ALL CONTROLS NZ LTD.

FOR ALL YOUR GAS, COMBUSTION & CONTROL EQUIPMENT REQUIREMENTS

Ph: 09 259 4545

ALL CONTROLS

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www.allcontrols.co.nz
33F WALMSLEY ROAD, OTAHUHU, AUCKLAND

ALL CONTROLS NZ LTD.

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ALL CONTROLS

ALL CONTROLS REPRESENTS SOME OF THE MAJOR SUPPLIERS TO THE INDUSTRY

ALL CONTROLS

BROEN-LAB

BELIMO

BRAHMA

CHALLENGER VALVES AND ACTUATORS

BROMIC PLUMBING & GAS

catoba

Digitron

CLEVELAND CONTROLS

CUENOD

DUNGS® Combustion Controls

ECLIPSE

Dormont

elco

FENWAL CONTROLS

Ecoflam

fives north american

Honeywell

fireye

PACIFIC HOSEFLEX PTY LTD

GIACOMINI WATER E-MOTION

Jeavons

HWA YOUNG

JUMO

krom schroder

Landis Gyr manage energy better

LOGI valve

MOPEKA accuracy above everything

Negaban

OGS OCEANIA GAS SAFETY

Pietro Fiorentini

Pacific Seismic PRODUCTS

Schwank Heating. Cooling. Systems.

RIELLO

Robertshaw

SIT

SIEMENS

Be sure. testo

White Rodgers

ALL CONTROLS

All Controls NZ Ltd.

For all things Gas & Combustion

Useful Facts & Figures

1mJ = 1000BTU

1kW = 3.6mJ

1mW = 1000kW = 3600mJ

1m^3 NG = 40mJ

1m^3 LPG = 100mJ

1kG LPG = 50mJ

1kPa = 10mBar = 4”wg

7kPa = 1PSI = 28”wg

100kPa = 1Bar = 14.5PSI

Note that all figures are approximate only and have been rounded up or down for convenience

33F Walmsley Road, Otahuhu, Auckland

Tel: 09-259-4545 **Email: sales@allcontrols.co.nz**

ALL CONTROLS

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AC

ALL CONTROLS

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ALL CONTROLS

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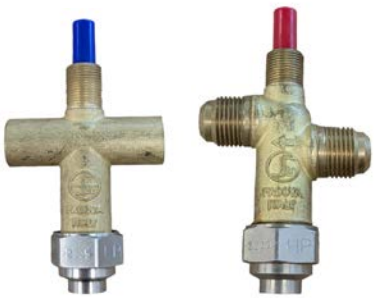
BELIMO, HONEYWELL,
KROMSCHRODER, SIEMENS


AC

ALL CONTROLS

THERMO ELECTRIC VALVES

ALL CONTROLS



SIT M1 Series

- Manual push button operation.
- Thermocouple operation.
- 500 kPa maximum.

 # ST0400054 – 1/4” F x F

 # ST0400097- 3/8” M x M Flare Offset



SIT D3 Series

- Single valve.
- Thermocouple operation.
- Manual control.
- 15 and 20mm sizes available.
- Pilot take off.

 # ST0440034 - 15mm F x F

 # ST0440033 - 20mm F x F



Robertshaw 1720 Series

- Pilot & main flame operation.
- Thermocouple operation.
- 3/8” bsp connections.
- 1/2 PSI rated.

 # RSTS11J



White-Rodgers Series 784

- Single valve.
- Thermocouple operation.
- Manual Control..
- Pilot take off..

 # JD026013

ALL CONTROLS

GAS CONTROL VALVES



Gas Heater Control Valve

- Pilot valve
- Main valve
- Igniter
- Thermocouple operation
- Gas control knob

 # NY06801

Replaces Dungs BM733 Valve



SIT AC Gas Hot Water Control Valve

- **35^{O}C - 75^{O}C**
- Pilot valve.
- Main valve.
- Pressure regulator pilot.
- Pressure regulator main.
- Built-in energy cut-off safety device.
- Thermocouple.
- Natural Gas & LPG

 # ST0610040



Robertshaw Gas Hot Water

Control Valve

- Pilot valve.
- Main valve.
- Pressure regulator pilot.
- Pressure regulator main.
- Built-in energy cut-off safety device.
- Thermocouple.
- LPG only available.

 # RS220RTSP596

ALL CONTROLS

GAS CONTROL VALVES



SIT Eurosit Valve

- Thermo electric flame failure.
- Adjustable gas flow.
- Thermostat with On/Off.
- Adjustable pilot flow.
- Inlet and pilot filters.

 # ST0630…X



SIT Minisit Valve

- Thermo electric flame failure.
- 13-38^{O}C.
- Thermocouple connection.
- 1/4” Pilot connection
- 1/2” Inlet, 3/8” Outlet connections.

ST0710133



White-Rodgers 36C

- Regulator / combination valve.
- 20mm.
- Voltages 750mv, 24 / 120 / 240 vac.
- 3.5 kPa pressure rating.
- AGA approval number 2784.

Thermocouple pilot versions:

 # W0085 – 24v main

 # W0086 – 240v main

 # W0088 – millivolt main

Wired pilot versions:

 # W0087 – millivolt main

 # W0093 – 120v main

 # W0094 – 24v main

 # W0095 – 240v main

COMBINATION VALVES

ALL CONTROLS



Kromschroder CG Series

- **NO LONGER AVAILABLE**

Contact ALC for replacement information



Kromschroder VAS Series Combination Valves

- Pilot and Main gas combination.
- Integrated Regulator.
- Modular System.
- Configured to your requirements.

 # KR 155....as selected

Contact ALC for technical information

ALL CONTROLS

ROBERTSHAW UNITROL 7000 VALVES

Robertshaw

SUBJECT TO AVAILABILITY



Millivolt main and wired pilot

 # RSBMVRLS7C5531 Natural Gas

 # RSBMVRLS75507 LPG



Gas controlled and thermocouple pilot

 # RSBGORL6032 Natural Gas

 # RSBGORL6040 LPG



Millivolt main and thermocouple pilot

 # RSBMVRLS7C5515 Natural Gas

 # RSBMVRLS7C5523 LPG



240 VAC main, thermocouple pilot

 # RSBERL4512 Natural Gas

 # RSBERL4520 LPG



Knob for Robertshaw Gas Control Valves

 # RS82220

ALL CONTROLS

GAS SOLENOID VALVES

BRAHMA





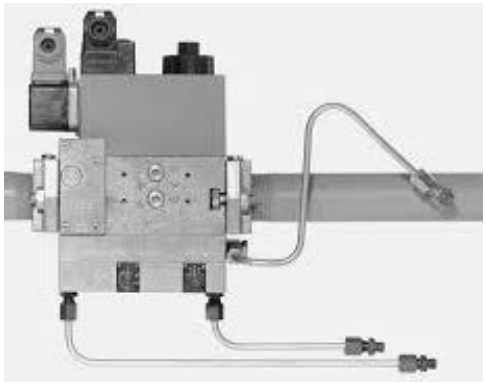

Part Number	Size	Body	Max Press.	Flow Adj.	Fast open	Slow Open	Coil Type	Coil No. 240 Vac
B2213 (oil)	1/8"	Brass	20 Bar	No	Yes		E7L	B70205
B2216	1/8"	Brass	500 mB	No	Yes		E8L	B70216
B22221	1/4"	Brass	100mB	No	Yes		E8L	B70216
B22261	1/4"	Brass	1000 mB	Yes	Yes		EG6/12/15	B70243GFD
B22361	3/8"	Brass	500 mB	Yes	Yes		EG6/12/15	B70243GFD
B22461	1/2"	Brass	500 mB	Yes	Yes		EG6/12/15	B70243GFD
B24201	1/2"	Alum.	500 mB	Yes	Yes		EG6/12/15	B70243GFD
B24301	1/2"	Alum.	250 mB	Yes		Yes	EG6/12/15	B70243GFD
B25201	3/4"	Alum.	100 mB	Yes	Yes		EG25S1	B70260GFD
B25301	3/4"	Alum.	100 mB	Yes		Yes	EG25L3	B70270GFD
B26201	1"	Alum.	350 mB	Yes	Yes		EG30S2	B70270GFD
B26301	1"	Alum.	100 mB	Yes		Yes	EG30S5	B70280GFD
B267101	11/2"	Alum.	200 mB	Yes	Yes		EG40S2	B702950GFD
B267301	11/2"	Alum.	200 mB	Yes		Yes	EG40S2	B702950GFD
B71216	DIN Plug to suit GFD Valves							
B2490	FIXING SYSTEM KIT FOR EG15							
B2590	FIXING SYSTEM KIT FOR EG25							
B2655	FIXING SYSTEM KIT FOR EG30							
NOTE: 110 volt AC & 24 volt AC COILS AVAILABLE								
GVC SERIES								
B2450	1/2"	Alum.	2 x FOFC VALVES (1x FLOW ADJUST, 1 x NON ADJUST					
B2550	1"	Alum.	2 x FOFC VALVES (1x FLOW ADJUST, 1 x NON ADJUST					
B2650	11/2"	Alum.	2 x FOFC VALVES (1x FLOW ADJUST, 1 x NON ADJUST					
B2652	11/2"	Alum.	1 x FOFC / 1 x SOFC VALVES					
B26755	11/2"	Alum.	1 x FOFC / 1 x SOFC VALVES					

ALL CONTROLS

DUNGS®



DUNGS MB-DLE SERIES
Main Flow Adjustment &
Slow Open Adjustment



DUNGS VEF Series2 x FOFC
with Air Gas Ratio Control



DUNGS MB-ZRDLE Series
Two Stage, Flow Adjustment
on first stage.

415 & 420 Sizes. S5 = 20 – 50 Mb Spring Range

ITEM CODE	SIZE BSP	DESCRIPTION
EL813016758	1 BSP	GAS VALVE MB-DLE 410 B01 S02 RP1+P.MAXI
EL865323604	1 BSP	GAS VALVE MB-DLE 410 B01 S50 RP1
EL813020503	1 1/4" BSP	GAS VALVE MB-DLE 412 B01 S20 RP1 1/4
EL865323610	2" BSP	GAS VALVE MB-DLE 420 B01 S20 RP2
EL865323606	1" BSP	GAS VALVE MB-ZRDLE 410 B01 S50 RP1
EL813012275	1 1/4" BSP	GAS VALVE MB-ZRDLE 412 B01 S20 1.1/4”
EL865323612	1 1/2" BSP	GAS VALVE MB-ZRDLE 415 B01 S20 RP1 1/2
EL865300664	2" BSP	GAS VALVE MB-ZRDLE 420 B01 S20 RP2
EL865300709	1 1/4" BSP	GAS VALVE MB-VEF 412 B01 S12 RP1 1/4 VG3 TC

See page 74 for Further Information on
DUNGS Pressure Switches & Valve Proving

ALL CONTROLS

krom // schroder



Kromschroder VAS Series

- FOFC, SOFC.
- 50 kPa maximum pressure.
- DN15-125mm sizes available.
- C/W screwed flanges.
- Closed Position Indicator option.
- Normally Open Relief Valve available.

