970 mm
  - 50 - 60 mm in diameter
  - 24 - 127 MJ/h ratings

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**GAS LOG FIRES - POLIDORO**

- 083P02*
  - Suitable for gas operated log fires
  - LPG and Natural Gas
  - Maximum of 40 MJ/h

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BLADE BURNERS - POLIDORO

- Specifically designed for instantaneous water heaters and wall hung boilers where an even flame spread of low height is required
- Suitable for most gases including LPG (change of injector)
- Low noise
- Adaptable to any combustion chamber
- Available 7 piece to 20 piece
- Rated 56 - 160 MJ/h

DUCK BILL / MONGOLIAN BURNERS - SCE

- Suitable for commercial wok applications
- Available with 18, 23 & 32 jets

PACKAGE BURNER COMPLETE

AZUR - ON / OFF - ECOFLAM
SMALL TO MEDIUM CAPACITY

- AZUR 30  16 to 37 kW
- AZUR 60  35 to 72 kW
- AZUR 80  58 to 93 kW

BLU - ON / OFF - ECOFLAM
MEDIUM TO LARGE CAPACITY

- BLU 120  60 to 117 kW
- BLU 170  75 to 179 kW
- BLU 250  98 to 240 kW
- BLU 350  118 to 350 kW
- BLU 500  190 to 500 kW
- BLU 700  250 to 700 kW
**ALL CONTROLS**

**BURNER - GAS cont....**

**BLU PAB - HI / LOW AND MOD - ECOFLAM**

- BLU 120 PAB /R 60 to 117 kW
- BLU 170 PAB /R 75 to 179 kW
- BLU 250 PAB /R 98 to 240 kW
- BLU 350 PAB /R 118 to 350 kW
- BLU 500 PAB /R 190 to 500 kW
- BLU 700 PAB /R 250 to 700 kW
- BLU 1000 PAB /R 300 to 1000 kW
- BLU 1200 PAB /R 400 to 1200 kW
- BLU 1400 PAB /R 400 to 1300 kW

R = Air Gas Ratio Control

**RIELLO - 40GS SERIES**

- One stage package gas burner
- Heat Output 11 - 220 kW
- Easy to install & adjust
- Reduced noise output
- Safe working

**RIELLO - 40GSD SERIES**

- Two stage package gas burner
- Heat Output 29 - 220 kW
- Easy to install & adjust
- Reduced noise output
- Safe working

**RIELLO - GS/M SERIES**

- 2 Stage (Progressive or Modulating) gas burner
- Heat Output 22 - 194 kW
- Easy to install & adjust
- Reduced noise output
- Safe working

**RIELLO - GULLIVER RS SERIES**

- Single stage gas burner
- Heat Output 160 - 330 kW
- High combustion performance (for small size)
- Features Microprocessor based flame control panel (featuring diagnostic functions)
- Easy to install & adjust
- Reduced noise output
RIELLO - GULLIVER RSD SERIES

- 2 Stage Gas Burner
- Heat Output 160 - 345 kW
- High combustion performance (for small size)
- Features Microprocessor based flame control panel (featuring diagnostic functions)
- Easy to install & adjust
- Reduced noise output

RIELLO - GULLIVER RS SERIES

- Heat Output 163 - 465 kW
- Single stage operation
- Fitted with microprocessor control panel (featuring operation & fault diagnosis indicators)
- Flexibility of use and excellent operation at all firing rates
- Designed for use in hot or superheater water boilers, hot air or steam generators & diathermic oil boilers
- Simple use and maintenance
- Reduced noise output

RIELLO - RS SERIES

- Heat Output 81 - 2290 kW
- 2 Stage Progressive operation
- Designed for use in hot water boilers or superheaters, hot air or steam generators or diathermic oil boilers
- Low sound emissions
- Reduced dimensions, simple use and maintenance
- Wide range of accessories available

RIELLO - RS/M SERIES

- Heat Output 52 - 2290 kW
- 2 Stage Progressive or Modulating (requires PID logic controller & respective probes) operation
- Designed for use in hot water boilers or superheaters, hot air or steam generators or diathermic oil boilers
- Low sound emissions
- Reduced dimensions, simple use and maintenance
- Wide range of accessories available
### BURNER - GAS cont....

#### RIELLO - RS/M BLU SERIES

- Heat Output 90 - 1860 kW
- 2 Stage Progressive or Modulating (requires PID logic controller & respective probes) operation
- Designed for use in hot water boilers or superheaters, hot air or steam generators or diathermic oil boilers
- Low sound emissions
- High efficiency levels (reduce fuel consumption & running costs)

#### RIELLO - RS500/M BLU GAS BURNER

- Heat Output 1000 - 5169 kW
- 2 Stage Progressive or Modulating (requires PID Logic Regulator or external 4 - 20mA Signal) operation
- Monoblock structure (all necessary components combined into a single unit)
- Designed for use in hot water boilers and industrial steam generators
- High modulation ratio on all firing rates
- Advanced combustion head guarantees reduced pollution emissions (NOx < 80 mmg/kWh)
- Easy installation & maintenance

#### RIELLO - RS/P BLU SERIES

- Heat Output 700 - 4500 kW
- 2 Stage or Modulating (requires PID) operation
- Designed for use in hot water boilers & industrial steam generators
- Modular monoblock structure (all necessary components can be combined in a single unit)
- High efficiency & stability
- Innovative combustion head ensures reduced noise & pollutants

#### RIELLO - GAS P/M SERIES

- Heat Output 80 - 4885 kW
- Progressive 2 Stage operation or full modulation
- Features an advanced modulation control system and probes
- Suited to applications requiring versatility of control (process, steam, refrigeration absorption) where a variable output is needed

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### RIELLO - MODUBLOC SE SERIES

- Heat Output 1070 - 9580 kW
- Modulating operation
- Innovative electronic module, provides control of the air / fuel ratio & PID control of the generator temperature or pressure
- Designed for use in hot water boilers & industrial steam generators
- Monoblock structure (all necessary components can be combined in a single unit)
- High modulation ratio on all firing rates
- High efficiency & stability (obtains fuel consumption & operating cost reductions)

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### AIR HEAT - IN DUCT & FAN ASSISTED

#### SERIES BVA ADB-LV - AIR HEAT BURNER

- High turn down
- Stainless steel

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#### PACKAGE BURNER LOW NOx

**MAX - ON / OFF AND HI / LOW - ECOFLAM**

- MAX GAS 40 22kW to 45kW
- MAX GAS 70 25kW to 70kW
- MAX GAS 120 50kW to 110kW
- MAX GAS 170 56kW to 170kW
- MAX GAS 250 65kW to 230kW

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#### 4630 - REGEN - NORTH AMERICAN

- Premix modular burner
- Clean, even combustion in air streams up to 205°C
- Can be fired down
- 20 - 305 MJ/h at 1 kPa mixture pressure
- Stable up to 3 kPa mixture pressure
RIELLO - GULLIVER BS SERIES

083R314*

- Single Stage (Low Nox) Gas Burner
- Heat Output 16 - 246 kW
- Fitted with microprocessor based flame control panel (featuring diagnostic functions)
- Easy installation & maintenance
- Reduced noise output

RIELLO - GULLIVER BSD SERIES

083R323*

- 2 Stage (Low Nox) Gas Burner
- Heat Output 16 - 246 kW
- Fitted with microprocessor based flame control panel (featuring diagnostic functions)
- Easy installation & maintenance
- Reduced noise output

RIELLO - GULLIVER BSM SERIES

083R352*

- 2 Stage (Progressive or Modulating) Gas Burner
- Heat Output 26 - 250 kW
- Low NOx
- Easy installation & maintenance
- Reduced noise output

RIELLO - RS/E - EV BLU SERIES

083R354*

- Heat Output 500 - 4500 kW
- Modulating operation
- Designed for use in hot water boilers & industrial steam generators
- Monoblock structure (all necessary components can be combined into a single unit)
- Fast & easy installation
- High modulation ratio at all firing rates
- Highly efficient & stable

RIELLO - SP BLU SERIES

083R35**

- Heat Output 1634 - 10400 kW
- Fast & easy installation
- Designed for use in hot water boilers and industrial steam generators
- High efficiency & stability
- Advanced combustion head reduces pollution emissions
- Low sound emissions
RIELLO - MODUBLOC SM BLU SERIES

- Heat Output 1300 - 8300 kW
- 2 Stage or Modulating (requires installation of a PID logic controller or external 4 - 20 mA signal) operation
- Monoblock structure (all necessary components are combined into a single unit)
- Designed for use in hot water boilers and industrial steam generators
- High modulation ratio on all firing rate ranges
- High efficiency and stability (resulting in reduced operating costs)
- Advanced combustion head reduces pollution emissions

RIELLO - MODUBLOC SE - SV BLU SERIES

- Heat Output 1000 - 10050 kW
- Modulating operation
- Monoblock structure (all necessary components are combined into a single unit)
- Designed for use in hot water boilers and industrial steam generators
- High modulation ratio on all firing rate ranges
- Advanced combustion head reduces pollution emissions
- Low sound emissions (fan unit fitted on line with the combustion head)

4988 - ZEPHYR BURNER - SCE

- Low noise, low NOx
- Versatile air heat burner for in-duct or fan assisted applications
- High turndown 50:1 or more
- Models for 500, 1000, 2500, 4000, 6000 & 9000 MJ/h.
**ALL CONTROLS**

**FLAT FLAME BURNERS**

**BURNER - GAS cont....**

**ASPIRATOR MIXER**

3065 - NORTH AMERICAN

- Low cost high accuracy Air/Gas mixer
- Simple gas adjuster built-in
- Mixer capacity can be altered by changing rods
- Easily accessible

**FLAME RETENTION NOZZLE & BLAST TIPS**

4622 & 4624 - NORTH AMERICAN

- Small, high output tips for premix systems
- 7 to 51 MJ/h models

4682 - NORTH AMERICAN

- Robust burner nozzles for premix systems
- Well defined medium to high velocity flames
- 20 - 200 mm sizes

**FLAT FLAME BURNERS**

4831 - NORTH AMERICAN

- No forward velocity, heats only the adjacent wall
- From 73 to 130 MJ/h

4832 - NORTH AMERICAN

- Models from 247 to 2764 MJ/h
- Large uniform heating area
- UV or Flame Rod

4836 - NORTH AMERICAN

- Models from 247 to 6963 MJ/h
- Roof section design
- UV or Flame Rod

**BIO - K, ZIO - K - KROMSCHRODER**

- From 90 kW to 630 kW
- UV or Flame Rod
- Light weight design

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## BURNER - GAS cont...

### FUEL DIRECTED (ADJ FLAME SHAPE)

<table>
<thead>
<tr>
<th>Model</th>
<th>Description</th>
</tr>
</thead>
</table>
| 4384 - NORTH AMERICAN | - Capacity range 4294 to 64144 MJ/h  
| 083N4384*   | - 3:1 Flame length adjustment on site  
|             | - Low NO<sub>x</sub>  
|             | - Low noise, low air pressure                                               |
| 4482 - NORTH AMERICAN | - High temperature version of 4384 for furnaces up to 1400°C  
| 083N4482*   | - Low NO<sub>x</sub>, low noise                                            |
| 4808 - NORTH AMERICAN | - 11400 to 19728 MJ/hr  
| 083N4808*   | - Changes heat release pattern not just flame pattern  
|             | - Manual or automatic flame shaping                                         |

### HIGH PRESSURE INSPIRATOR

<table>
<thead>
<tr>
<th>Model</th>
<th>Description</th>
</tr>
</thead>
</table>
| 3070 - NORTH AMERICAN | - High output  
| 083N3070*   | - Excellent mixing  
|             | - Can be used with compressed air to develop low pressure air supply  
|             | - Range 18 to 8102 MJ/h                                                   |

### HIGH VELOCITY

<table>
<thead>
<tr>
<th>Model</th>
<th>Description</th>
</tr>
</thead>
</table>
| 4425 MB FIRE-ALL - NORTH AMERICAN | - Medium to high velocity with reduced tile nozzle  
| 083N4425*MB | - Low noise / low NO<sub>x</sub>  
|             | - High excess air / excess fuel  
|             | - Range 222 to 3440 MJ/h                                                   
|             | - High turndown                                                            |
| 444* SERIES - TEMPEST - NORTH AMERICAN | - 76 to 2295 MJ/h models  
| 083N444*    | - Direct spark ignited                                                    
|             | - Ultra high velocity                                                      
|             | - High turndown                                                            
|             | - Suitable in furnaces up to 1600°C                                       
|             | - Available in various tile shapes & types including silicon carbide & composite ceramic |
### BURNER - GAS cont...