Item Number	Size DN	Fast Open	CPI	Slow Open	Norm. Open	Coil Code
KR151110F0	12mm	Yes				KR15711100
KR151110F0S	12mm		Yes			KR15711100S
KR151110S0	12mm			Yes		KR15711100
KR151115F0	15mm	Yes				KR15711100
KR151115F0S	15mm		Yes			KR15711100S
KR151115S0	15mm			Yes		KR15711100
KR15611200	20mm				Yes	KR15711100
KR151120F0	20mm	Yes				KR15711100
KR151120F0S	20mm		Yes			KR15711100S
KR151120S0	20mm			Yes		KR15711100
KR15611250	25mm				Yes	KR15711100
KR151125F0	25mm	Yes				KR15711100
KR151125F0S	25mm		Yes			KR15711100S
KR151125S0	25mm			Yes		KR15711100
KR151232F0	32mm	Yes				KR15712250
KR151232F0S	32mm		Yes			KR15712250S
KR151232S0	32mm			Yes		KR15712250
KR151240F0	40mm	Yes				KR15712250
KR151240F0S	40mm		Yes			KR15712250S
KR151240S0	40mm			Yes		KR15712250
KR151250F0	50mm	Yes				KR15712250
KR151250F0S	50mm		Yes			KR15712250S
KR151250S0	50mm			Yes		KR15712250
KR151365F0	65mm	Yes				KR15713400
KR151365S0	65mm			Yes		KR15713402



Cable Grommet Set VA1

- Wire two VA valves in series.

KR159200 (VA1),

KR159210 (VA2)

KR159220 (VA3)



2 Pole Socket & DIN Plug

- Suitable for VA1 - 3

KR159300



Sealing Set VCS...

- 1 x Double Block seal.
- 1 x Retaining Frame.

KR159232 (VAS-I)

KR159242 (VAS-2)

KR159252 (VAS-3)

GOLD SEAL VALVES LTD

ALL CONTROLS

AGA

OGS GAS VALVES			
Part Number	Size	Body	Max Press.
SCREWED BSP			
OGS-GSV15-230	1/2" (15MM)	Alum.	360 mB
OGS-GSV20-230	3/4" (20MM)	Alum.	360 mB
OGS-GSV25-230	1" (25MM)	Alum.	360 mB
OGS-GSV32-230	1 1/4" (32MM)	Alum.	200 mB
OGS-GSV40-230	1.1/2" (40MM)	Alum.	200 mB
OGS-GSV50-230	2" (50MM)	Alum.	200 mB
FLANGED PN16			
OGS-GSV65 F-230	2.1/2" (65mm)	Alum.	200 mB
OGS-GSV80 F-230	3" (80mm)	Alum.	200 mB
OGS-GSV100 F-230	4" (100mm)	Alum.	200 mB
CPI SWITCH			
OGS-CPI-20/25	20 & 25mm VALVES		
OGS-CPI-32/40	32 & 40mm VALVES		
OGS-CPI-50	50mm VALVE		
OGS-CPI-65/80	65 & 80mm VALVES		
OGS-CPI-100	100mm VALVE		
OGS-PT	PRESSURE TRANSDUCER		





OGS WATER VALVES			
Part Number	Size	Body	Max Press.
OGS-GSW-1/2" 230VAC	1/2" (15MM)	Brass	16 Bar
OGS-GSW-3/4" 230VAC	3/4" (20MM)	Brass	16 Bar
OGS-GSW-1" 230VAC	1" (25MM)	Brass	16 Bar
OGS-GSW-1.1/4" 230VAC	1 1/4" (32MM)	Brass	16 Bar
OGS-GSW-1.1/2" 230VAC	1.1/2" (40MM)	Brass	16 Bar
OGS-GSA-2" 230VAC	2" (50MM)	Brass	16 Bar
24VAC & 24VDC AVAILABLE FOR ALL VALVE SIZES			

WRAS APPROVED PRODUCT



ALL CONTROLS

MOTORISED VALVES

krom // schroder



Kromschroder VK Series

- Slow open, fast close actuated.
- 40-250mm sizes available.
- Screwed or flanged.
- 1 Bar pressure rating, 4 Bar available.
- CPI position switch available.
- Explosion proof actuator available.
- 240 / 110volt AC.

 # KR18.....

 # KR18602 CPI Switch

Contact ALC for technical information.

MOTORISED BUTTERFLY VALVES



Kromschroder DK Series

DKG: Control of Gas

- Maximum of 30kPa.
- Maximum of 60°C .

DKL: Control of Air

- Maximum of 30kPa.
- Maximum of 100°C.

DKR: Control of Air and Flue Gas

- Maximum of 30kPa.
- Maximum of 650°C.

ALL CONTROLS

SEISMIC VALVES

Pacific Seismic PRODUCTS



Earthquake Activated Gas Shut Off Valves

- 3/4" - 8" Available.
- 4 Bar (60PSI).
- UL Listed.
- Screwed and Flanged available.
- Horizontal, vertical top inlet, vertical bottom inlet available.
- Optional micro switch monitoring (Factory fitted).

 # CV 3.....specify size Contact ALC for further information.





Electrical Seismic Sensor

- UL Listed.
- Wall mount.
- 2 x SPDT output for Solenoid Valve.
- Alarm or BMS connection.
- Manual reset.

 # CV-510

ALL CONTROLS

MOTORISED & MANUAL FLOW CONTROL VALVES

ECLIPSE



ECLIPSE BV Manual or Motorised Butterfly Valves

- Swing through disc Sizes 15 - 200mm available. Maximum pressure dependant on size.

Available on request, contact ALL CONTORLS to discuss your requirements

krom//schroder



KROMSCHRODER LFC (LINEAR CONTROL) VALVE

- Large control ratio of 25:1.
- 15 – 40mm screwed flanges.
- Direct mount for IC 20 & IC 40 motors.



Typical installation of KROMSCHRODER IC 20 motor on KROMSCHRODER LFC valve.
(IC 20 Motor Not Included)

FLOW CONTROL VALVES

ALL CONTROLS

SIEMENS



Siemens SKB Actuators

- SKB32. 240 Vac.
- SKB82. 24 Vac.
- SKB6. 24 Vac.
- With or without spring return function.
- Direct mounting on VVF, VVG, VXF & VXG valves.
- Direct mounting on 2 & 3 port valves.

*# SKB******

Contact ALC for further technical information.



Siemens VVF 2 Port Valves.

- Flanged connections.
- DN 15 – DN 250.
- PN 25

*# VVF******

Contact ALC for further technical information.



Siemens VXF 3 Port Valves.

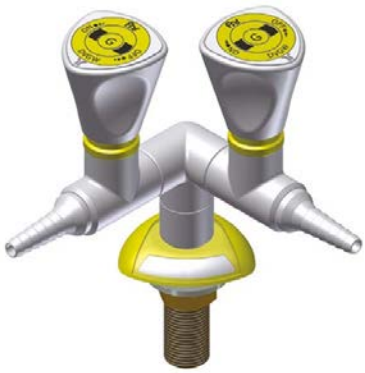
- Flanged connections.
- DN 15 – DN 250.
- PN 25

*# VXF******

Contact ALC for further technical information.

ALL CONTROLS

SCHOOL LABORATORY EQUIPMENT



FAR Laboratory Taps

- Bench mounting.
- Two outlet @ 90 Deg.
- 1/2” Male thread connection.

 # EN-12012.2M-G
Contact ALC for other configurations .



Bunsen Burners

- Natural or LP Gas available.
- 10mm. Side tube.
- Cast enameled base for stability.

Contact ALC for further technical information.

ALL CONTROLS

ADJUSTABLE PORT VALVES





Needle Valves

- Precise control
- M x F 1/4”

 # I0181

1807 Limiting Orifice Valve

- V-Port for setting gas/air ratio.
- Concealed Screwdriver adjustment.
- Sizes available 3/4” – 3” Available

*# N1807-***

Contact ALC for further information.

MANUAL BALL & BUTTERFLY VALVES



GBV***

GAS APPROVED



W*** – LOGI DUAL APPROVED

Lever Handle Ball Valves

- AGA Approved.
- 1” – 2” BSP sizes available.
- 2600 kPa Pressure rating.

GBW10 (10mm) – GBV50 (50mm)

W20F (20mm), # W25F (25mm)



Challenger Butterfly Valves

- For air and gas.
- AGA Approved.
- 50mm - 200mm sizes available.
- 1050 kPa Pressure rating.
- Table E or ANSI 150 available.

BFLNEE50*****

Contact ALC for further technical information.

ALL CONTROLS

SEALANTS



VIPER WetRag Heat Blocking Putty

- 346g Jar.

 # RT400P



Loxeal 18-10 Thread Sealant

- 100 ml.
- AGA Approval 5047.
- For NG & LPG up to 5 bar & 2” pipe size.

 # BM-7170583



PTFE Thread Seal Tape

- 0.1mm x 12mm x 10m.
- AGA Approved..

 # BM-7170381

ACTUATORS & SERVO MOTORS



Kromschroder IC 20 Series

- 0 - 90^{O} Movement.
- 240 or 120 volt AC Supply.
- Automatic or manual operation.
- Three point step signal control.
- 7.5 - 60 seconds running time.
- External readable position indicator.
- “E” model available with electronic 4 - 20mA card.

 # KR1952130



Belimo Dampers & Actuators

- Full range of Belimo dampers and actuators available.

BE******

ALL CONTROLS

Regulators – Natural Gas

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AC

ALL CONTROLS

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AC

ALL CONTROLS

APPLIANCE REGULATORS

MAXITROL®



Maxitrol RV48 Natural Gas Appliance Regulator

- 7.0 kPa maximum inlet pressure.
- 0.75 – 1.5 kPa adjustable outlet.
- Test point.
- 250 mJ/hr.

 # Z0209C, 15 mm.

 # Z0209B, 20 mm.



Maxitrol RV48 LPG Appliance Regulator

- 7.0 kPa maximum inlet pressure.
- 1.25 – 3.0 kPa adjustable outlet.
- Test point.
- 250 mJ/hr.

 # Z0209, 15 mm.

 # Z0209A, 20 mm.

STEP DOWN REGULATORS

ALL CONTROLS

Pietro Fiorentini



Pietro Fiorentini 300 Series

- Stepdown Regulator for general applications.
- Safety Diaphragm.
- High flow rates.
- Powder coat finish.
- 50 kPa maximum inlet pressure.
- 3/4 - 1” bsp available.

PF-30051-1.1 (7 – 20 mB) 1/2”

PF-FAG-30051 (10 - 30 mB) 1/2”

PF-30051-4 (25 – 7 0mB) 1/2”

PF-30051-7 (60 – 150 mB) 1/2”

PF-30052-1.1 (7 – 20 mB) 3/4”

PF-FAG-30052 (10 - 30 mB) 3/4”

PF-30052-4 (25 – 70 mB) 3/4”

PF-30053-1.1 (7 – 20 mB) 1”

PF-FAG-30053 (10 – 30 mB) 1”

PF-30053-4 (25 – 70 mB) 1”

PF-30053-7 (60 – 150 mB) 1”

Jeavons J78 Equivalent

 # PF-30051, 1/2”

 # PF-30052, 3/4”

 # PF-30053, 1”

Jeavons J48 Equivalent

 # PF-30151, 3/4”

 # PF-30152, 1”

 # PF-30154, 1 1/2”

 # PF-30155, 2”

While regulators are robustly made and finished all manufactures recommend that some degree of weather protection is fitted. In particular vent ports should not be installed in such a way that moisture cannot enter the inside of the regulator.

NOTE: For inlet pressures over 7kPa downstream overpressure protection is generally required.

STEP DOWN REGULATORS

ALL CONTROLS

ELSTER Jeavons



Jeavons J78 Regulators

For large domestic / small commercial applications.

- 10 kPa recomended maximum inlet pressure.
- Range of outlet springs available from 6mbar to 42mbar.
- 1/2, 3/4 & 1” bsp available.
- Up to 1200mJ/hr.

 # J0001, 1/2”

 # J0002, 3/4”

 # J0003, 1”



Jeavons J48 Regulators

For large commercial applications

- 35 kPa maximum inlet pressure.
- Range of outlet springs available from 6mbar to 100mbar.
- 3/4 - 2” bsp available.
- Up to 18,500mJ/hr.

 # J0005, 3/4”

 # J0006, 1”

 # J0007, 11/4”

 # J0008, 11/2”

 # J0009, 2”

2 1/2 & 3” available flanged, indent only

NOTE: For inlet pressures over 7kPa downstream overpressure protection is generally required.

ALL CONTROLS

OVER PRESSURE PROTECTION SYSTEMS

Pietro Fiorentini



Pietro Fiorentini 320 Series with OPSO

- Safety Diaphragm.

 # PF-32051-2.75 (10 – 30mB) 1/2"

 # PF-32052-2.75 (10 – 30mB) 3/4"

 # PF-32052-4 (25 – 70mB) 3/4"

 # PF-32053-2.75 (10 – 30mB) 1"

 # PF-32053-4 (25 – 70mB) 1"



Pietro Fiorentini FE/FES Series

- Internal relief.
- Outlet pressure range 1.3 - 18 kPa.
- OPSO range 3.5 - 30 kPa.
- FE25 max. flow 25m3/h @ 30 kPa differential pressure.
- FES max. flow 50m3/h @ 50 kPa differential pressure.
- Inlet 1/2" Outlet 1".

PF-FE25BP- (specify outlet pressure) # PF-FESBP- (specify outlet pressure)



Pietro Fiorentini FEX/FEXS Series

- Internal relief.
- Maximum inlet pressure 8.6 bar.
- Outlet pressure range 1.3 - 10 kPa.
- OPSO range 3.2 - 16 kPa.
- FEX max. flow 75m3/h @ 45 kPa differential pressure.
- FEXS max. flow 100m3/h @ 50 kPa differential pressure.
- Inlet 1" Outlet 1 1/2".

PF-FEXBP-(specify outlet pressure)

PF-FEXSBP-(specify outlet pressure)

ALL CONTROLS

OVER PRESSURE PROTECTION SYSTEMS

Pietro Fiorentini



Pietro Fiorentini Dival 500 Series

- 40mm BSP Dival500 LTR, OPSO Regulator with Partial Relief, 140kPa setpoint
- Outlet pressure: 30-250kPa.
- Balanced design, accuracy class up to 5 percent, Pmax 20bar

AMERICAN METER COMPANY

American Meter is now part of Honeywell



AMCO 1883 Series OPSO Regulators

- 20, 25, 32, 40 & 50mm BSP available.

Contact All Controls for technical information & sizing.

kromschroder



Kromschroder JSAV OPSO Device

- 4 bar inlet.
- Up to 55 kPa outlet trip pressure.
- 25 - 40mm screwed.
- 50, 65, & 80mm flanged.
- Manual reset.

*# KR06*****

ALL CONTROLS

PRESSURE RELIEF VALVES

NOTE: NZ5261:2022, Clause 2.5.2.2b states that:
"A gas filter that will prevent the passage of foreign particles greater than 1mm SHALL be located upstream and within 5m of the device that shuts off the gas supply"

See later in this section for gas filter information



Pietro Fiorentini VS/AM Series

- Diaphragm pressure relief.
- 65 – 100 mBar adjustment range.
- 20 Bar maximum inlet.
- 1" bsp.

 # PF-VSAM65BP-7KPA



Jeavons J48K Series

- Diaphragm pressure relief.
- 12 – 150 mBar adjustment range.
- 350 mBar maximum inlet.
- 1" bsp.

 # J0042

HIGH CAPACITY REGULATORS

ALL CONTROLS

Pietro Fiorentini



Pietro Fiorentini Dival 600 Regulator

High-Capacity industrial regulator.

- Modular Design.
- Slam shut or monitor applications.
- 20 bar maximum inlet pressure.
- Up to 420 kPa maximum outlet pressure.
- External impulse line.

Contact All Controls for further information.



Pietro Fiorentini Norval Regulator

High-Capacity industrial regulator.

- Modular Design.
- Slam shut or monitor applications.
- 16 bar maximum inlet pressure up to 3”.
- 8 bar maximum inlet pressure 4” to 8”.
- 440 kPa maximum outlet pressure.
- External impulse line.

Contact All Controls for further information

ALL CONTROLS

AIR/GAS RATIO CONTROLS



North American 7218 Series

- Inlet pressure up to 14 kPa
- Precise control of air / fuel ratio
- 3/4” - 4” npt available

 # N7218-0, 3/4”

 # N7218-1, 1”

 # N7218-2, 1.1/4”

 # N7218-3, 1.1/2

 # N7218-4, 2”

 # N7218-6, 3”

 # N7218-7, 4”



Kromschroder GIK Series

- Inlet pressure up to 20 kPa
- Maintains constant air / gas ratio
- 1/2” - 2” bsp available

*# KR08****

ALL CONTROLS

GAS FILTERS

Pietro Fiorentini



Pietro Fiorentini 106 series

- 1 MPa maximum pressure.
- High pressure test points.
- 50 micron filter element.
- 15mm to 100mm.

PF-FIL-10601, 1/2“ ”

PF-FIL-10602, 3/4“

PF-FIL-10603, 1”

PF-FIL-10605, 1.1/2”

PF-FIL-10606, 2”

PF-FIL-10606F, DN50 Flanged

PF-FIL-10607F, DN65 Flanged

PF-FIL-10608F, DN 80 Flanged

PF-FIL-10609F, DN100 Flanged

kromschroder



Kromschroder GFK series

- 200 & 400 kPa versions available.
- 1/2” – 2.1/2” bsp screwed available.
- 1.1/2 - 10” flanged available.
- Single test point.
- Filter & “O” rings available as spares.

#K R02.....specify size

Available on request, subject to availability.

LP GAS REGULATORS

FIRST STAGE REGULATORS

REGO Hwa Young Pietro Fiorentini



REGO 597FA Series

- 1,750 mJ/hr (35 kG/hr)
- 1/4” NPT inlet & outlet.
- 1 - 15 psi adjustable outlet range.
- Outlet gauge tapping.
- “T” bar adjustment.

 # RE597FA



HYRM Series 1ST Stage regulator

- 750 – 3,500mJ/hr. (15 - 70 kG/hr.).

 # HYRM-15-003, #HYRM-20-004,

 # HYRM-035-1J00, #HYRM-035-1A01

Other sizes available



DK Series 1ST Stage regulator

- 2,700 mJ/hr. (50 kG/hr.).
- POL Inlet x 3/4” NPT outlet.
- 5 - 10 psi adjustable outlet range.
- Integral relief.

 # DK-8622H PT3



Pietro Fiorentini HP100/B OPSO Regulator

- 5000 - 14,000 mJ/hr.
- 35 - 80kPa outlet pressure (MP).
- 80 - 150kPa outlet pressure (TR).
- Maximum inlet pressure 20 bar.
- Integral relief & OPSO.

 # PF-HP100MP # PF-HP100TR

ALL CONTROLS

SECOND STAGE REGULATORS



HYR Series 2nd Stage regulator

- 750 – 5,000mJ/hr. (15 - 50 kG/hr.).
- 3/4” NPT inlet x 3/4” NPT outlet.
- 2.8 kPa outlet pressure.
- Integral relief.

 # HYR-215 750mJ/hr.

 # HYR-220 1,000 mJ/hr.

 # HYR-235 1,750 mJ/hr.

 # HYR-250 2,500 mJ/hr.



DK Series 2nd Stage regulator

- 1,300mJ/hr. (25 kG/hr.).
- 3/4” NPT Inlet x 3/4” NPT outlet.
- 2.75kPa outlet..
- Integral relief.

 # DK-8622-TT9



REGO LV4403 B Series 2ND Stage Regulator

- 950 mJ/hr (19 kG/hr.).
- 1/2” NPT inlet x 1/2” NPT outlet.
- 2.75 kPa outlet pressure.
- Integral relief.

 # RELV4403B4



REGO LV5503 B Series 2ND Stage Regulator

- 1,600 mJ/hr (32 kG/hr.)
- 3/4” NPT Inlet x 3/4” NPT outlet.
- 2.75 kPa outlet pressure
- Integral relief

 # RELV5503B6

ALL CONTROLS

TWO STAGE REGULATORS



REGO LV404B Series

- 525 mJ/hr (10.5 kG/hr).
- 1/4” NPT inlet x 1/2” NPT outlet.
- 2.75 kPa outlet pressure.
- Integral relief.

 # RELV404B4



HYR Series Twin Stage regulator

- 350 – 1,750mJ/hr. (12 – 35 kG/hr)..
- NPT inlet x NPT outlet.
- 2.8 - 30 kPa outlet pressure available.
- Integral relief.

 # HYR-7 350 mJ/hr.

 # HYR-12 600 mJ/hr.

 # HYR-20 1,000 mJ/hr.

 # HYR-35 1,750 mJ/hr.

Other sizes available



Fisher R632 Series

- 700 mJ/hr (14 kG/hr.).
- 1/4” NPT inlet x 3/8” NPT outlet.
- 2.75 kPa outlet pressure.
- Integral relief.

 # FS-R632-BCF

ALL CONTROLS

FIRST STAGE AUTO CHANGEOVER REGULATORS



HAX Series

- 600 - 1750 mJ/hr (12 - 35 kG/hr).
- 2 x 1/2" Inlet x 1/2" FNPT Outlet.

 # HAX-.15 750 mJ/hr.

 # HAX-20 1,000 mJ/hr.

 # HAX-35 1,750 mJ/hr.

ADD: 2 x 330821-1000KIT (S/S pigtails).

ADD: 2 x BF32240804 1/2” x 1/4” (Reducing bushes).

TWO STAGE AUTO CHANGEOVER REGULATORS



Cavagna 528B Series

- 400 mJ/hr. (8 kG/HR) & 600mJ/hr. (10 kG/hr).
- 2 x 1/4” inverted flare inlet x 1/2” BSP outlet.
- 2.75 kPa outlet pressure.
- Complete with pigtails, weather cover, bracket, chain and clips.

 # BM6060553 400 mJ/hr.

 # BM-6060554 600 mJ/hr.



HAC Series

- 600 - 1750 mJ/hr (12 - 35kG/hr.).
- 2.5 - 3.3kPa adjustable outlet pressure.
- Internal relief set at 7.0 kPa.
- 1” BSPF outlet.
- Includes 2 x S/S pigtails & 2 x 1/2” x 1/4” brass bushes.

 # HAC-.....KIT (specify range)

ALL CONTROLS

LPG HOSES & PIGTAILS



Flexible Pigtails

• Stainless steel.

• Fully braided.

• Handwheel.

• POL x 1/4” Inv. Flare x 600mm

330821-0600-KIT

• POL x 1/4” Inv. Flare x 1000mm.

 # 330821-1000-kit



Flexible Pigtails

• Stainless steel.

• Fully braided.

• Handwheel (Not shown).

• POL x POL x 900mm.

 # GAL-HO-1654

REGULATOR & HOSE ASSEMBLY



Regulator & Hose assembly

• POL x 3/8” swivel x 1000mm.