<table>
<thead>
<tr>
<th>Model</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>4570 - HI VAM - NORTH AMERICAN</strong>&lt;br&gt;083N4570*</td>
<td>- Gas &amp; or Light Oil&lt;br&gt;- Ultra high velocity&lt;br&gt;- All metal lightweight burner&lt;br&gt;- Capacities from 8440 to 17830 MJ/h&lt;br&gt;- Direct spark or pilot ignition</td>
</tr>
<tr>
<td><strong>4575 - HI RAM - NORTH AMERICAN</strong>&lt;br&gt;083N4575*</td>
<td>- Capacity up to 26375 MJ/h&lt;br&gt;- Ultra high velocity</td>
</tr>
<tr>
<td><strong>BIC, BICA - KROMSCHRODER</strong>&lt;br&gt;083KR362*</td>
<td>- Lightweight design&lt;br&gt;- Silicon carbide nozzle&lt;br&gt;- Burner lengths up to 8 metres for special applications&lt;br&gt;- Available with integral pilot burner&lt;br&gt;- Range 54 to 1296 MJ/h</td>
</tr>
<tr>
<td><strong>IMMERSION TUBE</strong>&lt;br&gt;083N4762*</td>
<td><strong>4762 - NORTH AMERICAN</strong>&lt;br&gt;- High heat release&lt;br&gt;- Comprehensive selection data&lt;br&gt;- 897 to 4430 MJ/h models&lt;br&gt;- Pilot or direct spark ignition</td>
</tr>
<tr>
<td><strong>BIOA-H, ZIOA - H - KROMSCHRODER</strong>&lt;br&gt;083KR36*</td>
<td>- Lightweight design&lt;br&gt;- From 20 to 1000 kW&lt;br&gt;- UV or Flame rod&lt;br&gt;- Direct spark ignited</td>
</tr>
<tr>
<td><strong>LINE BURNER</strong>&lt;br&gt;083N4630*</td>
<td><strong>4630 - REGEN - NORTH AMERICAN</strong>&lt;br&gt;- Stable premix burner delivering a line of flame over long distances&lt;br&gt;- 0.09 kPa to 3 kPa mixture pressure&lt;br&gt;- Capacities from 20 to 305 MJ/h per 300 mm (at 1 kPa)&lt;br&gt;- Expandable by adding sections</td>
</tr>
</tbody>
</table>
**BURNER - GAS cont...**

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**NOZZLE MIX**

### 4423 FIREALL - NORTH AMERICAN
- Versatile, robust, proven design
- Capacities from 66 to 456 MJ/h
- High turndown
- High temperature version 4424
- Pilot or spark ignited
- High excess air ability

### 442* - NORTH AMERICAN
- Robust design
- Capacities 203 to 4832 MJ/h
- High turndown
- Stable at high excess air and excess fuel
- Pilot or spark ignited
- Short flame - fast mixing
- Low NOx
- Options include swing away head, metal firing head, high back pressure, dual fuel

### HIGH TEMPERATURE VERSION - 4425

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### 4514 - NORTH AMERICAN
- Rugged & versatile
- 1572 to 23000 MJ/h models
- High turndown
- Suitable for preheated air up to 350°C

### 4545 - FLAME JET - NORTH AMERICAN
- Economical general purpose burner
- 1560 - 13080 MJ/h models

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### 4795 - MAGNA-FLAME - NORTH AMERICAN
- Long flame, high output burner
- 8200 to 56500 MJ/h
- Custom models available

### 4796 - MAGNA-FLAME - NORTH AMERICAN
- Wide flame, high output burner
- Up to 74000 MJ/h
- Low NOx
- Custom models available

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**BIO - ZIO - KROMSCHRODER**
- Compact / Lightweight design
- 20 to 1000 kW
- Direct spark ignited
- Low NOx models available
ALL CONTROLS

BURNER - GAS cont...

----- TUNNEL BURNER -----

4659 - NORTH AMERICAN
083N4659*
- High intensity premix nozzle & tile assembly

----- INFRA-RED & RADIANT - TILES -----

BURNER TILES - NORTON CERAMICS
To Suit
- Domestic Appliances
- Camping radiators
- Infra-red radiators
- Food service appliances
- Option of low NO_x

INFRA-RED BURNERS, CHICKEN BROODERS, CERAMIC TILES, BUNSEN BURNERS - JACKWAL
083JA*
- Large range of sizes and ratings for almost every infra-red application

BIO, ZIO - KROMSCHRODER
083KR367*
- Light weight modular design
- From 20 to 1000 kW

4724 - RADIANT TUBE - NORTH AMERICAN
083N4724*
- High even heat release
- Suitable for preheated air up to 537°C
- Adjustable primary air for a wide range of tube applications
- 243 to 2574 MJ/h

4725 - EVENGLOW - NORTH AMERICAN
083N4725*
- Even heat release from the start of the tube
- 3 ignition methods - Direct spark, Pilot (auto), Pilot (manual)

4726 - RADIANT TUBE - NORTH AMERICAN
083N4726*
- Adjustable flame length for short tubes
- Simple & economical
- 147 to 1560 MJ/h

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ALL CONTROLS

BURNER - OIL

PACKAGE BURNER

MINOR - LIGHT OIL BURNERS - ECOFLAM
ON/OFF OR HIGH/LOW OPERATION

083EC3*
- Minor UNO 20 - 39 kW
- Minor 4 20 - 53 kW
- Minor 8 45 - 93 kW
- Minor 12 70 - 140 kW
- Minor 20 110 - 230 kW
- Minor 30 175 - 326 kW

MAIOR - LIGHT OIL BURNERS - ECOFLAM
ON/OFF OR HIGH/LOW OPERATION

083EC3*
- Maior 10 AB 59 - 118 kW
- Maior 15 AB 106 - 178 kW
- Maior 25 AB 142 - 296 kW

MAIOR - LIGHT OIL BURNERS - ECOFLAM
HIGH/LOW OPERATION

083EC3*
- Maior 35 AB 237 - 415 kW
- Maior 45 AB 296 - 533 kW
- Maior 60 AB 415 - 711 kW
- Maior 80 AB 474 - 949 kW
- Maior 130 AB 830 - 1425 kW

RIELLO - 40G SERIES

083R115*
- Light Oil Burners
- Single stage operation
- 11 Models available
- Heat Output: 12 - 240 kW (depending on model)
- Reduced noise output
- Easy to install & maintain

RIELLO - 40GD SERIES

083R12*
- Light Oil Burners
- Two stage operation
- 4 Models available
- Heat Output: 19 - 240 kW (depending on model)
- Reduced noise output
- Easy to install & maintain
RIELLO - GULLIVER RG SERIES

083R1*

- Light Oil Burners
- Single stage operation
- 10 Models available
- Heat Output: 16.6 - 309.5 kW (depending on model)
- Reduced noise output
- Easy to install & maintain

RIELLO - GULLIVER RGD SERIES

083R23**

- Light Oil Burners
- Two stage operation
- 5 Models available
- Heat Output: 14 - 296 kW (depending on model)
- Reduced noise output
- High level of thermal unit efficiency
- Easy to install & maintain

RIELLO - RL/1 SERIES

083R118*

- Light Oil Burners
- Single stage operation
- Heat Output: 178 - 332 kW (depending on model)
- Reduced noise output
- Easy to install & maintain
- Suitable for use in hot water or superheated water boilers, hot air or steam generators, diathermic oil boilers

RIELLO - RL SERIES

083R128*

- Light Oil Burners
- Two stage operation
- Heat Output: 95 - 2443 kW (depending on model)
- Reduced noise output
- Easy to install & maintain
- Designed for use in hot or superheater water boilers, hot air or steam generators & diathermic oil boilers
RIELLO - RL/M SERIES

- Light Oil Burners
- Two stage or Modulating (req. Regulator & Probes) operation
- Heat Output: 90 - 2431 kW (depending on model)
- Reduced noise output
- Easy to install & maintain
- Designed for use in hot or superheater water boilers, hot air or steam generators & diathermic oil boilers

RIELLO - MODUBLOC LE SERIES

- Light Oil Burner
- Modulating Operation (operates through Electronic Module)
- Electronic Module controls air / fuel ration & PID control of generator temperature or pressure
- Heat Output: 1070 - 10000kW (depending on model)
- High modulation ratio at all firing rates
- Reduced noise emissions

LOW NOx

MAX - LIGHT OIL BURNER - ON / OFF ECOFLAM

- MAX 4 20kW to 59kW
- MAX 8 47kW to 105kW
- MAX 12 60kW to 130kW
- MAX 15 73kW to 190kW
- MAX 20 86kW to 237kW
- MAX 30 110kW to 319kW
- MAX P15 77kW to 190kW
- MAX P25 102kW to 300kW

MAX - LIGHT OIL BURNER - HI / LOW ECOFLAM

- MAX P15AB 77kW to 190kW
- MAX P25AB 102kW to 300kW
**RIELLO - RL BLU SERIES**

- Light Oil Burners
- Two stage operation
- Heat Output: 95 - 356 kW (depending on model)
- 3 Position Servo Motor (for correct air output & air damper closing when the burner is off)
- Status Panel (hour meter, ignition meter & fault diagnosis)
- Reduced noise output
- Easy to install & maintain
- Designed for use in hot or superheater water boilers, hot air or steam generators & diathermic oil boilers

**RIELLO - RL/M BLU SERIES**

- Light Oil Burners
- Two stage or Modulating (req. Regulator & Probes) operation
- Heat Output: 188 - 1023 kW (depending on model)
- Reduced noise output
- Easy to install & maintain
- Designed for use in hot or superheater water boilers, hot air or steam generators

**RIELLO - RL/B MZ BLU SERIES**

- Light Oil Burners
- Two stage operation
- Heat Output: 600 - 4450 kW (depending on model)
- Reduced noise output
- Easy to install & maintain
- Designed for use in hot or superheater water boilers, hot air or steam generators

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**NOZZLE MIX**

**5514 - FIRE-ALL - NORTH AMERICAN**

- Suitable for light & heavy oils
- High turndown
- Ranges from 1888 to 26058 MJ/h
- Low pressure atomiser
ALL CONTROLS

BURNER - DUAL FUEL

________ AIR HEAT ________

6570 - HI VAM - NORTH AMERICAN

- High velocity air heater
- All metal design
- Portable
- 8440 to 17830 MJ/h
- Gas and/or light oil

083N6570*

________ HIGH VELOCITY ________

6435 - TEMPEST - NORTH AMERICAN

- High velocity
- Gas and/or light oil
- Wide range 137 to 1688 MJ/h
- Suitable for preheated air to 425°C
- Low air pressure atomiser

083N6435*

________ IMMERSION TUBE ________

6758 - NORTH AMERICAN

- Gas / Light oil immersion tube burner
- Simple, versatile
- Range 148 - 1560 MJ/h

083N6758*

________ NOZZLE MIX ________

6422, 6425 - NORTH AMERICAN

- Robust furnace burner for gas & / or light oil
- Low air pressure atomiser
- High turndown
- Fast mixing, compact flame
- 274 to 4726 MJ/h

083N642*
ALL CONTROLS

BURNER - DUAL FUEL cont....

6514 - FIREALL - NORTH AMERICAN

- Gas and heavy or light oil firing
- High turndown
- 1888 to 26060 MJ/h
- Robust design
- Low air pressure atomiser

083N6514*

6795, 6796, 6819 - MAGNA FLAME - NORTH AMERICAN

- Quiet, high capacity gas / light or heavy oil burner
- 14137 to 56608 MJ/h
- 6796 wide flame version
- 6819 refractory lined burner for preheated air to 593°C

083N679* 083N6819*

PACKAGE BURNER

RIELLO - RLS SERIES

- Dual Fuel Burner
- 2 Stage Operation
- Heat Output: 100 - 1395kW (depending on model)
- Status panel provides; hour meter, ignition meter & fault diagnosis information
- Wide range of accessories available
- Reduced sound emissions
- Easy to install & maintain
- Designed for use in hot or superheater water boilers, hot air or steam generators

083R4*

RIELLO - RLS/M MX SERIES

- Dual Fuel Burner
- Low NOx
- 2 Stage Operation
- Heat Output: 200 - 1840kW (depending on model)
- Wide range of accessories available
- Reduced sound emissions
- Easy to install & maintain
- Designed for use in hot or superheater water boilers, hot air or steam generators

083R4*
RIELLO - RLS/M MZ SERIES

- Dual Fuel Burner
- Low NOx
- 2 Stage Operation
- Heat Output: 550 - 2150 kW (depending on model)
- Wide range of accessories available
- Reduced sound emissions
- Easy to install & maintain
- Designed for use in hot or superheater water boilers, hot air or steam generators

RIELLO - RLS/BP MX SERIES

- Dual Fuel Burner
- Low NOx (in both operating modes)
- 2 Stage Operation
- Heat Output: 600 - 4500 kW (depending on model)
- Reduced sound emissions
- Easy to install & maintain
- Designed for use in hot water boilers, overheated water boilers & steam boilers

RIELLO - RLS/E MX SERIES

- Dual Fuel Burner
- Low NOx (in both operating modes)
- 2 Stage Operation
- Heat Output: 600 - 4500 kW (depending on model)
- Reduced sound emissions
- Easy to install & maintain
- Designed for use in hot water boilers, overheated water boilers & steam boilers

RIELLO - MODUBLOC LSE SERIES

- Dual Fuel Burner
- Modulating Operation
- Heat Output: 1070 - 9580 kW (depending on model)
- Electronic Control Module (controls air/fuel ratio & PID control of generator pressure or temperature)
- High modulation ratio at all firing rates
- Reduced sound emissions
- Easy to install & maintain
- Designed for use in hot water boilers, overheated water boilers & steam boilers
### PILOT BURNER - COMMERCIAL

<table>
<thead>
<tr>
<th>Pilot for use with Thermocouple</th>
<th>Robertshaw Pilots</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>RS1830-717, RS76510, RS2CHR6206, RS5CHR7612, RS2CH6062, RSSHR-44, RS1890-100, RS6CH24-1,</td>
</tr>
</tbody>
</table>

Pilot for use with Thermocouple

1,2 & 3 Way, Target 1723

525, 470, 509

<table>
<thead>
<tr>
<th>Pilot for use with Thermocouple</th>
<th>Robertshaw</th>
</tr>
</thead>
<tbody>
<tr>
<td>Pilot for use with Thermocouple</td>
<td>Catoba</td>
</tr>
<tr>
<td>Pilot for use with Thermocouple</td>
<td>Polidoro</td>
</tr>
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</table>

<table>
<thead>
<tr>
<th>Pilot for use with Thermocouple</th>
<th>Pilot for use with Thermocouple</th>
</tr>
</thead>
<tbody>
<tr>
<td>Pilot for use with Thermopile</td>
<td>701 White Rodgers</td>
</tr>
<tr>
<td>Pilot for use with Electronic Ignition</td>
<td>E49 White Rodgers</td>
</tr>
<tr>
<td>Pilot for Mercury Sensor</td>
<td>B Series White Rodgers</td>
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</table>

### PILOT BURNER - INDUSTRIAL

<table>
<thead>
<tr>
<th>Pilot for use with Mercury Sensor</th>
<th>Pilot for use with Mercury Sensor</th>
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</thead>
<tbody>
<tr>
<td>Pilot for use with Mercury Sensor</td>
<td>BP / 2 Brahma</td>
</tr>
<tr>
<td>Pilot for use with Mercury Sensor</td>
<td>ZAI, ZMI, ZKIH, ZIO Brahma</td>
</tr>
<tr>
<td>Pilot for use with Mercury Sensor</td>
<td>Kromschroder</td>
</tr>
<tr>
<td>Pilot for use with Mercury Sensor</td>
<td>North American</td>
</tr>
<tr>
<td>Pilot for use with Mercury Sensor</td>
<td>4011, 4015, 4020, 5025</td>
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</table>

### THERMOCOUPLES

<table>
<thead>
<tr>
<th>Pilot for use with Mercury Sensor</th>
<th>Pilot for use with Mercury Sensor</th>
</tr>
</thead>
<tbody>
<tr>
<td>Pilot for use with Mercury Sensor</td>
<td>Robertshaw Standard</td>
</tr>
<tr>
<td>Pilot for use with Mercury Sensor</td>
<td>Quick Response</td>
</tr>
<tr>
<td>Pilot for use with Mercury Sensor</td>
<td>Interruptor Blocks</td>
</tr>
<tr>
<td>Pilot for use with Mercury Sensor</td>
<td>Universal Kits</td>
</tr>
</tbody>
</table>

### THERMOMETERS

Normal & Co-axial

<table>
<thead>
<tr>
<th>Pilot for use with Mercury Sensor</th>
<th>Pilot for use with Mercury Sensor</th>
</tr>
</thead>
<tbody>
<tr>
<td>Pilot for use with Mercury Sensor</td>
<td>G01A White Rodgers</td>
</tr>
<tr>
<td>Pilot for use with Mercury Sensor</td>
<td>1951 Robertshaw</td>
</tr>
</tbody>
</table>
# ROBERTSHAW PILOTS

## UNILINE PILOT

<table>
<thead>
<tr>
<th>Code</th>
<th>Description</th>
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<tbody>
<tr>
<td>083RS1830-717</td>
<td>Uniline</td>
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<tr>
<td></td>
<td>3 way pilot</td>
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## 3CHA PILOT

<table>
<thead>
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<th>Code</th>
<th>Description</th>
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<tbody>
<tr>
<td>083RS76510</td>
<td>3CHA</td>
</tr>
<tr>
<td></td>
<td>Natural gas pilot</td>
</tr>
<tr>
<td></td>
<td>Available in LPG version</td>
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</tbody>
</table>

## 2CH PILOT

<table>
<thead>
<tr>
<th>Code</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>083RS2CHR6206</td>
<td>2CH pilot</td>
</tr>
<tr>
<td></td>
<td>LPG</td>
</tr>
<tr>
<td></td>
<td>Right hand</td>
</tr>
<tr>
<td></td>
<td>Available in left hand</td>
</tr>
</tbody>
</table>

## 2CH PILOT

<table>
<thead>
<tr>
<th>Code</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>083RS2CH6062</td>
<td>2CH pilot - right hand</td>
</tr>
<tr>
<td></td>
<td>Natural gas</td>
</tr>
</tbody>
</table>

## 5CH PILOT

<table>
<thead>
<tr>
<th>Code</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>083RS5CHR7612</td>
<td>5CHR - 7612</td>
</tr>
<tr>
<td></td>
<td>Natural gas</td>
</tr>
</tbody>
</table>

## 4SHR PILOT

<table>
<thead>
<tr>
<th>Code</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>083R4SHR-44</td>
<td>Pilot assembly</td>
</tr>
<tr>
<td></td>
<td>Thermocouple, thermopile &amp; electrode</td>
</tr>
<tr>
<td></td>
<td>Available in Natural Gas</td>
</tr>
<tr>
<td></td>
<td>Includes electrode, thermocouple &amp;</td>
</tr>
<tr>
<td></td>
<td>thermopile</td>
</tr>
</tbody>
</table>

## FMEA PILOT

<table>
<thead>
<tr>
<th>Code</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>083RS1890-100</td>
<td>Pilot burner for FMEA valve</td>
</tr>
<tr>
<td></td>
<td>Available in Natural Gas or LPG</td>
</tr>
</tbody>
</table>

## 6CH PILOT

<table>
<thead>
<tr>
<th>Code</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>083RS6CH24-1</td>
<td>3 way pattern</td>
</tr>
<tr>
<td></td>
<td>Alternative to Honeywell Q327 Pilot</td>
</tr>
<tr>
<td></td>
<td>Available in Natural Gas or LPG</td>
</tr>
</tbody>
</table>
PILOT FOR USE WITH THERMOCOUPLE

MULTI FLAME PATTERN - CATOBA

- 2 & 3 way flame pattern
- Flame adjustment
- Accepts standard thermocouple & electrode
- Option of Natural Gas or LPG
- Can be used for electronic ignition

TARGET 1723 - CATOBA

- Target pilot style
- Accepts standard electrode
- Can be used for thermocouple or flame sensor operation
- Option of Natural Gas or LPG

525F - POLIDORO

- 3 way flame pattern
- Accepts a standard thermocouple
- Aerated flame resists draught
- Can be used for electronic ignition

470F - POLIDORO

- Vertical flame - 3 way
- Accepts standard electrode or thermocouple

509F - POLIDORO

- 509F Burner
- Supplied with NG injector
- Thermocouple & flame sensor
- Right bracket
PILOT BURNER - COMMERCIAL cont...

___ PILOT FOR USE WITH ELECTRONIC IGNITION ___

E49 - WHITE RODGERS
- 083W0129
  - Long stable flame spray head (80°)
  - Integral electrode, sensor and leads - 150 mm
  - Designed for electronic ignition
  - Option of Natural Gas or LPG

___ PILOT FOR MERCURY SENSOR ___

B SERIES - WHITE RODGERS
- 083W013*
  - Complete with mercury flame sensor, pilot burner and orifice fitting
  - Options of port arrangement
  - Option of Natural Gas or LPG

PILOT BURNER - INDUSTRIAL

BP/2 PILOT - BRAHMA
- 083B3*
  - Light industrial or commercial use
  - Vertical flame, atmospheric
  - Option of flame length 40 to 100 mm
  - Fitted with electrode and flame sensor as standard
  - Option of single or double probe
  - Option of Natural Gas (2MC) or LPG (2PC)

ZAI - KROMSCHRODER
- 083KR340*
  - Light industrial or commercial use
  - Vertical flame, atmospheric
  - Option of flame length 40 to 100 mm
  - Fitted with electrode and flame sensor as standard
  - Option of Natural Gas or LPG
  - Capacity - 3 kW

ZMI - KROMSCHRODER
- 083KR341*
  - Up to 3.4 kW capacity
  - Available in 16 & 25 mm diameter
  - Option of Natural Gas or LPG
  - Lengths of 150 to 500 mm (others on request)
  - Forced air supply

ZKIH - KROMSCHRODER
- 083KR34*
  - Up to 7.0 kW capacity
  - For electronic ignition, ionization supervision, forced air supply
  - Option of Natural Gas or LPG
  - Lengths of 150 - 600 mm (others on request)
  - Forced air supply
ZIO - KROMSCHRODER

083KR361*
- Up to 20 kW capacity
- Pilot burner for specialized large burners, electric ignition and ionization supervision, forced air supply
- Option of Natural Gas or LPG

Lengths of 100 - 600 mm (others on request)

4011 PRE MIX GAS PILOT SETS - NORTH AMERICAN

083N4011*
- Up to 32 MJ/h capacity
- Electrical ignition, forced air supply
- Option of Natural Gas or LPG
- Reliable lighting throughout the range
- Wide range of air and gas pressure conditions

4015 PRE MIX GAS PILOT SETS - NORTH AMERICAN

083N4015*
- Up to 130 MJ/h capacity
- For electronic ignition, forced air supply
- Suitable for large capacity oil or gas fired industrial burners
- Reliable lighting throughout the range
- Wide range of air and gas pressure conditions

4020 NOZZLE MIX GAS PILOTS - NORTH AMERICAN

083N4020*
- Up to a nominal 897 MJ/h
- For electronic ignition, forced air supply
- For large capacity oil or gas burners
- Sizes 20 to 80 mm

5025 LIGHT OIL PILOTS - NORTH AMERICAN

083N5025
- Nominal output - 122 MJ/h
- For electronic ignition, forced air supply
- Require an oil delivery pressure of 700 kPa and an air pressure of 3.5 kPa
ALL CONTROLS

THERMOCOUPLES

ROBERTSHAW

THERMOCOUPLE - ROBERTSHAW

083RST3318N
- Length 460mm
- 11/32 connection

Usable with Rheem hot water services

083RST33265
- Length 600mm
- 11/32 connection
- Commercial cooking

083RST3329AN
- Length 915mm
- 11/32 connection

STANDARD

SINGLE THERMOCOUPLE

083CB21*
- Lengths stocked from 320 to 1200 mm
- Optional connections of 11/32", 8, 9 or 10 mm
- Option of plain or threaded head

QUICK RESPONSE

QUICK RESPONSE THERMOCOUPLE

083CB21*
- Available in lengths 400 to 1200 mm
- Cold junction end connection 11/32", 8, 9 or 10 mm
- Option of plain or threaded head
THERMOCOUPLES cont....