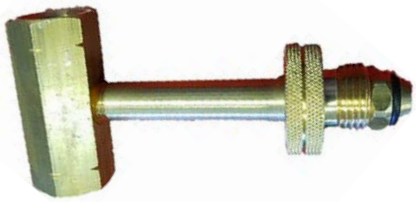
• 3 kG/hr..

• Handwheel.

 # GAL-RG3308K

ALL CONTROLS

LPG MANIFOLDS



Brass Tee Manifold

- Female POL x Female POL x Male POL.
- Extended “Tee”.
- With handwheel.
- Use in place of manifold.

 # GAL-AKTY-211K



Manifold Extension

- One outlet 45kG.
- Female POL x Male POL X 400mm.
- Mounting bracket.

GAM-2408-1A

Also available for 100 & 220 kG cylinders.

MANIFOLD KITS



4 Bottle Manifold





4 x BV375-7/16 (1/4” BSPM x 7/16” Inv. FlareF Ball Valve).

4 x 330821-1000-KIT (POL x 1/4” Flare Pigtail 1000mm).

2 x K3000-2 (Manifold Extension).

2 x POL x 1/4” BSPF Manifold End. (Not shown).



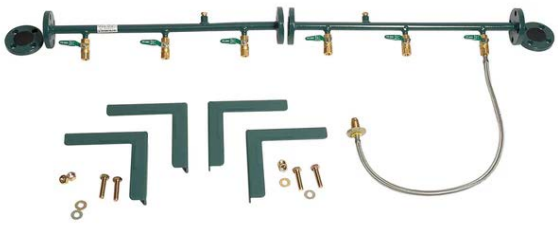


K3000-VMSSKIT

ALL CONTROLS

LPG MANIFOLDS

MANIFOLD KITS



Vapour Manifolds complete with

- 3 x 3, 4 x 4 & 5 x 5 Bottles per side available.

Includes:

- SS Pigtail hoses & ball valves.
- Wall brackets & hardware.

-# AQU-PHW-6FB-V (Manifold 3 x 3 c/w pigtails)

AQU-PHW-8FB-V (Manifold 4 x 4 c/w pigtails).

AQU-PHW-10FB-V (Manifold 5 x 5 c/w pigtails)

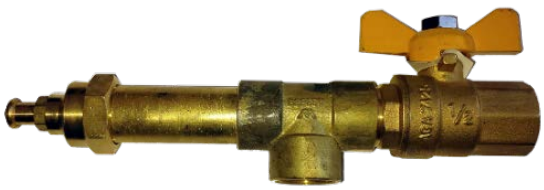


Manufactured based on requirements:

(Suitable for 45kg to 210kg bottles).

- 20mm schedule 80 line pipe.
- Manifold design pressure 17.5Bar.
- Manifold test pressure 20Bar.
- Design standards : AS/NZS 1596 & 5601:1.

Contact ALC for more information & pricing



Regulator Drain Kit

- Suitable for all LPG regulator applications.

 # BM6060920

ALL CONTROLS

GAS CONNECTORS & ACCESSORIES



Appliance Gas Connectors

- PVC coated for food industry service.
- 3/4" & 1” diameter available.
- Male / female end fittings.

 # 432018-1200, 3 /4” x 1200

 # 432526-1200, 1” x 1200

Dormont



Dormont Appliance “Blue” Connectors

- Heavy duty corrugated 304 stainless steel.
- Tight weave outer braid prevents overstretching.
- PVC coated for food industry service.
- 3/4 & 1” diameter available.
- 1200mm long.
- Male / female end fittings.

 # DR036248, 3/4” x 1200mm

 # DR036348, 1” x 1200mm



Quick Disconnect Device

- Quick disconnect gas coupling.
- One hand action.
- Quick connect is self sealing.
- rated up to 140 kPa pressure.

 # QDC20, 3/4”

 # QDC25, 1”

ALL CONTROLS

GAS CONNECTORS & ACCESSORIES



SS Gas Connectors

- Ideal for final connection in lieu of solid pipe.
- 1/2”, 3/4” & 1" diameter available.
- Various lengths available.
- Male / female end fittings.
- Intended for permanent installation.

KFC15-**, 1/2” x 300mm – 1200mm

KFC20-**, 3/4” x 300mm – 1200mm

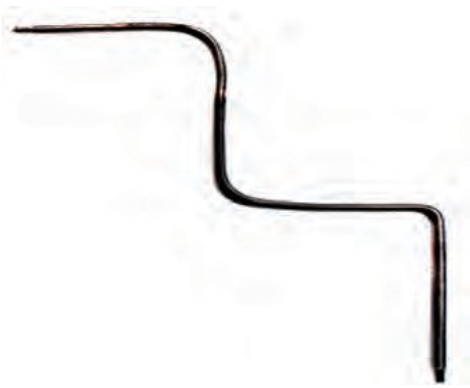
KFC25-**, 1” x 600mm 900mm



Appliance Restraint Kit

- As required by the Building code.
- 300mm shorter than corresponding hose length.
- Prevents stress on connector when appliance pulled out.
- Complete fitting kit.

 # HRK-750, 1200mm Restraint Kit



Stainless Steel Flextubes

- Ideal for pilot tubes in lieu of copper pipe.
- 25mm smooth neck for nut and olive.
- Bends easily around sharp corners.
- 1/4”, 3/8” and 1/2” diameters available.
- Various lengths..

*# KFT4-**, 1/4” x 300mm – 600mm*

*# KFT6-**, 3/8” x 150mm – 1200mm*

*# KFT8-**, 1/2” x 300mm – 900mm*

ALL CONTROLS

Pilots & Ignition

COMMERCIAL GAS PILOTS — Page: 35 - 36
CATOBA, POLIDIRO, ROBERTSHAW, WHITE-RODGERS.

INDUSTRIAL GAS PILOTS — Page: 37 - 38
BRAHMA, FIVES NORTH AMERICAN, KROMSCHRODER.

PILOT MIXERS — Page: 39
ECLIPSE, FIVES NORTH AMERICAN.

IGNITION ELECTRODES & SENSORS — Page: 40 - 41
BRAHMA, CAST, CATOBA, FIVES NORTH AMERICAN, POLIDORO, PSE, ROBERTSHAW, SIT, WHITE-RODGERS.

IGNITION LEADS — Page: 42
WIRE & CABLE, PSE, ROBERTSHAW.

PIEZOS — Page: 42
CATOBA, CONCENTRIC, JADE

THERMOCOUPLES — Page: 43 - 44
ROBERTSHAW, UNIVERSAL, INTERUPTER.

THERMOPILES — Page: 44
JADE, ROBERTSHAW, WHITE-RODGERS.

IGNITION TRANSFORMERS — Page: 45 - 46
BRAHMA, KROMSCHRODER.


AC

ALL CONTROLS

COMMERCIAL PILOT BURNERS & SPARES



Catoba Multi Flame Pattern Pilot

- 2 or 3-way flame pattern
- Flame adjustment
- Accepts standard thermocouple and electrode
- Available in Natural Gas or LPG

 # CB1334 – 3-way Natural Gas

 # CB1335 – 3-way LPG



Ignition Electrode to suit Catoba 3-way Pilots.

 # SI0915036



Flame Rod (Dog Leg) To
suit Catoba 3-way Pilots.

 # SI0915044



Tube Burner Jet, undrilled.

P50AG



Nut to Suit P50AG JET.

P50AG-NUT

ALL CONTROLS

ROBERTSHAW PILOTS



 # RS2CH6062

Natural Gas

 # RS2CH6185

LPG

 # RS5CHL7604

Natural Gas

 # RS5CHI768

LPG





 # RS5CHR7612

Natural Gas

 # RS5CHR7698

LPG

 # RS6CH24-1

Natural Gas

& LPG Kit





Pilot Spuds

Natural Gas

 # RS76377 0.0011”

 # RS76360 0.0016”

RS76361 0.0018” LPG

 # RS76370 0.0010”

INDUSTRIAL PILOT BURNERS

ALL CONTROLS



Brahma BP/2 Pilot

- #B83452 - Ignition electrode
- #B83450 - Ionisation probe

Brahma BP/2 Pilot

- Light industrial or commercial use.
- Vertical flame, atmospheric.
- Option of flame length 40-100mm.
- Fitted with electrode and flame sensor as standard.
- Available in Natural Gas or LPG.

B3270 - Natural Gas

B3450 - LPG



Kromschroder ZAI

- Light industrial or commercial use.
- Vertical flame, atmospheric.
- Option of flame length 40 - 100mm.
- Fitted with electrode and flame sensor as standard.
- Available in Natural Gas or LPG.
- 3 kW capacity.

 # KR3404



Kromschroder Z T 13M - I

Natural Gas & LPG

- Use with KR01803, S11T FFD

 # KR34075

INDUSTRIAL PILOT BURNERS

ALL CONTROLS



Kromschroder ZKIH

- Up to 7 kW capacity.
- For electronic ignition, ionization supervision.
- Available in Natural Gas or LPG.
- Lengths of 200-500mm available.
- Forced air supply.

*# KR34*** Specify length

❖ **INDENT ONLY**



Namco Pilot Assembly.

- Suitable for furnace type burners.
- Pilot Tip C/W Spark Plug.

 # N4021-12

See page 3.1 for spark plug only



NAMCO Pilot Mixer

3/4""

 # N4031

ALL CONTROLS

IGNITION ELECTRODES & SENSORS



- Teardrop Bracket.
- 50mm Porcelain.
- 140mm Flame-Rod.

 # B83450



Universal Electrode c/w Earth Rod

- 36mm Long.
- Mounting bracket.
- 350mm Long lead with spade connector..

 # Z8038



Namco Direct Spark

- 1/2" BSP.
- 75mm Electrode.
- Earth Electrode.

 # NR240-3203



UY6 Spark Plug

- For Namco 4021-12 Pilot Tip.

 # UY6

ALL CONTROLS

IGNITION ELECTRODES & SENSORS



Universal Electrode

- 45mm porcelain body.
- 100mm flame rod.
- *Fits Catoba 3 way pilot & bracket.*

 # Z8020



Flame Rod / Ignitor

- 300mm x 6mm.
- Optional clip and rubber boot.
- 1/4” BSP.

Z8000



Z8001B



Z8000CL



HT Connectors

#ELC15084



- Angled ignition electrode for Catoba 3-way pilot.

#ST0915036



- Dog leg flame rod for Catoba 3-way pilot.

#SI0915044



- Straight ignition electrode for SIT pilot.

#SI0915024

ALL CONTROLS

IGNITION ELECTRODES & SENSORS



PSE Electrode

- Combination electrode / Sensor.
- Earth rod with bracket.
- 100mm reach.

 # PS0070



PSE Flame Sensor

- Diamond bracket.
- 40mm porcelain.
- 75mm flame rod.
- 1m Lead with spade connector.

 # PS0042



- M14 thread.
- 40mm electrode.
- Earth electrode.

 # ELC14502



Brahma BP/2 Pilot

B83450 - Ionisation probe



Brahma BP/2 Pilot

B83452 - Ignition electrode

ALL CONTROLS

IGNITION LEADS



ROBERTSHAW Spark Plug & Lead

- 550mm Long lead.

 # RS14060920



- Various lengths
- 1 x Female connector for piezo.
- 1 x Female connector for ignition electrode.

 # HT650 - 650mm

 # HT1000 - 1000mm

 # HT1500 - 1500mm



H.T Cable

- 7mm silicon HT cable.
- Wire conductor.
- 150°C rated.
- By the metre.