INTERRUPTOR BLOCKS/WIRE THERMOCOUPLE

083CB21*
- Available in lengths 400 to 1200 mm
- Cold junction end connections of 11/32", 8, 9 or 10 mm
- Option of plain or threaded head

INTERRUPTOR BLOCKS

083CC10*
- Cold junction end connection 11/32", 8, 9 or 10 mm
- Brass construction
- Easily adaptable

UNIVERSAL KITS

UNIVERSAL - INAMET

083CC4*
083CB22*
- Available in lengths 600, 900, 1200, 1500 mm
- Fits all pilot burners
- Unique conical locking nuts
- Complete set of split nuts supplied
- Easy installation

UNIVERSAL - WHITE RODGERS

083W0151
- Lengths - 18 to 72 Inch
- Fits Honeywell, Robertshaw & White Rodgers
- Easy installation
- Long life

THERMOPILES

G01A - WHITE RODGERS

083JD01204
- Thermopile / pilot generator
- 750 millivolt operation
- 900 mm length
- Long life
- Fibreglass cable lead with split spade terminal

1951 - ROBERTSHAW

083RS1951/536
- Thermocouple / pilot generator
- 750 millivolts
- Length: 915 mm
- Coaxial
# AL Controls

## Valves

### Section 3

### Ball / Isolating

<table>
<thead>
<tr>
<th>Option</th>
<th>Brand(s)</th>
</tr>
</thead>
<tbody>
<tr>
<td>ART 06*, 07*, 09*, 11*, 12*, 132, 144, 216, 26*</td>
<td>Itap, SCE, Dura Valve</td>
</tr>
</tbody>
</table>

### Non-Return

<table>
<thead>
<tr>
<th>Option</th>
<th>Brand(s)</th>
</tr>
</thead>
<tbody>
<tr>
<td>ART 103, 130, 100</td>
<td>Itap, Kromschroder, GRSF</td>
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### Adjustable Port

<table>
<thead>
<tr>
<th>Option</th>
<th>Brand(s)</th>
</tr>
</thead>
<tbody>
<tr>
<td>Needle Valves</td>
<td>Itap, SCE, North American</td>
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</table>

## Butterfly

### Manual

<table>
<thead>
<tr>
<th>Option</th>
<th>Brand(s)</th>
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<tbody>
<tr>
<td>Manual</td>
<td>Kromschroder, DK 1123, 1145, 1155, North American</td>
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### Motorised

<table>
<thead>
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<th>Option</th>
<th>Brand(s)</th>
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<tbody>
<tr>
<td>Motorised</td>
<td>Itap/NEP, SCE, Kromschroder, North American</td>
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</table>

### Options

Standing Pilot, Electronic, Fast Open, Slow Open, Motorised, Valve Emergency Stop Buttons, Normally Open

### Solenoid

**Gas**

<table>
<thead>
<tr>
<th>Option</th>
<th>Brand(s)</th>
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<tbody>
<tr>
<td>501, D3</td>
<td>S.I.T, Robertshaw, Negabian</td>
</tr>
<tr>
<td>220 Series, UNITROL 7000 Series</td>
<td>White Rodgers, Brahma, Theobald</td>
</tr>
<tr>
<td>6801</td>
<td>Kromschroder</td>
</tr>
<tr>
<td>E8, E6, EG12, EG15, EG25, EG25, EG30, EG40, GVC</td>
<td>Triflex</td>
</tr>
<tr>
<td>TK 25</td>
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<tr>
<td>VG, VGP, VAD, VAG, VAN, VAS, VAS/L, VAS/N, VCS, VS, VD, VK, CG, GVS, GVI, GVE, EG25<em>M, EG30</em>M</td>
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<tr>
<td>GB</td>
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<tr>
<td>1518, 1519</td>
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<tr>
<td>L0201, L0201K</td>
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**Oil / Air / Steam**

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<th>Option</th>
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<tbody>
<tr>
<td>E7</td>
<td>Brahma, Staiger, Kromschroder, Alcon, North American</td>
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<tr>
<td>MG, MA</td>
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<tr>
<td>VR</td>
<td></td>
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<tr>
<td>ACD</td>
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<tr>
<td>1008, 1813, 1196</td>
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### Slam Shut

**Gas**

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<tr>
<th>Option</th>
<th>Brand(s)</th>
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<tbody>
<tr>
<td>S100, S300</td>
<td>Jeavons, Kromschroder</td>
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---

**Please see over page for more products**
## VALVES

### PRESSURE RELIEF

<table>
<thead>
<tr>
<th>Type</th>
<th>Gas</th>
<th>Oil</th>
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<tbody>
<tr>
<td>J48K, J48KH</td>
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<tr>
<td>VSBV25R40</td>
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<tr>
<td>SMVSS032510</td>
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<tr>
<td>RE7659, 3148, PRV9432, 8555, A3146 A8017</td>
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<tr>
<td>Jeavons</td>
<td></td>
<td>North American</td>
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<tr>
<td>Kromschroder</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Samtech</td>
<td></td>
<td></td>
</tr>
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<td>Rego</td>
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### FILLER GUN

<table>
<thead>
<tr>
<th>Type</th>
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<th>Manufacturer</th>
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<tbody>
<tr>
<td></td>
<td>7177</td>
<td>North American</td>
</tr>
<tr>
<td></td>
<td>7659</td>
<td>Robertshaw</td>
</tr>
</tbody>
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### VALVE EMERGENCY STOP BUTTONS

<table>
<thead>
<tr>
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<th>Number</th>
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<tbody>
<tr>
<td>L0201</td>
<td></td>
</tr>
<tr>
<td>L0201K</td>
<td></td>
</tr>
</tbody>
</table>
**BALL VALVES**

**MINI BALL VALVES - ITAP**
- ART 125  FxF
- ART 126  MxF
- Sizes available 8 - 20 mm
- Maximum working pressure 1540 kPa
- Suitable for cold water, hot water, oils and compressed air
* Not approved for use with potable water

**VIENNA - GENERAL PURPOSE BALL VALVE**
- ART 116  F x F  Lever Handle
- ART 117  M x F  Lever Handle
- Sizes available 8 - 50mm
- Maximum working pressure 2000 - 4900kPa
- Suitable for water, steam, gasoline, oils and compressed air
* Not approved for use with potable water

**GENERAL PURPOSE BALL VALVES - ITAP**
- ART 090  F x F  Lever Handle
- Sizes available 8 - 100mm
- ART 091  M x F  Lever Handle
- Sizes available 8 - 50mm
- ART 092  F x F  T Handle
- ART 093  M x F  T Handle
- Sizes available 8 - 32mm
- Maximum working pressure 1380kPa
- Suitable for water, steam, gasoline, oils and compressed air
* Not approved for use with potable water

**AGA GAS APPROVED LONDON BALL VALVES - ITAP**
- ART 066  FxF Lever Handle 8 - 50mm
- ART 067  MxF Lever Handle 8 - 50mm
- Sizes available 8 - 50mm
- ART 068  FxF  T Handle 8 - 25mm
- ART 069  MxF  T Handle 8 - 25mm
- Sizes available 8 - 25mm
- Maximum working pressure 500kPa
- AGA Approval Number 6227
- Suitable for gas, dry steam, pneumatic and hydraulic installations

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Ph: (08) 9277 4299  Fax: (08) 9277 5824
www.allcontrols.com.au
### BALL VALVES

**AGA GAS APPROVED BALL VALVES - ITAP**

- ART 070  F x F  Lever Handle
- ART 071  M x F  Lever Handle
  - Sizes available 15 - 50mm

- ART 072  F x F  T Handle
- ART 073  M x F  T Handle
  - Sizes available 15 - 25mm

- Maximum working pressure 500kPa
- AGA Approval Number 6227
- Suitable for gas, dry steam, pneumatic and hydraulic installations

* Not approved for use with potable water

**AGA GAS APPROVED FLAT HANDLE BALL VALVES - ITAP**

- ART 266  FxF  Flat Handle
- ART 267  MxF  Flat Handle
  - Sizes available 8 - 50mm

- Maximum working pressure 500 kPa
- AGA Approval Number 5256
- Suitable for gas

* Not approved for use with potable water

**FLAT HANDLE BALL VALVE - ITAP**

- ART 216  F x F  Flat Handle
  - Sizes available 8 - 50mm

- Maximum working pressure 2000 kPa
- Suitable for water, oil and dry steam

* Not approved for use with potable water

**3 WAY BALL VALVES - ITAP**

- ART 128
  - Sizes available 8 - 50mm
  - Maximum working pressure 2480kPa
  - T’ Port & L’ Port options

- Suitable for water, oil and compressed air

* Not approved for use with potable water
BALL VALVES cont...

BIBCOCK VALVE - ITAP

083I010*

- ART 132 Lever Handle
- Sizes available 15 - 25mm
- Maximum working pressure 1500kPa
- Suitable for water, oil and compressed air

* Not approved for use with potable water

BIBCOCK LOCKABLE VALVE - ITAP

083I011*

- ART 144 Lockable Handle
- Sizes available 15 - 20mm
- Maximum working pressure 1500kPa
- Suitable for water, oil and compressed air

* Not approved for use with potable water

DURA VALVE - COPPER TO COPPER

083I040***

- Sizes available 15 - 20mm
- AGA Approval Number 5592

* Not approved for use with potable water

VALVE - NON RETURN

YORK CHECK VALVE - ITAP

083I012*

- ART 103
- Sizes available 10 - 100 mm
- Spare Filter ART 102 Stainless Steel
- Soft seat

SWING CHECK - ITAP

083I015*

- ART 130
- Sizes available 10 - 100 mm
- Soft seat
ALL CONTROLS

VALVE - NON RETURN cont...

083I008*
EUROPA CHECK VALVE - ITAP
• ART 100
• Sizes available 20 & 25 mm
• Soft seat

083KR480*
GRSF WITH FLAME ARRESTOR - KROMSCHRODER
• Stainless steel filter (GRS)
• Bronze Filter GRSF
• Sizes available 15 - 75 mm

ADJUSTABLE PORT VALVES

083I018*
NEEDLE VALVES - SCE
• Precise Control
• Sizes available MxF - 6 mm FxF - 8 mm

083N1807*
1807 - LIMITING ORIFICE VALVE - SCE
• V-Port for setting gas/air ratio
• Sensitive V-Port for fine settings
• Concealed screwdriver adjustment
• Sizes available 15 - 75 mm (NPT)

083N1004* 083N1008*
1004 / 1008 SERIES - ADJUSTABLE PORT VALVE - NORTH AMERICAN
• 1004 - Low pressure air model
• 1008 - High pressure air, gas, oil, steam & water models
• Low torque - sliding gate & rotary plug
• Sizes available 40 - 355 mm

083N1808*
1808 - ADJUSTABLE PORT COCK - NORTH AMERICAN
• Size available 15 mm

Ph: (08) 9277 4299   Fax: (08) 9277 5824
www.allcontrols.com.au
BUTTERFLY VALVE - MANUAL

DK SERIES - KROMSCHRODER

083KR**
- For air and gas
- Temperature ranges 100 - 650°C
- Sizes 15 - 500 mm

1123 MANUAL BUTTERFLY - SCE

083N1123*
- Position indicator with locking device
- Controls Air or Gas
- Maximum pressure dependant on size
- Maximum temperature of 200°C
- Minute pressure drop when fully open
- Sizes 20 - 150 mm

1145 SERIES - WAFER VALVE - NORTH AMERICAN

083N1145*
- Sandwiched between flanges
- Sizes available 75 - 1050 mm
- For air temperatures up to 370°C
- Stainless steel shaft
- Minimal pressure drop when fully open
- Control low pressure air or gas flow
- Locking device on handle

1155 SERIES WAFER VALVE - NORTH AMERICAN

083N1155*
- Sizes available 75 - 1050 mm
- Temperatures 120°C
- Minimal pressure drop when fully open
- Locking device on handle

BUTTERFLY VALVE - MOTORISED

1126 SERIES - MOTOR OPERATED BUTTERFLY - SCE

083N1126*
- Swing through disc handle
- Movement by motor arm & linkage
- Sizes 20 - 150 mm (larger are flanged)
- Maximum pressure dependant on size
- Maximum temperature 200°C
- Optional high temperature “H” 370°C
BUTTERFLY VALVE - MOTORISED cont...

BALL VALVE WITH MOTOR - ITAP / NEP

**083I040***
- Available in sizes 20 & 50 mm
- NEP motor 24 / 240V AC
- Hi / Low or modulating models

AGA Approved Ball Valve - Number 5256

BVA, BVG - MOTORISED BUTTERFLY VALVES - KROMSCHRODER


**083G079080BVA BVA**
- Butterfly valve for air
- Nominal Diameter: 40 - 150 mm
- Pressure (max): 500 mbar

**083G079080BVG BVG**
- Butterfly valve for gas
- Nominal Diameter: 40 - 150 mm
- Pressure (max): 500 mbar

LFC - LINEAR FLOW CONTROL - KROMSCHRODER

**083G214***
- Regulating flow of gaseous media
- Large control ratio of 25:1
- Running times 7.5 to 60 seconds
- Optional electronic position feedback
- Motor drive GT31 Hi/Low or electronic
- 50 kPa pressure rating

DK SERIES - KROMSCHRODER

Motor Drive GT Hi/Low or Electronic
Fit between DIN Flanges

**083G079***
- **DKG - Control of gas in a ratio 10:1**
  - Maximum 30 kPa maximum of 60°C
- **DKL - Control of air**
  - Maximum 30 kPa, Temp -20 to 100°C
- **DKR - Control air and flue gas**
  - Maximum 30 kPa maximum of 650°C
BUTTERFLY VALVE - MOTORISED

MK BUTTERFLY FOR AIR - KROMSCHRODER

- For Hi/Low control of cold & hot air - max 550°C
- Solenoid operated
- Position indicator - CPI
- Fast or Slow opening
- Sizes 32 - 100 mm
- Suitable for pulse firing

1146 - WAFER VALVE - NORTH AMERICAN

- Sandwiched between flanges
- Air temperature up to 370°C
- Stainless steel shaft
- Sizes 75 - 1050 mm

1156 - WAFER VALVE - NORTH AMERICAN

- Sandwiched between flanges
- For clean air or gas up to 120°C
- Cast Iron body & disk
- pneumatic or electric actuator

THERMO ELECTRIC - VALVES

CTB / 0 - 501 - CATOBA

- Manual push button operation
- Thermo - electric operation
- Size - 8 mm MxM
- Two types - Low pressure 5 kPa maximum - High pressure 150 kPa maximum
THERMO ELECTRIC - VALVES cont...