 # RS.75HV7BL

PIEZOS



- *Standard duty.*

#CC03500

ALL CONTROLS

THERMOCOUPLES



Universal Kits

- Available in lengths 600 - 1800
- Fits all pilot burners.
- Unique conical locking nuts.
- Complete set of split nuts supplied.
- Easy installation.

 # CC40600 – 600mm

 # CC40900 – 900mm

 # CC41200 – 1200mm

 # CC41500 – 1500mm

CC41800 – 1800mm



Robertshaw 1970 Series

Universal Thermocouples

 # RS1970-018 – 18”

 # RS1970-024 – 24”

 # RS1970-036 – 36”

 # RS1970-048 – 48”



Robertshaw 1980 Series

Snap Fit Thermocouples

 # RS1980-018 – 18”

 # RS1980-024 – 24”

 # RS1980-036 – 36”

 # RS1980-048 – 48”

 # RS1980-072 – 72”

ALL CONTROLS

THERMOCOUPLES



Interruptor Thermocouple

- Use with overtemp switch or safety device.
- 600mm.

 # ST0270436

THERMOPILES



White-Rodgers

- Thermopile / pilot generator.
- 750 millivolt operation.
- 600mm and 900mm lengths.
- Long life.
- Fibreglass cable lead with split spade terminal.

 # JD01202 – 600mm

 # JD01204 – 900mm



Robertshaw

- Thermopile / pilot generator.
- 750 millivolt operation.
- 900mm length.
- Long life.
- Coaxial.

 # RS1951-536

ALL CONTROLS

IGNITION TRANSFORMERS



Brahma T13M

- 100% rating.
- Wire wound.
- 240 volt AC.
- 1 X 8Kv output.
- Side entry.

 # B0118



Brahma T17M

- 100% rating.
- Wire wound.
- 240 volt AC.
- 2 x 5Kv output.
- Side Entry.

 # B0140



Brahma T11M

- 33% rating.
- Wire wound.
- 240 & 110 volt AC available.
- 1 x 9Kv output.
- Side entry.

B0115 230VAC

 # B0215 110VAC



Brahma TSC1

- 100% rating.
- Electronic.
- 240 volt AC.
- 1 x 15Kv output.
- Top entry.
- Push on spade terminals.

 # B0504

ALL CONTROLS

IGNITION TRANSFORMERS



Brahma TC1

- 100% rating.
- Electronic.
- 240 volt AC.
- 1 x 15Kv output.
- Side entry.

 # B0530



Brahma TC2

- 100% rating.
- Electronic.
- 240 volt AC.
- 2 x 10Kv output.
- Side entry.

 # B0560



Kromschroder TZ17

- 100% rating.
- Wire wound.
- 240 volt AC.
- 1 X 7.5Kv output.
- Side entry.

 # KR38011

Measuring Equipment

DIGITAL MANOMETERS Page: 47 - 48
DIGITRON, TESTO.

WATER TUBE MANOMETER Page: 48
ALC.

PRESSURE TEST BLADDERS Page: 49
ALC.

PRESSURE GAUGES Page: 49
PRECISION, TELTHERM.

PRESSURE TEST POINTS Page: 49

PETES PLUGS Page: 50

GAUGE ADAPTERS. Page: 50
ALC, BRAHMA.

GAS FLOW METERS Page: 50 - 54
ELSTER, LANDIS+GYR,
PIETRO FIORENTINI.

ACCESSORIES Page: 54
METER TEST PLUGS,
METER COVERS & BRACKETS,


AC

DIGITAL MANOMETERS

ALL CONTROLS

Digitron



Digitron 2021P

- 0 - 13 kPa Digital Manometer
- Differential input - 8mm hosetails.
- Water resistant (IP67 rated).
- Selectable units: kPa, mBar, PSI, “WG, etc.
- Protective rubber boot c/w tilt stand & magnet.
- 1m silicon tube.

 # DG-2021P



Digitron 2022P

- 0 - 200kPa.
- Differential input - high pressure connectors.
- Water resistant (IP67 rated).
- Selectable units: kPa, mBar, PSI, “WG, etc.
- Protective rubber boot c/w tilt stand.

 # DG-2022P

*Other pressure ranges available on request.

INCLUDES:

- **ATZPB8X1.6 (Gauge adaptor),**
- **DG-20ADAPTOR (Tube adaptor),**
- **DG-20TUBE (1m x 6mm Tube).**

ALL CONTROLS

DIGITAL MANOMETERS

Be sure. testo



TESTO 510-2 Digital Differential Manometer

- 0-100 hPa. (1.0 kPa)
- Differential input – push on connectors.
- Selectable units: kPa, mBar, PSI, “WG, etc
- Includes hoses.
- Complete with carry case.

 # TES0563-0510



TESTO 512-2 Pressure Differential Measuring

2 Bar Digital Manometer

- 0-2000 hPa. (200 kPa)
- Differential input - high pressure connectors.
- Selectable units: kPa, mBar, PSI, “WG, etc.

 # TES0563-2512

U TUBE MANOMETERS



8 kPa U-Tube Manometer

Complete With:

- Hanging chain.
- Plastic tubing 0.8m.
- Protective front cover.
- Bottle of coloured liquid.

 # MANO8

ALL CONTROLS

PRESSURE TEST BLADDER



Pressure Test Bladder Kit

Complete With:

- Hand pump
- 3-way tee
- Plastic tubing

TBK

PRESSURE GAUGES



- 63mm Dial.
- Stainless Steel Case.
- Brass Movement.
- 1/4 BSP Bottom Entry.

ROS20006: 0 – 60mBar

ROS20008: 0 – 100mBar

ROS20016: 0 – 600mBar

Other sizes and ranges available on request

PRESSURE TEST POINTS



Brass Test Point

- Screwed needle seal.
- Orifice: 0.7mm to meet AGA standards
- 1/8” and 1/4” BSP sizes available

G0990CH - 1/8” BSP

G0991 - 1/4” BSP

ALL CONTROLS

PRESSURE TEST NIPPLES



Test Nipples

Ideal for testing regulator outlet pressure.

- 1/2 available.
- Male / female.
- Complete with test point.

 # Z0997 - 1/2" BSP



Pete's Plug

- Pete's Plugs self sealing test points.
- Brass bodied.
- 1/4" BSP

 # PTB.GY (GAS, YELLOW TAG)

 # AW-TP06 (WATER, RED TAG)



Pete's Plug Gauge Adaptor

ATZPB8X1.6

PIETRO FIORENTINI GAS METERS

Pietro Fiorentini



Pietro Fiorentini Turbine Gas Meters

- G65 gas meter.
- 10 - 100 m3/h Capacity.
- Pulse output.
- Natural Gas or LPG.
- 100 kPa maximum pressure.

 # PFTMG65DN50 (Other sizes on request)

PIETRO FIORENTINI GAS METERS

ALL CONTROLS

Pietro Fiorentini



Pietro Fiorentini Rotary Gas Meters

- RMG gas meter.
- 0.5 - 1000 m3/h Capacity.
- Pulse output.
- Natural Gas or LPG.
- 2.5 MPa maximum pressure.

 # PFRMG100DN80 (Other sizes on request)



Pietro Fiorentini Diaphragm Gas Meters

- G4 gas meter.
- 6 m3/h Capacity.
- C/W pulse output.
- CE approval 2004/22/CE.
- Natural Gas or LPG.
- 50 kPa maximum pressure.

 # PF-RS2001LA-G4P

PF-20MM-BRACKET



Pietro Fiorentini

- G6 gas meter.
- 10 m3/h Capacity.
- C/W pulse output.
- Natural Gas or LPG.
- 50 kPa maximum pressure.

 # PF-RS2.4-G6P

#PF-25MM-BRACKET

PIETRO FIORENTINI GAS METERS

ALL CONTROLS

Pietro Fiorentini



Pietro Fiorentini

- G10 gas meter.
- 16 m3/h Capacity.
- C/W pulse output.
- Natural Gas or LPG.
- 50 kPa maximum pressure.

 # PF-MM10P #PF-25MM-BRACKET



Pietro Fiorentini

- G16 gas meter.
- 25 m3/h Capacity.
- C/W pulse output.
- Natural Gas or LPG.
- 50 kPa maximum pressure.

 # PF-MM16P, # PF-40MM-BRACKET



Pietro Fiorentini

- Gas meter Brackets.
- Brackets c/w nuts, tails & gaskets

ALL CONTROLS

LANDIS+GYR GAS METERS

Landis+Gyr



Landis+Gyr Model 750 Meter

- Aluminium case
- Low frequency pulse output available. (Can be retrofitted)
- Maximum pressure 50 kPa
- Capacity 7.5m³/h or 10.0m³/h
- Suitable for LPG or Natural Gas

 # KR6602 7.5m³/h

KR6602-610 10.0m³/h



Landis+Gyr AL425 Meter

- Aluminium case
- Low frequency pulse output available (Can be retrofitted).
- Maximum pressure 70 kPa
- Capacity 12m³/h.
- C/W Tail set.

 # KR6603



Brackets and Connection Sets

Wall Bracket c/w 20mm tails

#KR6602BAR - 20mm

 # Pulse Generator

 # KR6602P

ALL CONTROLS

ELSTER GAS METERS





Elster Turbine Meters QA & QAe series

- 25mm - 150mm Screwed & Flanged connection.
- BMS & Modbus connectivity.
- IP 54 rated, may require some weather protection.

ELSTER GAS METERS SUBJECT TO AVAILABILITY



Domestic Meter Test Plug

- Suitable for Landis+Gyr 750 gas meter.

 # COM-2705A





Meter Cover & Wall Bracket

- To suit 750 & AL 425 Meter
- Powder Coated Steel (White).
- Galvanised wall bracket.

 # KR6602COVER

ALL CONTROLS

Test Equipment

COMBUSTION ANALYSERS Page: 55
TESTO

GAS DETECTORS – PORTABLE Page: 56
ARCTIC HAYES, TESTO.

GAS FITTERS TEST KIT Page: 57
ALC

GAS DETECTORS – FIXED Page: 58 - 59
OCEANIA GAS SAFETY (OGS),
SLEEPSAFE.

EMERGENCY STOP BUTTONS & LABELS Page: 60
ALC, OCEANIA GAS SAFETY (OGS).

LEAK SPRAYS , SMOKE PELLETS,
SMOKE MATCHES Page: 61
ARCTIC HAYES, SMRV, VIPER BIG BLUE.


AC

ALL CONTROLS

COMBUSTION ANALYSERS

testo Be sure.



TESTO 300 –

- Measured values: Oxygen, Flue Gas Temperature and CO (0 - 4000ppm).
- Calculated values: Combustion Efficiency and Carbon Dioxide content.
- Wi-Fi connectivity.
- Bluetooth connectivity.
- Rechargeable battery, USB mains unit.
- IR Printer (optional).
- Two-year warranty.

 # TES0564-3002 70



TESTO 310

- Measured values: Oxygen, Flue Gas Temperature and CO (0-2000ppm).
- Calculated values: Combustion efficiency and Carbon Dioxide content.
- Hi contrast LCD display.
- Powered by four “AA” batteries.
- IR Printer Included in kit.

 # TES0563-3110

ALL CONTROLS

PORTABLE GAS DETECTORS



Arctic Hayes Combustible Gas Detector

- Acoustic and visual alarm via multi colour LED.
- 15.5” Flexible probe for difficult access locations.
- Sensor self test and automatic zeroing.
- Complete with portable carry case.
- Battery powered.