ROBERTSHAW GAS WATER HEATER CONTROL
220R SERIES

- Pilot Valve
- Main Valve
- Pressure regulator pilot
- Pressure regulator main
- Built-in energy cut-off safety device
- Thermocouple
- LPG / NAT
- AGA Approval number 5414

083RS220RTSP595
083RS220RTSP596

6801 - NEGABAN GAS HEATER CONTROL VALVE

- Pilot Valve
- Hi / Low function
- Main Valve
- Igniter
- Thermocouple
- Gas control knob

083NY06801

D3 SERIES - S.I.T

- Single valve
- Thermo - electric operation
- Manual control
- Sizes available 15 & 20 mm

AGA Approval Number 3530

083Z014*

784 SERIES - WHITE RODGERS

- Single valve
- Thermo - electric operation
- Manual control
- Extended handle available
- Sizes available 10 & 15 mm

AGA Approval Number 5004

083JD02601*
UNITROL 7000 GAS VALVE - ROBERTSHAW

- Combination Control
- Millivolt Only
- Natural Gas
- Size 3/4 Inch
- Slow Opening
- Pressure Rating 3.5 kPa
- AGA Approval Number 4985

UNITROL 7000 GAS VALVE - ROBERTSHAW

- Natural Gas
- Combination control
- Size 3/4 Inch
- 6040 Model available for LPG
- Pressure Rating 3.5 kPa
- Modulating Thermostat
- Controlled Gas Valve
- Gas operated
- AGA Approval Number 4985

UNITROL 7000 GAS VALVE - ROBERTSHAW

- Combination control
- Millivolt
- Thermopile only
- 20mm LPG
- Pressure Rating 3.5 kPa
- AGA Approval Number 4985

UNITROL 7000 GAS VALVE - ROBERTSHAW

- Combination control
- Thermopile and Thermocouple
- Slow opening
- Size 3/4 Inch (Natural Gas)
- 5523 Model available for LPG
- Millivolt System Only
- Pressure Rating 3.5 kPa
- AGA Approval Number 4985

Ph: (08) 9277 4299   Fax: (08) 9277 5824
www.allcontrols.com.au
UNITROL 7000 - ROBERTSHAW

- Natural Gas
- Combination gas control
- 120 or 240 Volt AC
- Size 3/4 Inch
- LPG Version 4520
- Pressure Rating 3.5 kPa
- AGA Approval Number 4985

UNITROL 7000 - ROBERTSHAW

- Combination gas valve
- Natural Gas
- 24 Volt AC / 12 Volt DC
- Size 3/4 Inch (Natural Gas)
- Pressure Rating 3.5 kPa
- AGA Approval Number 4985

UNITROL 7000 - ROBERTSHAW

- D Series
- Combination gas valve
- 24 Volts AC
- Size 1 Inch (Natural Gas)
- Pressure Rating 3.5 kPa
- AGA Approval Number 4985
25M - WHITE RODGERS

- Combination / Double Block with regulator
- Inlet / Outlet size 15 mm
- Voltages 12v DC, 24 / 110 / 240v AC
- Pressure rating 5kPa
- Standard flow - 25M 42S (40MJ/h)
- High flow - 25M 82S (60MJ/h)

AGA Approval Number 5153

Types:
25M 22 - 001
25M 42S - 5

36C - WHITE RODGERS

- Regulator / combination
- Sizes available 20 mm
- Voltages - 750mv, 24v, 120v, 240v
- Pressure rating 3.5 kPa

AGA Approval Number 2784

Types:
36C03U-438
36C03U-439
36C03C-435
36D22H-401

36E ON / OFF - WHITE RODGERS

- ON / OFF operation
- Electronic control
- Redundant valve
- Capacities up to 140MJ/h
- Outlet / Inlet 15 or 20 mm
- Pressure rating 5 kPa
- Optional slow opening
- Optional pilot tap

AGA Approval Number 5099

Types:
36E06-301
36E06-302
36E16P-401
36E16P-510
36E TWO STAGE - WHITE RODGERS

- High / Low operation
- Electronic control
- Redundant valve
- Capacities up to 140MJ/h
- Outlet / Inlet 15 or 20 mm
- Pressure rating 5 kPa
- Optional slow opening
- Optional pilot tap

AGA Approval Number 5099
Types:
36E20-301
36E96-229

36G ON / OFF - WHITE RODGERS

- On / Off Operation
- Electronic Control
- Voltage 24VAC
- Redundant Valve
- Capacities up to 120MJ/h
- Outlet / Inlet 15mm
- Pressure Rating 5Kpa
- Optional Slow Opening (High / Low)
- AGA Approval Number 6770

Comes in 2 Stage or On / Off models

36H ON / OFF - WHITE RODGERS

- On / Off Operation
- Voltage 24 / 240 VAC
- Electronic Control
- Redundant Valve
- Capacities up to 400MJ/h
- Outlet / Inlet 20mm
- Pressure Rating 5Kpa
- Optional Slow Opening (High / Low)
- AGA Approval Number  Awaitting

Ph: (08) 9277 4299   Fax: (08) 9277 5824
www.allcontrols.com.au
SOLENOID VALVES - FAST OPEN

VGP SERIES - KROMSCHRODER

083KR1401* Solenoid Operated

FAST OPEN - FAST CLOSE
- VGP 10 to 25
- Maximum pressure 20 kPa
- 240 / 110 volt AC
- Sizes available 10 - 25 mm

AGA Approval Number: 5567

VAS KROMSCHRODER - SCREWED

083KR159* Solenoid Operated
Valvario Series
Voltages 120 / 230V AC and 24V DC

FAST OPEN - FAST CLOSE
- Adjustable flow
- Maximum Pressure 50kPa
- Sizes available 50 - 125mm
- Optional CPI switch
- Optional slow opening
- Body type: 7, 8, & 9 available

AGA Approval Number: 3968

VAS KROMSCHRODER - FLANGED

083KR159* Solenoid Operated
Valvario Series
Voltages 120 / 230V AC and 24V DC

FAST OPEN - FAST CLOSE
- Adjustable flow
- Maximum Pressure 50kPa
- Sizes available 50 - 125mm
- Optional CPI switch
- Optional slow opening
- Body type: 7, 8, & 9 available

AGA Approval Number: 3968
### VG SERIES - KROMSCHRODER

Voltages - 240/110 AC and 24v DC

**FAST OPEN - FAST CLOSE**
- VG **R**0 - ND 31
- Pressure Rating 20 to 36 kPa
- Sizes available 10 - 100 mm

Optional
- CPI Switch for VG & VS Series
- Max flow adjustment
- Slow Opening
- 2 Step

**HIGH PRESSURE - FAST CLOSE**
- 8 mm VG 8 R 18 180 kPa
- 15 mm VG 15 / 12 R 18N31 180 kPa
- 25 mm VG 25 / 15 R 18N31 180 kPa
- 40 mm VG 40 / 33 R 10N33 100 kPa
- 50 mm VG 50 / 39 R 10N35 100 kPa
- 60 mm VG 65 / 49 R 10N33 100 kPa

AGA Approval Number: 3968

### E / EG SERIES - BRAHMA

Solenoid Operated Valves
Compact Design - Full Gas Flow
Voltages 240 / 110 / 24 AC

**FAST OPEN - FAST CLOSE**

<table>
<thead>
<tr>
<th>Part Number</th>
<th>Description</th>
<th>Voltage</th>
<th>Pressure (μ Pa)</th>
</tr>
</thead>
<tbody>
<tr>
<td>083B2218</td>
<td>6 mm E8/L</td>
<td>200 kPa</td>
<td></td>
</tr>
<tr>
<td>083B22411</td>
<td>6 mm E8/S</td>
<td>10 kPa</td>
<td></td>
</tr>
<tr>
<td>083B23431</td>
<td>10 mm E6G S</td>
<td>50 kPa</td>
<td></td>
</tr>
<tr>
<td>083B24101</td>
<td>15 mm E6G S</td>
<td>50 kPa</td>
<td></td>
</tr>
<tr>
<td>083B25101</td>
<td>15 mm EG12 S</td>
<td>25 kPa</td>
<td></td>
</tr>
<tr>
<td>083B26101</td>
<td>15 mm EG15 S</td>
<td>25 kPa</td>
<td></td>
</tr>
<tr>
<td>083B267101</td>
<td>20 mm EG25 S</td>
<td>10/35 kPa</td>
<td></td>
</tr>
<tr>
<td>083B2222</td>
<td>25 mm EG30 S</td>
<td>20/30 kPa</td>
<td></td>
</tr>
<tr>
<td>083B22331</td>
<td>40 mm EG40 S</td>
<td>20 kPa</td>
<td></td>
</tr>
</tbody>
</table>

OPTIONAL ELECTRICAL CONNECTION:
- GMO - Permanent
- CFD / DFD / GFD - DIN Plug

OPTIONAL “R” FLOW ADJUSTMENT

AGA Approval Number: 4314

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Ph: (08) 9277 4299  Fax: (08) 9277 5824  www.allcontrols.com.au
SOLENOID VALVES - FAST OPEN cont..

GB SERIES - ALCON

Voltages - 240 / 110 / 24 volt AC

FAST OPEN - FAST CLOSE
- 20 mm GB6B 10 kPa
- 25 mm GB7B 10 kPa

GAS EXPLOSION PROOF VALVES
- 15 mm GB4B EXM 14 kPa

◆ VALVE NO LONGER AVAILABLE
◆ COIL REPLACEMENTS ONLY

VS SERIES - KROMSCHRODER

Solenoid Operated
Moduline Series

FAST OPEN - FAST CLOSE
- VS *** ML0* NT3
- Pressure Rating 20 to 36 kPa
- Sizes 15 to 50 mm
- Optional flow adjustment
- Optional CPI Switch for VG & VS Series
- Optional slow opening
- Double block (VD Series)
- Two stage On / Off

AGA Approval Number: 5320

SOLENOID VALVES - SLOW OPEN

VAS/L - KROMSCHRODER

083KR159*
Solenoid Operated
Valvario Series
Voltages 120 / 230V AC and 24V DC

SLOW OPEN - FAST CLOSE
- VAS.../L
- Maximum Pressure 50kPa
- Sizes available 10 - 125mm
- Optional CSI switch

AGA Approval Number: 3968

Ph: (08) 9277 4299  Fax: (08) 9277 5824
www.allcontrols.com.au
SOLENOID VALVES - SLOW OPEN cont..

**EG SERIES - BRAHMA**

**SLOW OPEN - FAST CLOSE**

- 083B24301
- 083B25301
- 083B26301
- 083B267301

Voltagess 240 / 110 / 24v AC

- 15 mm EG15 L GFD 25 kPa
- 20 mm EG25 L GFD 10 kPa
- 25 mm EG30 L2 GFD 20 kPa
- 40 mm EG40 L GFD 20 kPa

AGA Approval Number 4314

**VS & VG SERIES - KROMSCHRODER**

- 083KR1610*
- 083KR141*  vs & VG SERIES - KROMSCHRODER

Voltagess 240 / 110v AC 24v DC

- VS** - ** MLO* L
  - Sizes 15 to 50 mm
  - Pressure rating 10 to 36 kPa

AGA Approval Number 5320

- VG ** R0* - LD31
  - Sizes available 15 to 100 mm
  - Pressure rating 20 or 36 kPa
  - Optional CPI Switches for VG & VS Series

AGA Approval Number 3968

SOLENOID VALVES - MOTORISED

**VK SERIES - KROMSCHROEDER**

- 083KR18**

Motorised - Hi - Flow / Hi Pressure

- Explosion proof - optional
- Optional IP65 rating
- On / Off or two step
- Sizes available 40 - 200mm BSP & Flanged
- Voltage - 240 / 110v AC
- Pressure up to 800 kPa

AGA Approval Number: 3968
1518 SERIES MOTORISED MANUAL RESET - NORTH AMERICAN

- Open / Shut indicator
- Proof of open & closure switch
- Opening time 6 - 12 seconds
- Sizes available 20 - 150 mm
- Maximum pressure 860 kPa

083N1518*

EG25*M & EG30*M SERIES MOTORIZED SOLENOID VALVES - BRAHMA

- Power driven modulation (for two flame levels)
- Operating pressure up to 500mbar
- 20 mm & 25 mm connections
- Mesh strainer (prevents particles greater than 1 mm from getting into the valve)
- 230 VAC or 110 VAC supplies available
- IP40 rated
- Die-cast aluminium body

AGA Approval Number: **Awaiting**

083B25*

1519 SERIES - MOTORISED AUTO RESET - NORTH AMERICAN

- Auto shut-off
- Maximum pressure 860 kPa
- Voltage 240/110 AC
- Sizes 20 - 200 mm

083N1519*
VALVE EMERGENCY STOP BUTTONS

EMERGENCY STOP SWITCH (KEYED)

- Lockable
- Up to 6 contacts per button
- PLC inputs
- ‘H’ bridge contact
- Simple mounting
- Compact design

083L0201K

EMERGENCY STOP SWITCH (KEYLESS) - TWIST RESET

- Up to 6 contacts per button
- PLC inputs
- ‘H’ bridge contact
- Simple mounting
- Compact design

083L0201

NORMALLY OPEN - VALVES

VAN SERIES - KROMSCHRODER

- Vent valves
- VAN "R0" - N31
- Voltage 240/110v AC, 24v DC
- Sizes 15 to 40 mm
- Maximum pressure 20 kPa

AGA Approval Number: 2725

083KR143*

Ph: (08) 9277 4299    Fax: (08) 9277 5824
www.allcontrols.com.au
DOUBLE BLOCK - VALVES

EG SERIES - BRAHMA

2 valves easily joined with 2 fixing brackets plus “O” ring

Volatges - 240 / 110 / 24v AC

- 15 mm EG 15 x 2 + Kit 25 kPa
- 20 mm EG 25 x 2 + Kit 10/35 kPa
- 25 mm EG 30 x 2 + Kit 20/30 kPa
- 40 mm EG 40 x 2 + Kit 20 kPa

AGA Approval Number: 4314

GVC SERIES - BRAHMA

Volatges 240 / 110 / 24v AC

Indication light On/Off

Electrical plug connection

- Optional slow opening
- 15 mm GVC 15 25 kPa
- 20 mm GVC 25 50 kPa
- 25 mm GVC 30 50 kPa
- 40 mm GVC 40 20 kPa

AGA Approval Number: 4314

VD SERIES - KROMSCHRODER

DOUBLE BLOCK FAST OPEN - FAST CLOSE

- VD*** ML0* NNT3
- Pressure rating 20 or 36 kPa
- Volatges 240 / 110v AC 24v DC
- Optional “D” Adjustable
- Optional “L” Slow opening

AGA Approval Number: 5320

VCS SERIES - KROMSCHRODER

Solenoid Operated
Valvario Series
Volatges 120 / 230V AC and 24V DC

- VCS
- Maximum Pressure 50kPa
- Sizes available 10 - 125mm
- Optional CPI switch

AGA Approval Number: 4496
ALL CONTROLS

TWO STAGE - HI / LOW - VALVES

EG SERIES - BRAHMA
Voltages 240 / 110 / 24v AC
083B24401  •  EG 15  SRP - EB7 - SR - GFD8  10 kPa
083B2542  •  EG 25  SRP3 - EBP - SR - GFD8  10 kPa
083B26401  •  EG 30  SRP2 - EBP - SR - GFD8  10 kPa
083B267*  •  EG 40  SRP2 - EBP - SR - GFD8  10 kPa
AGA Approval Number: 4314

VS Z SERIES - KROMSCHRODER
083KR1625*  •  VS *** ML0* ZN 3
Voltages - 240 / 110 AC 24v DC
Pressure rating 20 or 36 kPa
Optional “D” Flow Adjustment
Optional “L” Slow opening
AGA Approval Number: 5320

COMBINATION - VALVES

TK 25 SERIES - THEOBALD
Double block 15 mm
Voltages 240 / 110/ 24 AC
Maximum pressure 6.5 kPa
Flanges & “O” ring supplied
◆ VALVE NO LONGER AVAILABLE
◆ COIL REPLACEMENTS ONLY

VAD / VAG - KROMSCHRODER
Valvario Series
Voltages 120 / 230V AC and 24V DC
083KR159*  •  VAD - Governor with solenoid valve
083KR159*  •  VAG - Air/Gas control with solenoid valve
083KR159*  •  Maximum Pressure 50kPa
083KR159*  •  Sizes available 15 - 50mm
AGA Approval Number: 4496

GVS SERIES - ON / OFF & REGULATOR - KROMSCHRODER
083KR1630*  •  GVS 1** ML02 T3  20 kPa
Voltages 240 / 110 AC 24v DC
Sizes 15 to 50 mm
AGA Approval Number: 5319

GVI SERIES - AIR/GAS RATIO - KROMSCHRODER
083KR1634*  •  GVI 1** ML02 TS  20 kPa
Includes gas pressure regulator
Gas Regulator Included
Voltages 240 / 115 AC 24v DC
Sizes 15 - 50 mm
AGA Approval Number: 5319
COMBINATION - VALVES cont...

**CG SERIES - KROMSCHRODER**

Combination Valves, Double Block Solenoid, Gas Regulator, Filter, Pressure Switch

- 083KR22070 CG 10 R70 - D1TA 15 mm 7 kPa
- 083KR22022 CG 225 R01 - VT 2WF 25 mm 10 kPa
- 083KR22012 CG 340 R01 - DT 2WF1 40 mm 10 kPa
- 083KR22101 CG 35 R05 - DT 2 DN40 / 50 50 kPa
- 083KR22106 CG 45 F05 - DT2 DN40 / 50 50 kPa

Types Available

- "D" On/Off Regulator
- "V" Air/Gas Regulator

- Voltages - 240 /110 v AC 24v DC

AGA Approval Number: 4496

**VS COMBINATION - KROMSCHRODER**

Solenoid Operated

- Double block moduline
- Gas regulator
- CPI
- 15 - 50 mm
- Pressure rating up to 20kPa
- Voltage 240 / 110v AC, 24v DC
- Complete gas train

AGA Approval Number: 5319

**RVS SERIES - KROMSCHRODER**

Regulating / Electronic Control / Safety

- RVS *** / E ML02 T60 E3
- 20 - 50 mm with screwed flanges
- Pressure Rating up to 100kPa
- E Reference 0-10v DC, 0-20mA, 4-20mA, 0-135 OHM
- Voltage - 240 / 110 AC
- Pressure up to 100 kPa

**VALVES - OIL - AIR - WATER - STEAM**

**1008 SERIES - ADJUSTABLE PORT VALVE - NORTH AMERICAN**

- 083N1008* Drive motor available
- Sizes available 10 - 150 mm
- Suitable for high pressure oil, air, water and steam

Ph: (08) 9277 4299  Fax: (08) 9277 5824  www.allcontrols.com.au
**E7 / L AFD - BRAHMA**

- Application - Light Oil
- Maximum pressure 20 Bar
- Flow 0.055 M³/hr
- 6 mm pipe size
- 240v - DIN plug connection

**MA 321 - 005P - STAIGER**

- Application - Air bleed
- 3 Way body
- 6 mm connection
- Flow 0.06 M³/h
- 240 v AC

**MG 232 E - STAIGER**

- Application - Oil / Water / Steam / Gas and compressed air
- Maximum pressure 10 Bar
- Sizes available 15 - 25 mm

**MG 252 - 001 P - STAIGER**

- Application - Oil / Water / Steam / Gas and compressed air
- Maximum pressure 10 Bar
- Sizes available 15 - 25 mm

**VR SERIES - KROMSCHRODER**

Application: - Air (ideal for pulse firing)

- Sizes available 40 - 100 mm
- Voltages - 240 / 110v AC 24v DC
- Maximum pressure 15 kPa
ACD SERIES - ALCON

- Application - Light Oil / Air / Water / Gas
- Maximum pressure 4 - 14 bar
- Sizes 10 - 50 mm
- Voltage 12 / 24v DC  24 / 110 / 240v AC

1813 SENSITROL - NORTH AMERICAN

- Fine adjustment valve for setting fuel - air ratio on oil burners
- Sizes 8 - 15mm

1196 - AIR CYCLING VALVE - NORTH AMERICAN

- Application - Pulse firing burner systems
- Optional Electrical / Pneumatic Drive
- 24 / 110 / 240v AC

S100 - JEAVONS

- Low pressure 18 - 560 mbar
- Medium pressure 561 - 1400 mbar
- High pressure 1 - 6 bar
- Pressure rating 16 bar
- Sizes DN 50 - 100
- Manual reset

S300 - JEAVONS

- High pressure OPSO
- Maximum pressure: 20 bar
- Simple manual reset facility
- Adjustable tip-off pressure (gives wide range of set points)
- Internal or external impulse
VALVES - SLAM SHUT cont...

**JSAV - KROMSCHRODER - SCREWED**

**083KR060**
- Pressure rating 4 bar
- Sizes 25 - 40 mm screwed
- Pressure ranges up to 550mbar
- Manual reset

**JSAV - KROMSCHRODER - FLANGED**

**083KR0602**
- Pressure rating 4 bar
- Sizes 50 - 80 mm
- Pressure ranges up to 550mbar
- Manual reset

VALVES - PRESSURE RELIEF

**GAS**

**J48K - JEAVONS**

**083J004**
- Diaphragm pressure relief
- Relief pressure up to 15 kPa
- Sizes available 20 - 50 mm

**J48KH - JEAVONS**

**083J005**
- High pressure spring loaded
- Relief pressure up to 76 kPa
- Sizes available 20 - 50 mm

**VSBV25R40 - KROMSCHRODER**

**083KR06072**
- Inlet pressure: 4 bar (maximum)
- Adjustable opening pressure: 20 - 500 mbar
- Reduces temporary pressure surges in the controlled system
- Avoids sudden pressure surges in the case of gas leakages
- Free of non ferrous metals

**SMVSS032510 - SAMTECH**

**083SMVSS032510**
- Size 25 mm (1 Inch)
- Pressure: 6 bar (maximum)
- 400 - 2100 mb
3148 - REGO
083RE3148D
- Automatic fill limiter valves (AFL)
- Suits Australian or Internationally produced tanks for automotive LP Gas conversion
- Incorporates a double check system to automatically stop filling at desired level

PRV9432T150 - REGO
083REPRV9432T150
- Relief valve
- Cryogenic 1/2" 150 PSI
- Suitable for use with oxygen, carbon dioxide and non-corrosive gasses
- Pressure setting ranges up to 450 PSI

8555D11.6 - REGO
083RE8555D11.6
- Dot multivalve for liquid withdraw
- Container connection 3/4" M.NGT
- Service connection CGA 555
- Filling connection 1 3/4" M.ACME
- Pressure relief 375 PSIG
- Vapor withdraw from DOT cylinders with up to 200 lbs propane capacity

A3146 - REGO
083REA3146
- Back pressure valve for containers
- Excess flow valve to provide protection
- Inlet 3/4" NPT F
- Outlet 3/4" NPT M

A8017DP - REGO
083REA8017DP
- Multipurpose valve for liquid withdraw for LP Gas and NH3 containers
- Inlet connection 1/4" NPT
- Outlet connection 1" NPT

7177 DIAPHRAGM RELIEF VALVES - NORTH AMERICAN
083N7177*
- Cast iron body, stainless steel trim
- Nitrile seat
- Diaphragm - neoprene
- Maximum temperature 65.5°C

Ph: (08) 9277 4299  Fax: (08) 9277 5824  www.allcontrols.com.au
FILLER GUN

7659 - ROBERTSHAW
- Filler gun & accessories for LPG
- Incorporates filler handle in locked closed position
- Fill & excess flow valve
- Suit safe filling of a wide range of LPG
### GAS DETECTOR - PORTABLE

<table>
<thead>
<tr>
<th>Model</th>
<th>Brand</th>
<th>Notes</th>
</tr>
</thead>
<tbody>
<tr>
<td>Leakator Junior, Leakator 10, CD98 O₂ Sample Draw, CO₂ Diffusion, Sniffit CO Monitors 8108 O₂ Monitor</td>
<td>Bacharach North American</td>
<td></td>
</tr>
</tbody>
</table>

### GAS DETECTOR - FIXED (Wall Mount)

<table>
<thead>
<tr>
<th>Model</th>
<th>Brand</th>
</tr>
</thead>
</table>

### COMBUSTION ANALYSER

<table>
<thead>
<tr>
<th>Model</th>
<th>Brand</th>
<th>Notes</th>
</tr>
</thead>
<tbody>
<tr>
<td>Fyrite Tech 60, Fyrite-Pro, PCA, PCA2</td>
<td>Bacharach</td>
<td></td>
</tr>
</tbody>
</table>

### ELECTRONIC RATIO CONTROLS (Industrial)

<table>
<thead>
<tr>
<th>Model</th>
<th>Brand</th>
<th>Notes</th>
</tr>
</thead>
<tbody>
<tr>
<td>8000 Series Controllers ERC + O₂ Monitor</td>
<td>North American Albion</td>
<td></td>
</tr>
</tbody>
</table>

### GAS SAFETY PROTECTION SYSTEMS

<table>
<thead>
<tr>
<th>Model</th>
<th>Brand</th>
</tr>
</thead>
<tbody>
<tr>
<td>Gasguard GG⁺ Series</td>
<td>SCE</td>
</tr>
<tr>
<td>Gas Check</td>
<td>SCE</td>
</tr>
<tr>
<td>LSV, K-LSV</td>
<td>Kromschroder</td>
</tr>
</tbody>
</table>

### CONTROL PANELS

<table>
<thead>
<tr>
<th>Model</th>
<th>Brand</th>
</tr>
</thead>
<tbody>
<tr>
<td>Custom Designs</td>
<td>SCE</td>
</tr>
</tbody>
</table>
GAS DETECTOR - PORTABLE

GAS LEAK DETECTOR SPRAY - SAMTECH

- Detects gas leaks in pipes that are under pressure
- Practical and economical
- Suitable for all gases (flammable and nonflammable)
- Non-flammable
- Non-toxic
- 90% Biodegradable

LEAKATOR JUNIOR - BACHARACH

- One button operation
- Visual & Audio Indicators / Alarms
- 30cm flexible probe
- 2 Sensitivity levels
- Long battery life
- Intrinsically safe

Detects - Propane, Natural Gas, Butane, Ethanol, Gasoline, Paint Thinners, Hexane, Hydrogen & Acetone

Sensitivity (Methane Based):
- 20ppm in high sensitivity mode
- 50ppm in low sensitivity mode

LEAKATOR 10 - BACHARACH

- Simple to use
- Visual & audible alarms
- 30 hour battery life
- 20ppm usable sensitivity (methane)
- 50cm flexible probe

Detects the following gases: Acetone, Acetylene, Benzene, Butane, Ethanol, Ethylene Oxide, Gasoline, Hexane, Hydrogen, Industrial Solvents, Methane, Paint Thinners, Propane and Natural Gas.