 # AH-A998721



TESTO 316 Gas Detector

- Acoustic and visual alarm via multi-colour LED on the sensor head.
- Display of ppm / vol% / %LEL on the instrument.
- Flexible probe for difficult access locations.
- Battery powered.

 # TES0632-3172



TESTO Handheld Carbon Monoxide Detector

- 0 - 2000 ppm measuring range.
- Resolution 1 ppm.
- Adjustable alarm thresholds.
- Audible & optical alarm.

TES0632-3173

ALL CONTROLS

GAS FITTERS TEST KIT



Gas Fitters Test Kit

- Digitron PM80 Manometer. (#DG-PM80)
- Arctic Hayes Gas Leak Detector (AH-A998721)
- Testo CO detector. (#TES0632-3173)
- Metre Silicon Hose. (#48D)
- Hard Protective Case. (#SCA-326045)
- Items sold individually.
- Items may vary depending on availability.

 # DG-TEST-KIT

ALL CONTROLS

FIXED GAS DETECTORS

ARCTIC HAYES
Tools & Consumables



Carbon Monoxide Alarm

- Sealed for life Battery.
- Portable, free standing or mountable.
- 7 year sensor & battery life.
- 85 Decibel Alarm
- 3 Colour visual display
- Ideal for Homes / Boats / Caravans

 # AH-COA-7



Carbon Monoxide & Smoke Alarm Alarm

- Sealed for life Battery.
- 10 year sensor & battery life.
- 85 Decibel Alarm
- 3 Colour visual display
- Ideal for Homes / Boats / Caravans

 # AH-COS-10

ALL CONTROLS

FIXED GAS DETECTORS

OCEANIA GAS SAFETY



OGS CO2 X Monitor

- CO^2 measured & displayed in PPM.
- Temperature displayed in ^{O}C or ^{O}F.
- Monitor, record & display average concentration over 8 hr. periods.
- Pre alarm & alarm relay output.

 # OGS-CO2-X



OGS Mini Merlin Gas Detectors

- Dual sensors in one controller, NG/CO or LPG/CO.
- Requires 240vac supply.
- Audible & Visual alarm.
- BMS & Fire alarm interface.
- Gas level indication.
- Gas shut off when suitable gas safety valve fitted.

 # OGS-MMCH4CO (NG/CO)

OGS-MMLPGCO (LPG/CO)

ALL CONTROLS

EMERGENCY STOP BUTTONS



Emergency Stop Button

- Mimics sound of breaking glass.
- Warning indicator.
- Simple key reset.

 # L0020RACL



Manual Reset Module

- Provides manual reset control for emergency shut off valves.
- Simple mounting.
- Compact design.
- Illuminated push button.

 # L0020RACL



Emergency Stop Switch Twist Reset

- Simple mounting.
- Compact design.
- C/W “Emergency Stop” Label.

 # OGS-E-SHUT OFF



Keyed Emergency Stop Switch

- Lockable.
- Simple mounting.
- Compact design.
- C/W “Emergency Stop” Label.

 # ESBK1



Gas Emergency Stop Label

- Engraved Lettering
- Large Size 200 x125 mm
- Self Adhesive

 # L0201L-TRAF, Gas Emergency Stop.

 # L0201L-TRAF1, Gas Emergency Isolation.

ALL CONTROLS

LEAK DETECTION



Smoke Matches

- 20 second burn time.
- Packs of 12 matches.
- 0.75 $m^3$of dense smoke.
- Clean to use, no residue.
- Cool to touch after burning.
- White Smoke.

 # AH-PH009B



Smoke Pellets

- Tube of 6.
- 40 Second burn time.
- 18 Cubic Metres of Non-Toxic Smoke.

 # 33.3003



Gas Leak Detector Spray

- Practical & economical.
- Suitable for all gasses.
- Non toxic.
- Complies with environmental standards.

 # SMRVS100401



Big Blu Micro Leak Detector Spray

- 1 Litre Spray Pack
- Practical & economical.
- Suitable for all gasses including Hospital Grade Oxygen.
- Non toxic.
- Food Industry Compliant.

 # RT100S 1 LITRE

 # RT100G 3.78 LITRE


AC

Oceania Gas Safety

GAS SAFETY PROVING SYSTEMS Page: 62
MERLIN 1000V SERIES.

GAS SAFETY PROTECTION SYSTEMS Page: 63 - 64
MERLIN CT SERIES.

CAR PARK GAS DETECTION Page: 64
OGS PARKSAFE.

OGS INFORMATION CHECK SHEET Page: 65

OGS WATER LEAK DETECTION Page: 66

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Mopeka

RESIDENTIAL PRESSURISED Page: 68 - 69
TANK LEVEL SENSORS
PRO CHECK UNIVERSAL

BULK COMMERCIALPRESSURISED Page: 70
TANK LEVEL SENSORS PRO-PLUS.

NON-PRESSURISED Page: 70
TANK LEVEL SENSORS
TD 40, PRO200.

UNDERGROUND TANK SENSORS Page: 70
PRO-PLUS.

MOPEKA ACCESSORIES Page: 71


AC

ALL CONTROLS

GAS PRESSURE PROVING SYSTEMS

OCEANIA GAS SAFETY



OGS Merlin 1000V

- Gas pressure proving system.
- Integral emergency stop button.
- Adjustable shut off timer.
- BMS & Fire alarm interface.
- Gas detector connections.
- Ventilation interlock.

 # OGS-1000V-ST-GPS



OGS Merlin 1000V+

- Gas pressure proving system.
- Integral emergency stop button.
- Adjustable shut off timer.
- BMS & Fire alarm interface.
- Gas detector connections.
- Ventilation interlock.
- Electrical isolation.

 # OGS-1000V PLUS-GP



OGS Merlin CT 2000S

- Gas pressure proving system.
- Integral emergency stop button.
- BMS & Fire alarm interface.
- Connections for two gas detectors & CO_2 alarm.

 # OGS-CT2000S

OGS Gold Seal Gas Safety Valve & OGS Air Pressure Switch also available.

ALL ABOVE COMPLETE WITH PRESSURE TRANSDUCER

ALL CONTROLS

GAS SAFETY PROTECTION SYSTEMS

OCEANIA GAS SAFETY



OGS Merlin GDP2 Gas Detection System

- Six Detectors, Two Zone.
- Integral emergency stop button.
- BMS & Fire alarm interface.
- OGS Gas Safety Valve available

 # OGS-GDP2



OGS Merlin 1200S Kitchen Interlock System

- Gas ventilation interlock.
- Integral emergency stop button.
- BMS & Fire alarm interface.
- Monitor up to 2 fans.
- OGS Air pressure switch available.

 # OGS-CT1200S



OGS Merlin GDP4 Gas Detection System

- Twelve Detectors, Four Zone.
- Integral emergency stop button.
- BMS & Fire alarm interface.
- OGS Gas Safety Valve available

 # OGS-GDP4

ALL CONTROLS

GAS SAFETY PROTECTION SYSTEMS

OCEANIA GAS SAFETY



Merlin OGS Gas Detector i NG, LPG & CO.

- Built in audible alarm.
- Traffic light indication.
- Works with Merlin gas panels or stand alone BMS systems via 0-10VDC output..
- Sensor end of life reminder.
- Three alarm relay outputs.

OGS-I-CH4 (Natural Gas)

OGS-I-LPG (LPG)

OGS-I-CO (Carbon Monoxide)

CAR PARK GAS DETECTION



OGS Parksafe



CO/NO2 Detector

OGS Parksafe

- 0-10VDC output to variable speed drives dependent on CO & NO2 levels.
- Up to 16 detectors CO/NO2 in series.
- BMS & MODBUS connectivity.
- Quick and easy set up via digital touch screen.

OGS-PARKSAFE

ALL CONTROLS

FIND THE PANEL YOU NEED IN AN INSTANT

COMMERCIAL KITCHENS	Gas ventilation Interlocking System	Fire Alarm Interface	Monitor Up To 2 Fans	Built In Current Monitors	LCD Current Monitor	Monitor Up To 4 Fans	External Gas Detector	Gas Pressure Proving System	CO / CO2 Boost	BMS Interface	
Merlin 1200S	■	■	■							■	
Merlin CT1250	■	■	■	■						■	
Merlin CT1650+	■	■	■	■	■					■	
Merlin CT1750	■	■	■				■	■	■	■	
Merlin CT1500S	■	■	■			■	■			■	
Merlin CT2000S	■	■	■			■	■	■		■	
SCIENCE LABRATORY	**Gas Pressure Proving System**	**Fire Alarm Interface**	**Adjustable Shut Off Timer**	**Electric Control / Isolation**	**Water Valve Control / Isolation**	**Ventilation Interlock**	**External CO2 / Gas Detector**				
Merlin 1000V	■	■	■			■	■				
Merlin 1000V+	■	■	■	■		■	■				
Merlin 1000SW+	■	■	■	■	■	■	■				
BOILER HOUSE	**Gas Pressure Proving System**	**Fire Alarm Interface**	**Remote monitoring LAN connection**	**Integral Emergency Stop**	**In built fire alarm bypass mode**	**BMS outputs**	**MODBUS Outputs**	**Connection for sounder /strobe**	**Can be used with gas detectors**	**Connections for heat detectors/ thermal links**	**Multi Zone Detection**
Merlin 300S		■		■							
Merlin 1000BH	■	■		■		■		■	2 Detectors	■	
Merlin GDP2		■		■		■		■	6 Detectors	■	2 ZONE
Merlin GDP4		■	■	■	■	■	■	■	12 Detectors	■	4 ZONE



OCEANIA GAS SAFETY

ALL CONTROLS

OGS WATER LEAK DETECTION

OCEANIA GAS SAFETY



Water Leak Monitor

- Controller Status LED Indication.
- Water ON.
- Fault.
- Alarm.
- Mute Alarm Push Button.
- Reset Alarm Push Button.

OGS-WLD Control Panel



Puck / Probe Sensor

 # OGS-WLDC-Puck/Probe



4 Core Sensing Cable

- Pluggable cable.
- Fault detection.
- *1, 2, 5, 10, 20, 50 & 100 meter lengths available.*



OGS Water Valves

- 1/2” – 2” Available
- 230Vac.
- 24Vac & 24Vdc available

 # OGS-GSW-1/2” # OGS-GSW-3/4”

 # OGS-GSW-1” # OGS-GSW-1.1/4” # OGS-GSW-1.1/2” # OGS-GSW-2”



4G dial out unit. Can send a SMS when in alarm.

ALL CONTROLS

ACCESSORIES

OGS
OCEANIA GAS SAFETY



OGS Gas Pressure Transducer

- 0 – 100 mBar.
- 1/4”’ BSP connection.
- IP65 protection.

 # OGS-PT



OGS Air Pd Switch

- Differential pressure switch for air controls.
- Alarm activation at pre-set value.

 # OGS-APS



OGS Alarm Beacon

- Can be integrated with a wide range of fire alarm, gas detection and emergency stop devices.
- 32 selectable sounds and volume control.
- 8 flash patterns.
- IP54 protection.

 # OGS-ALARM



Power Link Thermal Fuse

- Thermally operated.
- 70°C fusing temperature.
- Non resetting fuse.
- Vented metal housing.
- SPST contacts.