CO₂ MONITOR - BACHARACH

- Compact and lightweight
- Simple and safe to use
- Rapid detection of changing CO₂ levels
- Quick, intelligent charge in less than 2 hours
- Up to 8 hours use on full charge
- Easy calibration in fresh air
- Automatic data logging provides complete CO₂ exposure record
SNIFFIT 40 & 50 - BACHARACH
- CO₂ Analyser
- Range: 0 - 1, 999ppm
- Resolution: 1ppm
- Sensor Accuracy: +/- 5% of reading
- Operating Temperature: 0 - 40°C

The Sniffit analyser can be used to measure Carbon Monoxide levels in room air. Typical applications include: Hot water heaters, ovens, furnaces, fireplaces and anywhere high concentrations of CO may be detected.

8108 - NORTH AMERICAN
- Simple hand held O₂ monitor
- Low battery light
- Range: 0 - 25% Oxygen Volume
- Resolution: 0 - 1%
- Accuracy: +/- 0.2%
- Sample time: Approx 20 seconds
- Display time: 30 seconds

CD 98 - CO₂ ANALYZER - BACHARCH
- Two sampling modes: sample draw or diffusion
- Two different measuring ranges: 0 - 5,000 ppm CO₂ or 0-50% CO₂
- Maintenance free dual wavelength infrared sensor
- Easy calibration in fresh ambient air
- Probe and hose assembly for sampling in hard to reach locations
- Internal pump provides continuous sampling with fast response and accurate readings
- Continuous or snapshot data logging with the push of a button
CONTINUOUS CO₂ - BACHARACH

083BA**

- Simple & rapid continuous monitor
- Audible & visual alarms
- Maintenance free dual wavelength infrared sensor
- Rugged housing
- IrDA link for gas or air calibration

RGD - GAS LEAKAGE DETECTOR - SEITRON

083SE0305

- Natural gas sensor
- Test button
- Function lamps
- Suitable for use with gas cut off valves when alarm is raised
- Push button resetable

RGD - GAS LEAKAGE DETECTOR - SEITRON

083SE0306

- Natural gas
- Function Lamps
- Valves 230V AC or 12V DC
- Audible and visible alarm
- High reliability measurement precision
- Auto reset

RGD - GAS LEAKAGE DETECTOR - SEITRON

083SE0310

- LPG gas sensor
- Test button
- Function lamps
- Suitable for use with Brahma valves
- Audible and visible alarm
- Push button reset
GAS DETECTOR - FIXED cont...

RGD - GAS LEAKAGE DETECTOR - SEITRON

- Carbon Monoxide detector (CO)
- Test button
- Function lamps
- 240v AC output relay
- Suitable for use with Brahma valves
- Audible and visible alarm

SGA - REMOTE SENSOR - SEITRON

- MET natural gas
- GPL LPGas
- Carbon Monoxide (CO)
- Can be used as an extra sensor with the RGD models

Stove Timer Switch - SCE

- Timer Switch
- Changeable timer settings
- Suitable for home safety
- For use with gas safety valves
- Ideal for elderly people or any person who might leave their stove running
SE192KG - GAS DETECTOR - TECNOCONTROL

083TCSE192KG

- LPG gas detector
- Catalyst sensor
- Connects to Central Unit (see SE139K)
- Dimensions 110 x 75 x 70 mm
- Wall Mounted
- 12 VDC

Suitable for heating plants and industrial applications.

SE301A - ALARM - TECNOCONTROL

083TCSE301A

- Audible and visible alarm
- Piezoelectric siren - 115 db Output
- Red signalling lamp
- Dimensions 160 x 115 x 80 mm
- Wall mounted
- IP43 rated
- 230 VAC

SE301B - ALARM - TECNOCONTROL

083TCSE301B

- Audible and visible alarm
- Piezoelectric siren - 115 db Output
- Red signalling lamp
- Dimensions 160 x 115 x 80 mm
- Wall mounted
- IP43 rated
- 12 VDC

PS175 - AUXILIARY POWER SUPPLY

TECNOCONTROL

083TCP192KG

- Parallel battery equipped (for continuous operation) - batteries are rechargeable
- Metal box
- 230 VAC operated
- Supplied current: 1.2 Amps
- Battery: 12 VDC 7 Ah
- Dimensions 285 x 220 x 95 mm
GAS DETECTOR - FIXED cont...

PS180 - AUXILIARY POWER SUPPLY  
TECNOCONTROL

083TCPS180
- Parallel battery equipped (for continuous operation) - batteries are rechargeable
- Metal box
- 230 VAC operated
- Supplied current: 2.5 Amps
- Battery: 12 VDC 7 Ah
- Dimensions 285 x 220 x 95 mm

PS185 - AUXILIARY POWER SUPPLY  
TECNOCONTROL

083TCPS185
- Parallel battery equipped (for continuous operation) - batteries are rechargeable
- Metal box
- 230 VAC operated
- Supplied current: 6 Amps
- Battery: 12 VDC 18 Ah
- Dimensions 455 x 260 x 220 mm

SE148KM - METHANE DETECTING CENTRAL UNIT - TECNOCONTROL

083TCSE148KM
- Connects to remote sensor SE292KM or SE293KM
- LED gas concentration indicator bar
- Two alarm levels
- 30 second alarm delay (avoids false alarms due to negligible gas presence)
- 230 VAC
- Dimensions 160 x 115 x 80 mm

SE149KM - METHANE DETECTING CENTRAL UNIT FOR 4 ZONES - TECNOCONTROL

083TCSE149KM
- Four remote sensors of type SE292KM or SE293KM
- Four LED gas concentration level bars (indicate each sensors gas concentration level in real time)
- Two alarm levels
- 30 second alarm delay (avoids false alarms due to negligible gas presence)
- 230 VAC - 12 VDC
- Dimensions 160 x 115 x 80 mm
GAS DETECTOR - FIXED cont...

CE400P - MICROPROCESSOR CENTRAL UNIT
4 TO 8 ZONES - TECNOCONTROL

- Menu driven (intuitive) programming
- Display backlight
- 4 relay inputs (for remote sensors)
- 4 relay outputs (for control applications)
- 5 commutation relays
- 3 programmable alarm levels
- Auxiliary power output 12 VDC 1 Amp max
- Dimensions 284 x 227.5 x 123 mm
- 230 VAC

ES400 - EXPANDER CARD FOR CE400P
TECNOCONTROL

Expands input and output capabilities of Central Unit CE400P to a total of:

- 8 relay inputs (for sensors)
- 8 relay outputs (for control applications)
- 9 commutation relays
- Connection to PC / Connection to a printer

TC011 - SENSOR INSULATION
INDUSTRIAL APPLICATIONS - TECNOCONTROL

- Insulates sensors element from atmospheric gases so it can only be struck by the calibration sampling gas
- Calibration set made up of a cylinder bell whose internal diameter perfectly fits to our sensors where the sensitive element is housed
- Sealing guaranteed by an internal O-ring and the proper flow rate is marked by a flow meter placed at the rim

TC012 - SENSOR INSULATION
DOMESTIC APPLICATIONS - TECNOCONTROL

- Insulates sensors element from atmospheric gases, so it can only be struck by the calibrating gas
GAS DETECTOR - FIXED cont...

**TS292KG - LPG DETECTOR / TRANSMITTER**
**IP 65 RATING - TECNOCONTROL**

- LPG detector
- High IP rating making it suitable for difficult industrial premises where dust concentrations are high
- Labyrinth housing aids dust resistance
- Simplified connections due to coupling terminals
- 4 - 20 mA output signal

**TS292KM - METHANE DETECTOR / TRANSMITTER - IP 65 RATING**
**TECNOCONTROL**

- Methane detector
- High IP rating making it suitable for difficult industrial premises where dust concentrations are high
- Labyrinth housing aids dust resistance
- Simplified connections due to coupling terminals

**TS293KM - METHANE DETECTOR / TRANSMITTER - EXPLOSION PROOF**
**TECNOCONTROL**

- Methane detector
- Suitable for applications where there is a high risk of flammability
- Ideal for installation into areas which contain high dust concentrations
- Suitable for Zone 1 & Zone 2 areas

Available with explosion proof joints ZT163 (optional)

**SE230KG - LPG DETECTOR - DOMESTIC**
**TECNOCONTROL**

- Visible and audible alarm
- Alarm stops when gas concentration drops to an acceptable level
- Power lamp (green LED)
- Fault condition lamp (yellow LED)
- Remote sensor connectable - see SE195KG
- Operates an electro valve through a relay
- IP 42 rating
GAS DETECTOR - FIXED cont...

SE230KM - METHANE DETECTOR - DOMESTIC TECNOCONTROL

- Visible and audible alarm
- Alarm stops when gas concentration drops to an acceptable level
- Power lamp (green LED)
- Fault condition lamp (yellow LED)
- Remote sensor connectable - see SE195KG
- Operates an electro valve through a relay
- IP 42 rating

SE195KM - AUXILIARY METHANE GAS DETECTION SENSOR

- For use with Methane Detector - SE230KM
- Pre-set alarm threshold
- IP 44 rating
- Suitable for household applications, e.g.: boiler rooms, cellars
- Used where sensor is exposed to dust or moisture

SE195KG - AUXILIARY LPG GAS DETECTION SENSOR

- For use with LPG Detector - SE230KG
- Preset alarm threshold
- IP 44 rating
- Suitable for household applications, e.g.: boiler rooms, cellars
- Used where sensor is exposed to dust or moisture

SE120KM - METHANE DETECTOR TECNOCONTROL

- Visible and audible alarm
- Alarm stops when gas concentration drops to acceptable levels
- Power lamp (green LED)
- Fault condition lamp (yellow LED)
- Dimensions 105 x 65 x 43 mm
- 230 VAC

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www.allcontrols.com.au
SE120KG - LPG DETECTOR - TECNOCONTROL

- Visible and audible alarm
- Alarm stops when gas concentration drops to acceptable levels
- Power lamp (green LED)
- Fault condition lamp (yellow LED)
- Dimensions 105 x 65 x 43 mm
- 230 VAC

SE126KM - METHANE DETECTOR - 1 ZONE WITH RECESSED SENSOR - TECNOCONTROL

- LED gas concentration level indicator bar
- Two alarm levels
- 30 second alarm delay (avoids false alarms due to negligible gas presence)

SE126KG - LPG DETECTOR - 1 ZONE WITH RECESSED SENSOR - TECNOCONTROL

- LED gas concentration level indicator bar
- Two alarm levels
- 30 second alarm delay (avoids false alarms due to negligible gas presence)
- Dimensions 160 x 115 x 80 mm

SE139K - GAS DETECTION CENTRAL UNIT 1 ZONE WITH REMOTE SENSOR TECNOCONTROL

- Detects either LPG or Methane (dependant upon connected sensor)
- LPG Detection: see LPG sensor SE192KG
- Methane Detection: see Methane sensor SE192KM

Unit Features

- LED gas concentration level indicator bar
- Two alarm levels
- 30 second alarm delay (avoids false alarms due to negligible gas presence)
- 230 VAC / 12 VAC / 12 VDC
- Dimensions 71 x 90 x 73 mm
COMBUSTION ANALYSER

FIXED

O₂ MONITOR - ALBION

- Simple sample draw monitor for accurate O₂ sampling
- Not affected by stack temperature.
- Alarm output
- mV output