 # OGS-EP-TL2

ALL CONTROLS

TANK LEVEL SENSORS

MOPEKA
accuracy above everything

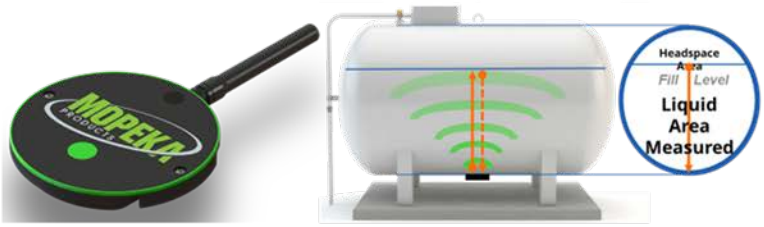
PRESSURISED & NON-PRESSURISED





Mopeka Pro Check Universal

- Ideal for tank sizes up to 550kg.
- Easy attachment to underside with built in magnets.
- Can be used for LPG, Diesel, Oil, Water etc.



Mopeka Pro Plus

- Ideal for bulk LPG tanks..
- Easy attachment to underside with built in magnets.
- Selectable units





Mopeka TD 40 Level Sensor

- Suitable for non pressurized liquids.
- Depths to 4.8 Metres
- Can be used for Oil, Milk, Beer, Wine Water & other liquids.
- Ideal for transport solutions





Accurately measures:

- Measures payload during loading & unloading.
- Flowrate whilst loading & unloading of payloads.
- Target litres based on truck capacity.
- Percentage of target .

Bluetooth

Wi Fi

Lte

ALL CONTROLS

PRESSURISED TANK LEVEL SENSORS



Mopeka Pro Check Universal

- Ideal for tank sizes up to 500kg.
- Easy attachment to underside with magnets built in.
- Extended battery life.
- Download free “Tank Check” app on Google Play or Apple stores.
- Can be used for Diesel, oil, water & other liquids.

#MP1017023

NON-PRESSURISED TANK LEVEL SENSORS



Mopeka TD 40 LEVEL SENSOR

- Suitable for non pressurized liquids.
- Easy attachment to tank top with 2” NPTM fitting.
- Extended battery life.
- Depths up to 7.5 m.
- Various default communications available.
- Can be used for Diesel, oil, water & other liquids.

#MP2012003

ALL CONTROLS

NON-PRESSURISED TANK LEVEL SENSORS



Mopeka PRO200 LEVEL SENSOR

- Suitable for non pressurized liquids.
- Easy attachment to tank top with 2” NPTM fitting.
- Hard wired.
- Depths up to 7.5 m.
- Various default communications available.
- Can be used for Diesel, oil, water & other liquids.

 # MP2012007 (Bluetooth Long Range)

UNDERGROUND TANK SENSORS



Mopeka V Check

- Suitable for non pressurized liquids.
- Easy attachment to tank top with 2” NPTM fitting.
- Hard wired.
- Depths up to 7.5 m.
- Various default communications available.
- Can be used for Diesel, oil, water & other liquids.

 # MP…….. Contact All Controls for further information

ALL CONTROLS

ACCESSORIES



Mopeka Check Wireless LED Display

- Programmable for 9 kG – 45 kG cylinders.
- Monitors the level in two separate cylinders.

 # MP1001207



Mopeka Pro Check Universal Collar Set

- Where additional clearance is required

 # MP2002012



Mopeka 2.4 ghz Wi-Fi Bridge (Indoor)

- Connects Mopeka Check Sensor to the Cloud.
- Continuously updates tank level to the cloud.
- Powered by USB Cable & Power Cube (Included).

 # MP2004015



Mopeka Remote Outdoor Antenna

- Increases the Bluetooth or Cellular signal.
- Complete with Magnetic Mount.
- 1.5 m & 4 m available.

 # MP2002014, 1.5 m

#MP20022015, 4 m

Bluetooth® WiFi™ LTE™

ALL CONTROLS

Pressure

AIR PRESSURE SWITCHES Page: 72
DUNGS, KROMSCHRODER, OGS.

GAS PRESSURE SWITCHES Page: 73
DUNGS, KROMSCHRODER,
WHITE-RODGERS.

DUCT PRESSURE SWITCHES Page: 74
CLEVELND, OCEANIA GAS SERVICES (OGS).

VALVE LEAKAGE DETECTION Page: 74
DUNGS, KROMSCHRODER.


AC

ALL CONTROLS

AIR, GAS & DUCT PRESSURE SWITCHES



Kromschroder U Series (Gas & Air)

- Differential, Positive and Negative Pressure.

DG 6U-3,	0.8 – 6.0mBar	*# KR20006*
DG 10U-3	1.0 – 10mBar	*# KR20008*
DG 50U-3	2.5 – 50mBar	*# KR20010*
DG 150U-3	30 – 150mBar	*# KR20012*
DG 500U-3	100 – 500mBar	*# KR20014*



Kromschroder H Series (Gas & Air)

- Manual Reset.
- Locks off with rising pressure.
- AGA approval number 5484.

DG 10H-3	1 – 10mBar	*# KR20068*
DG 50H-3	2.5 – 50mBar	*# KR20070*
DG 150H-3	30 – 150mBar	*# KR20072*
DG 500H-3	100 – 500mBar	*# KR20074*



Kromschroder N Series (Gas & Air)

- Manual Reset.
- Locks off with falling pressure.
- AGA approval number 5484.

DG 10N-3	1 - 10mBar	*# KR20078*
DG 50N-3	2.5 – 50mBar	*# KR20080*
DG 150N-3	30 – 150mBar	*# KR20082*
DG 500N-3	100 – 500mBar	*# KR20084*

ALL CONTROLS



Kromschroder DL3A-3 (Air)

- Control of air as low pressure cut of and as limiting switch.
- Adjustable for postive, negative and differential pressure.
- 0.2 - 3mbar.
- Max 150mbar.

 # KR20138

DUNGS AIR & GAS PRESSURE SWITCHES





ITEM CODE	SIZE RANGE	DESCRIPTION
EL813010030	0.4 - 3 Mb	AIR PRESS.SWITCH LGW 3 A2 (AIR ONLY)
EL813007823	1 - 10 Mb	AIR PRESS.SWITCH LGW 10 A2 (AIR ONLY)
EL865323030	2.5 - 50 Mb	AIR PRESS.SWITCH LGW 50 A2 (AIR ONLY)
EL865312229	2.5 - 50 Mb	AIR PRE.SWITCH LGW 50 A4 (GAS & AIR)
EL865323032	30 - 150 Mb	AIR PRESS.SWITCH LGW 150 A4 (GAS & AIR)
EL865311598	5 - 150 Mb	GAS PRESS.SWITCH GW 150 A5 (GAS & AIR)

ALL CONTROLS

AIR PRESSURE SWITCHES



Cleveland AFS-222 (Air)

- SPDT switch that can be actuated by a positive, negative or a differential pressure with a field adjustable operating range.
- 0.2 - 12” (0.12 - 30mbar).

 # CL0001



OGS Air Pd Switch

- Comes with 1m ducting tube & probe.
- 0.2 – 3.0mBar range.
- 10 Sec. drop out delay.
- Alarm activation at pre-set value.

 # OGS-APS

LEAKAGE DETECTION SYSTEMS



Kromschroder TC 318 R05 T

- Inbuilt pressure sensor.
- Fitted with 2 control gas valves.
- External mounting.
- 50kPa rating.
- 240 / 110v AC, 24V DC.

KR3220



Dungs VPS 504 Pressure Proving

- Suitable for Dungs valves.

  #EL865323657 (504 S02)

  #EL865310749 (504 S04)


AC

ALL CONTROLS

Thermostats

HOT WATER THERMOSTATS Page: 75
JUMO, SIEMENS.

CAPILLARY & BULB THERMOSTATS Page: 76
CAMPINI, JUMO.

FAN LIMIT THERMOSTATS Page: 76
HONEYWELL.

THERMOMETERS Page: 76
TESTO.


AC

ALL CONTROLS

HOT WATER THERMOSTATS



RAK-
Operating voltage
AC 24 V/240 v
Immersion length
100 mm
Protection pocket
100 mm; G ½"; LW7; PN10
Sensing element
Liquid expansion sensor
Capillary length
700 mm
Switch-off point
15…95 °C

	RANGE	O/TEMP
RAK-ST.010FP		95
RAK-ST.010FP-M		95
RAK-ST.020FP-M		100
RAK-ST.030FP-M		110
RAK-ST.1300P-M	110 - 130	
RAK-ST.1310P-M	90 - 110	
RAK-ST.1385M	40 - 70	
RAK-ST.1430S	80 - 100	
RAK-ST.1430S-M	80 - 110	
RAK-ST.1600MP	95 - 130	
RAK-TB.1400S	40 - 60	
RAK-TB.1420S-M		
RAK-TB-1420S-M		
RAK-TR.1000B	15 - 95	
RAK-TR.1000B-H	15 - 95	
RAK-TR.1000S-H	15 - 95	
RAK-TR.1210B-H	15 - 82	



JUMO Limit Thermostat

- Adjustable 20 - 150°C.
- Manual reset.
- SPDT contacts.
- 1M capillary.

 # CP40140/N



JUMO Limit Thermostat

- As above but installed in an enclosure.

 # CP40140CE/N, (20 – 150 Deg).

ALL CONTROLS

CAPILLARY & BULB THERMOSTATS



Robertshaw Electric Fryer Thermostat

- Set point 232°C.
- Millivolt operated.
- Auto reset.
- Gold contacts.

 # RSLCCM0017



Robertshaw Electric Fryer Over Temperature Thermostat

- Set point 232°C.
- Manual Reset.

 # RSLCH0025

FAN LIMIT THERMOSTATS



Honeywell L4064N Fan & Limit Thermostat

- 50°C fan off control (auto reset).
- 93°C hi limit (manual reset).
- 290mm probe.
- Fan switch makes & hi limit breaks on temperature rise.
- Swivel fitting.

 # HLL4064B2210

SURFACE THERMOMETERS



TESTO Mini Surface Thermometer

- -50 - 300°C Operating range..
- Probe length 120mm..

 # TES0560-1109

ALL CONTROLS

Burner Controls

CONTROLS WITH INTEGRAL IGNITION — Page: 77 - 78
BRAHMA, FENWAL, WHITE-RODGERS.

PROGRAMMED BURNER CONTROLS — Page: 78 - 82
FIREYE, KROMSCHRODER, RIELLO, SIEMENS.

SEMI AUTOMATIC BURNER CONTROLS — Page: 83
BRAHMA, KROMSCHRODER, PACTROL.

FLAME DETECTION — Page: 83 - 84
BRAHMA, FIREYE, KROMSCHRODER, SIEMENS.

ALL CONTROLS STOCK A COMPREHENSIVE RANGE OF BURNER SPARE PARTS

SATRONIC BURNER CONTROLS SUBJECT TO AVAILABILITY


AC

ALL CONTROLS

BURNER CONTROLS WITH INTEGRAL IGNITION

FOR REPLACEMENT ONLY, NO LONGER AGA APPROVED



Typical Photo

Brahma CM32 EUROFLAT - *# B1164*
Brahma CE11 U MICROFLAT - *# B1150*
Brahma CM11 U MICROFLAT - *# B1152*
Brahma CE12 U MICROFLAT - *# B1154X*
Brahma CM12 U MICROFLAT - # B1154
Brahma CE31 U MICROFLAT - # B1155
Brahma CM31 U MICROFLAT - *# B1156*

BRAHMA "ND" REPLACEMENT FOR THE CE & CM BRAHMA CONTROLS



Brahma ND Series MICROFLAT

Contact All Controls for further information



White-Rodgers 50A72 HSI Control

- Plug in connectors.
- Re-start attempt.
- Single gas valve.
- Flame sensor.
- Hot surface ignitor.
- LED Indicator.
- 240 volt AC.
- Suitable for Rheems HW cylinders.