PORTABLE

FYRITE TECH 60 - BACHARACH

- Suitable for gas, oil & propane
- Automatic power off feature
- Carry pouch provided
- Accurate operation
- Easy to use
- Light weight
- Ergonomically designed
- Long battery life
- Flue Gas Temp: 0°C - 537°C

FYRITE PRO - BACHARACH

- 6 optional models to choose from
- Hand held - all readings on one screen
- Models - O₂, CO₂, CO, Draft, Eff, XS air, Stack Temp
- Optional IR printer
- Portability - 24hrs of continual operation
- Comes with protective carry case
- A magnetic sleeve allows hands free operation

PCA SERIES - BACHARACH

- Stores 10 readings
- Hand held
- All readings on one screen
- Models O₂, CO, draft and NOₓ
- 2 year warranty on cells and unit
- Options for PC interface
- Infra-red printer output
- Comes with case

Ph: (08) 9277 4299  Fax: (08) 9277 5824  www.allcontrols.com.au
ELECTRONIC RATIO CONTROL

8000 SERIES - NORTH AMERICAN

- Programmable ratio control
- In built “out of ratio alarms”
- Dual fuel
- Inputs for other devices eg O₂ trim

Various Models Offer
- Characterised valves
- Flue gas re-circulation
- Compensated air flow
- Manual / Auto
- Process temperature control + P.I.D
- Oxygen / Fuel

ERC + O₂ MONITOR - ALBION

- Precise air/gas ratio control
- High turndown capability
- Compensates for changes in media temperature & pressure
- Saves energy, easy to install & commission

Ph: (08) 9277 4299    Fax: (08) 9277 5824
www.allcontrols.com.au
**GAS SAFETY PROTECTION SYSTEMS**

**GAS GUARD GG SERIES - SCE**
- For laboratories and kitchens
- Key switch
- Fire alarm
- Provision for field emergency stop button
- Control panel integral with gas valves or remote
- Low gas pressure protection
- All valves AGA approved
- For any pipe size
- Widely used in N.S.W & QLD

**GAS CHECK - SCE**
- For multi-storey buildings, kitchens, boiler rooms, class rooms and laboratories
- A wide range of fire alarm, gas detection and emergency stop devices
- Low gas pressure protection
- All valves AGA approved
- Meets guidelines of the “Office of Gas Safety” - Victoria
- Pipe sizes 6 mm - 150 mm

**LSV, K-LSV - KROMSCHRODER**
- Safety valve for laboratories
- EC type tested and certified design
- CE Approved
- Control panels SK32** and SK10 (sold separately)

**CONTROL PANELS**

**SCE PROVIDES IN HOUSE**
- Design
- PLC Software
- CAD Drawings and documentation
- Manufacture
- Factory testing

**FOR**
- Gas fired kilns and furnaces, including pulse fired applications
- Boilers and heaters
- Dryers
- Heating and air conditioning systems
- Powder coating lines
- Vacuum systems
- Material handling
- Equipment test modules

Contact us with your specialised requirements.
### IGNITION ELECTRODES / SENSORS

**Commercial**
- Z8038, Z8042, Z8050
- RS14060920, RS14061520
- Z8030, Z8032, Z8034
- Z8020, Z8035
- B.30.2, B.90.4
- Square
- Flame Sensors, Electrode
  - 50067, 501/21/2
  - 760 Series
- Robertshaw
- Eurolec
- Polidoro
- Catoba
- PSE
- Apco
- White Rodgers

**Industrial**
- 4051, 4055
- SCE
- North American

### IGNITOR - PIEZO

**Piezo Push-Button**
- AE-3630, P210015
- Ineco
- Catoba
- Junkers

### IGNITORS - ELECTRONIC

#### IGNITION TRANSFORMER - WOUND

**110V**
- T11M, T16M, T16MC
- TZI
- Brahma
- Kromschroder

**240v**
- TZI
- Brahma
- Kromschroder

**415v**
- T17M
- Brahma

#### IGNITION TRANSFORMER - ELECTRONIC

**110V**
- TSC1
- Brahma

**240v**
- TSC1, TC1L, TC2L
- Brahma

### TRANSFORMERS - STEP DOWN

**240 / 24V**
- 1.0AMP, 1.25AMP, 1.75AMP, 2AMP
- Miscellaneous
IGNITION ELECTRODES / SENSORS

COMMERCIAL

UNIVERSAL ELECTRODE / EARTH ROD

- Electrode
- Earth rod
- Length 36mm
- Supplied with diamond shaped bracket

083Z8038

IGNITOR

- Electrode
- Suitable for ovens & grillers

083Z8042

FLAME SENSOR

- Length 24cm
- Porcelain - 4cm
- Rod - 11cm
- Tear drop shaped bracket

083Z8050

ROBERTSHAW

- Spark plug & lead
- Length 1200mm

083RS14060920

ROBERTSHAW

- Spark plug & lead
- Length 550mm

083RS14061520

EUROLEC - ELECTRODE

- Length 500mm
- Supplied with lead & spring

083Z8030

EUROLEC - ELECTRODE

- Length 850mm
- Supplied with spring & clip

083Z8032
IGNITION ELECTRODES / SENSORS cont...

**ELECTRODE - EUROLEC**

083Z8034
- Right angle
- Sleeved lead

**UNIVERSAL ELECTRODE**

083Z8020
- 45mm porcelain body
- 100mm flame rod

**IGNITION ELECTRODE**

083Z8035
- 110mm porcelain body
- 120mm flame rod

**IGNITION ELECTRODE - POLIDORO**

083P40*
- Suit Polidoro pilot
- Round shape
- Long reach spark

**ELECTRODE / FLAME ROD - CATOBA**

083CB2058
- Ceramic 53mm x 7mm x 6mm
- Fits Catoba pilot
- Square shape

**FLAME SENSOR - PSE**

083PS0042
- Diamond Bracket
- Rod length - 75 mm
- Ceramic - 38 mm
- Lead - 1000 mm
- Double Lock Stake
- Kanthal wire
**COMMERCIAL**

**ELECTRODE - PSE**

- Combination Electrode / Sensor
- Earth rod with bracket
- 200 mm reach
- Small length version available (PS0060)

**50067 - APCO**

- Electrode with integral lead
- Teardrop bracket

**50121/2 - APCO**

- Flame sensor with integral lead
- Teardrop bracket

**760 SERIES - WHITE RODGERS**

- Ignition electrode
- Earth electrode

**INDUSTRIAL**

**FLAME ROD / IGNITOR - SCE**

- 300 mm x 6 mm
- Optional clip and rubber boot

**4051 - AIR ASSISTED - NORTH AMERICAN**

- Improves ignition by increasing spark area
- Reduces gas pilot components
- Reduces pilot maintenance
- Long life - durable
- To suit a large range of burners
IGNITION ELECTRODES / SENSORS cont..

4055 - DIRECT SPARK - NORTH AMERICAN
- For use with industrial burners, including North American burner models 4422, 4425, 4575, 4832 & 4836
- Available in various lengths

 PIEZO IGNITORS

AE - 3630 - INECO
083CC03630
- Suitable for atmospheric burners
- Spring kit version - 16 mm mounting
- Nut version - 18 mm mounting
- Up to 120°C

P 210015 - INECO
083CC03500
- Lock nut version
- Suitable for atmospheric burners
- Large flange model

PIEZO - JUNKERS
083JU0020
- Heavy duty large style
- Suitable for atmospheric burners

IGNITORS - ELECTRONIC

ELECTRONIC IGNITOR - ISPRA CONTROLS
083ZE08020
- 2 Point
- 240 Volt

ELECTRONIC IGNITOR - ISPRA CONTROLS
083ZE08060
- 6 Point
- 240 Volts
IGNITORS - ELECTRONIC cont...

ELECTRONIC IGNITOR - ISPRA CONTROLS

083ZE08080
- 8 Point
- 240 Volt

ELECTRONIC IGNITOR - REGESA

083RG01020
- 1.5 volt DC
- 2 Outlet

083RG02020
- 9 volt DC
- 2 Outlet

083RG030*
- 12 volt DC or 110 volt AC
- 2 Outlet + 6

083RG080*
- 240 volt
- 2 or 4 Outlet
- Bottom or side mounting
- Available with push button in 4 outlet

ELECTRONIC IGNITOR - REGESA

083RG08028
- 240 volt
- 1 Outlet
- Re-Ignitor
IGNITION TRANSFORMERS - WOUND

110 VOLT

T11/M - 110 VOLT / 50Hz - BRAHMA
- Single high output (1x 9 kV)
- Intermittent ignition (33%)
- Longlife transformer
- Secondary current - 20 mA
- Shell shape

T16/M & MC - 110 VOLT / 50Hz - BRAHMA
- Dual output (2 x 5 kV)
- Intermittent ignition (33%)
- Longlife Transformer
- Secondary current - 20 mA
- Shell shape
(MC Model is Bottom Entry)

TZI 5/15 - 110 VOLT / 50Hz - KROMSCHRODER
- Single output (1 x 5 kV)
- Intermittent ignition (15%)
- Secondary current - 11 mA
- Compact dimensions
- Can use single electrode for ignition & monitoring

240 VOLT

T11/M & MC - 240V / 50Hz - BRAHMA
- Single high output (1x9 kV)
- Intermittent ignition 33%
- Secondary current - 20 mA
- Longlife transformer
- Shell shape
(MC Model - Bottom Entry)

T13/M & AN - 240V / 50Hz - BRAHMA
- Continuous ignition (100%)
- Single output (1 x 8 kV)
- Longlife transformer
- Secondary current - 16 mA
- Top side entry
(AN Model - Bottom Side Entry)

T14/L - 240V / 50Hz - BRAHMA
- Intermittent ignition (25%)
- Double output (2 x 4.5 kV)
- Secondary current - 25 mA

Ph: (08) 9277 4299   Fax: (08) 9277 5824
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IGNITION TRANSFORMERS cont....

**T16/M & MC - 240V / 50Hz - BRAHMA**

- Dual output (2 x 5 kV)
- Intermittent ignition (33%)
- Longlife transformer
- Secondary current - 20 mA
- Side entry x 2

(MC Model has Bottom Entry)

**T17/M - 240V / 50Hz - BRAHMA**

- Dual output (2 x 5 kV)
- Continuous ignition (100%)
- Longlife transformer
- Side entry x 2
- Secondary current - 16 mA

**T18B & D - 240V / 50Hz - BRAHMA**

- Continuous ignition (100%)
- Double output (2 x 4.5 kV)
- End entry x 2
- Secondary current - 19 mA
- Large industrial type

(D Model has Bottom Entry)

**TZI 5/15 - 240V / 50Hz - KROMSCHRODER**

- Single output (1 x 5 kV)
- Intermittent ignition (15%)
- Compact dimensions
- Can use single electrode for ignition and monitoring
- 110v option available
- Secondary current 11mA
ALL CONTROLS

IGNITION TRANSFORMERS cont....

TZI 7.5/33 or 100-240v /50Hz - KROMSCHRODER

- Single output (1 x 7.5 kV)
- Option of Intermittent ignition (33%) or continuous (100%)
- High operational reliability
- Ignition of gas/oil burners
- Can use single electrode for ignition and monitoring
- Secondary current - 12 mA
- Open - for cabinet mounting
- Compact dimensions

TZI 5/15 - 240V / 50Hz - KROMSCHRODER

Ignition transformer for high voltage spark ignition of gas or oil burners. Suitable for ignition and monitoring with one or two electrodes.

- Single output (1 x 5 kV)
- Intermittent ignition (15%)
- IP65 enclosure
- Compact dimensions
- Can use single electrode for ignition and monitoring
- 110v option available
- Secondary current 11mA

415 VOLT

T17/M - 415 VOLT - BRAHMA

- Double output (2 x 4 kV)
- Continuous ignition (100%)
- Secondary current - 16 mA
- Large industrial type

ELECTRONIC IGNITION TRANSFORMERS

110 VOLT

TSCI - 110v - BRAHMA

- Single output (1 x 15000 v)
- Continuous Ignition 100%
- Top entry
- Compact design

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www.allcontrols.com.au
ELECTRONIC IGNITION TRANSFORMERS

240 VOLT

TSCI - 240V - BRAHMA
083B0504
- Single output (1 x 15000 v)
- Continuous Ignition 100%
- Top entry
- Compact design

TC1L - 240V - BRAHMA
083B0530
- Single output (1 x 13000 v)
- Intermittent ignition - 50%
- Secondary current 25mA
- Compact design
- Available with inbuilt anti emission filter

TC2L - BRAHMA
083B0540
- Double output (2 x 10,000 v)
- Intermittent ignition - 50%
- Secondary current - 30 mA
- Compact design

TC2LVCS - BRAHMA
083B0560
- Continuous Ignition 100%

STEP DOWN TRANSFORMERS

240 VAC / 24 VAC
083Z030*
- Available in 1.0, 1.25, 1.75, 2 amp
- Compact size
- Solid structure