 # W0212

ALL CONTROLS

BURNER CONTROLS WITH INTEGRAL IGNITION



FENWALL BURNER CONTROL C/W WIRING LOOM

- 12 VDC.
- Integral Ignition transformer.
- Inter purge time 25 seconds.
- Trial for ignition time (TFI) 10 seconds.

 # FW-35-53056-035

PROGRAMMED GAS & OIL BURNER CONTROLS

All Controls NZ Ltd. carry a full range of burner controls to suit Riello burners.

We endeavour to have most brands of commonly used burner controls available.

Special requirements are availble on indent.

Riello - Siemens Equivalents.

RMO88.53A1	LMO88.530A1RL
RMO88.53A2	LMO88.530A2RL
RMG88.62A1	LMO88.620A1RL
RMG88.62A2	LMO88.620A2RL
RMG/M88.62A2	LMO88.621A2RL

fireye RIELLO krom schroder

satronic SIEMENS

ALL CONTROLS

SIEMENS OIL & GAS BURNER CONTROLS



Siemens LME 7 FLAME SAFEGUARD CONTROL

- Modular Design
- Diagnostic & Display
- High Flexibility
- Individual Interlock Wiring

Contact All Controls for further information



Siemens LFL1.635 CONTROL

Forced draught modulating gas burner control

 # LFL1.635

 # LFL1.335

 # AGM410400550, Plug in Base



Siemens LMO 24 Series Control

- 2 Stage Oil burner control.
- Forced draught .
- Remote reset / flame failure indicator.
- Replaces LOA 2 series.

 # LMO24.111C2

 # AGK11/65, Plug in Base & Gland Plate



Siemens LME 2 Series Control

- 1 or 2 Stage operation.
- Gas or Oil burner control.
- With or without fan.
- QRA UV cell / Ionisation control.
- Replaces LMG series

 # LME2……

 # AGK11/65, Plug in Base & Gland Plate

A full range of available Siemens controllers can be supplied by ALC. Contact us to discuss your requirements.

ALL CONTROLS

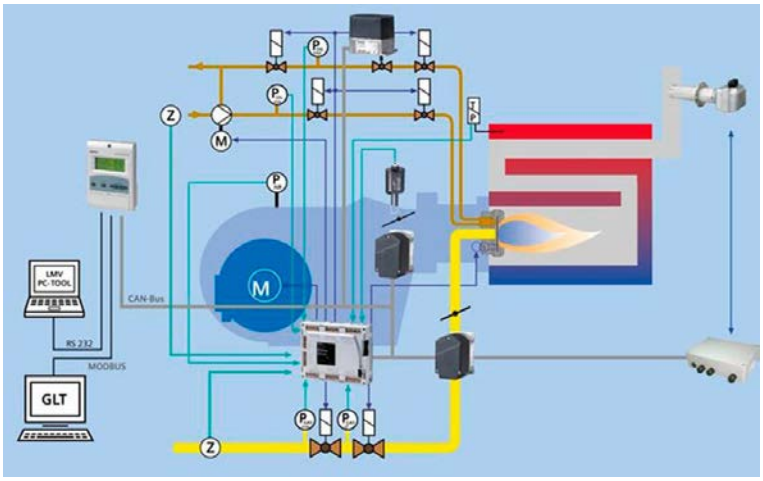
SIEMENS LMV PROGRAMMED BURNER MANAGEMENT CONTROLS





Siemens LMV5..

- Burner control with gas valve proving system.
- Electronic fuel-air ratio control.
- Optional PID temperature or pressure boiler load control.
- Optional VSD module available.
- Optional O2 trim control available.



ALL CONTROLS

FIREYE GAS BURNER CONTROLS



FIREYE BURNER PRO Micro Processor Based Burner Management Control

- Air-flow proving, Gas valve proving & Modbus access.
- Two built in flame amplifiers, (UV, FR, UV+FR).
- Smart LED's for on board diagnostic lockout information.
- Run/check feature allows for system troubleshooting.
- UL Listed
- Replaces Siemens LFL1.635
- 240 or 110 volt AC.

 # FEBP230UVFR-S4M



FIREYE BURNER PRO MODBUS COMMUNICATIONS ADAPTOR

- Incorporates 60-2998, MODBUS to terminal block.
- 60-3000, USB to Serial Port adaptor with flying leads.

 # 60-3000



FIREYE BURNER PRO PLUG IN BASE

 # FE60-2981-1

FIREYE BURNER CONTROLS SUBJECT TO AVAILABILITY

ALL CONTROLS

KROMSCHRODER GAS BURNER CONTROLS



Kromschroder BCU 370 CONTROL

- Forced draught gas burner control.
- Intermittent or continuous operation.
- Control of fan & butterfly valve.
- Optional tightness control.
- Easy start up & maintenance due to manual operating mode.
- 110/240 volt AC.

 # KR28252 (Other models available on request)



Kromschroder IFS 110-IM CONTROL

- Forced draught gas burner control.
- Plug in base.
- Pilot / Main Gas Valves.
- Remote reset / Flame Failure Indicator.
- Pre-Purge 5 seconds.
- Flame Failure Safety Time - 5 seconds.
- Single electrode / UV Cell.
- 240 volt AC.

 # KR28086



SATRONIC BURNER CONTROLS SUBJECT TO AVAILABILITY

ALL CONTROLS

SEMI AUTOMATIC BURNER CONTROLS



Brahma RE3 CONTROL

- Plug in base.
- UV Cell or Flame Rod sensing.
- Green light - Power on.
- Red light - Flame on
- Two electrical change-over contacts.
- 240 volt AC.

 # B1115

FLAME DETECTORS & RELAYS



Siemens LFS1… CONTROL

- Plug in base.
- UV Cell - Series QRA, RAR9 or Flame Rod sensing.
- Electrical open contact..
- Electrical closed contact.
- 240 volt AC.
- Replaces LFE 10

 # LFS1.21A2



LFS1 Flame Relay Base

 # AGK11.7



Cable Gland Holder

 # AGK65



LFE to LFS Adaptor

 # KF8896

ALL CONTROLS

FLAME DETECTORS



Siemens QRA4U

- Flame detector (Oil & Gas)

#QRA4.U



Siemens QRA2

UV Detector (for gas)

#QRA2[1]



Siemens RAR9

Photo cell (for oil)

#RAR9[1]



Siemens QRB 1

Photo cell (for oil)

#QRB1....specify full code



Brahma UV1

UV Detector (for gas)

#B1190



Kromschroder FDU Flame Detector Unit

- Replaces IFW 15/50, R4343 & BCU1000

Contact All Controls for further information


AC

ALL CONTROLS

Burners

RIELLO, ELCO,
CUENOD, ECOFLAM — Page: 85 - 88
GAS, OIL, DUAL FUEL PACKAGE,
AIR HEAT & PROCESS BURNERS.

ECLIPSE — Page: 89
AIR HEAT & PROCESS BURNERS.

FIVES NORTH AMERICAN — Page: 90
AIR HEAT & PROCESS BURNERS.

SCHWANK — Page: 91
OVERHEAD RADIANT TUBE & PATIO HEATERS,
INFRA-RED BURNERS, CERAMIC BURNER TILES.

ATMOSPHERIC BURNERS — Page: 92 - 93
MONGOLIAN, DUCKBILL.

DATA PLATES — Page: 93

ALL CONTROLS STOCK A COMPREHENSIVE RANGE OF BURNER SPARE PARTS

elco Ecoflam CUENOD

RIELLO

Schwank Heating. Cooling. Systems.

ECLIPSE

fives north american


AC

PACKAGE BURNERS GAS & OIL

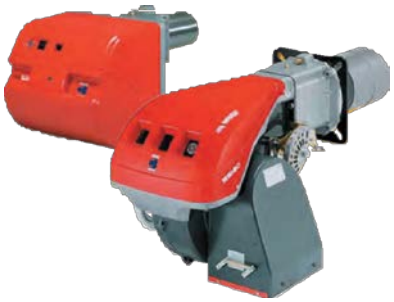
ALL CONTROLS

RIELLO



Riello 40 GS Series Gas Burners

- On / Off
- GS3 – GS20 11 – 220 kW
- Two Stage & Modulating versions available.
- 11 – 220 kW.



Riello RS Series Gas Burners

- On / Off.
- Two Stage & Modulating also available.
- 80 – 11,100 kW.

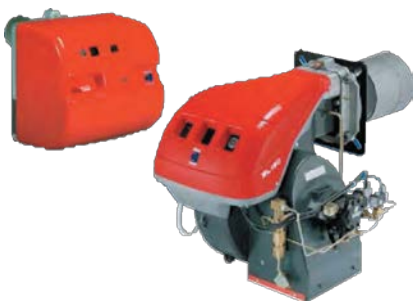


Riello 40 G Series Light Oil Burners

- On / Off
- G3 – G20S 24 - 240 Kw

Two Stage also available

- 40G10 54 – 120 kW
- 40G20S 95 – 240 kW



Riello RL Series Light Oil Burners

- On/Off.
- Two Stage.
- Progressive two stage and modulating also available.
- 95 - 4,410 kW

PACKAGE BURNERS GAS & OIL



ELCO VECTRON LOW NOx Gas, Light Oil, & Dual Fuel.

- Single Stage, Two Stage & Modulating
- 15 – 2,300 kW.



ELCO DUOBLOCK Gas, Light Oil, Heavy Oil & Dual Fuel

- Two Stage & Modulating

  230 – 34,000 kW

PROCESS BURNERS – GAS



ELCO EK-PRO MB LMT Process Burners

- Modulating.
- 30:1 turndown.
- 3 – 1,450 kW

PACKAGE BURNERS GAS & OIL

ALL CONTROLS

CUENOD



CUENOD NC PRO LOW NOx Gas, Light Oil & Dual Fuel

Single Stage, Two Stage & Modulating available.

- 15 – 2,200 kW.

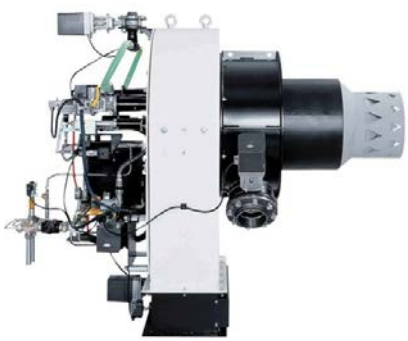


CUENOD D-TRON Gas, Light Oil, Heavy Oil & Dual Fuel

- 230 – 34,000 kW.

Please Contact ALL CONTROLS for further technical information

PROCESS BURNERS – GAS



CUENOD EK-DUO Gas, Light Oil & Dual Fuel

- 600 – 16,000 kW.

Please Contact ALL CONTROLS for further technical information

ALL CONTROLS

PACKAGE BURNERS GAS & OIL

Ecoflam



ECOFLAM LOW NOx

MAX & BLU Gas Burners

- Single Stage, Two Stage & Modulating available.
- 17 – 17,000 Kw.



ECOFLAM MAX & MAIOR

Light Oil Burners

- Single Stage, Two Stage & Modulating available.
- 18 – 17,000 Kw.

PROCESS BURNERS – GAS



ECOFLAM MAX-PRO Process Burners

- 30:1 Turndown.
- 3 – 1,450 kW

PROCESS BURNERS – GAS

ALL CONTROLS

ECLIPSE™
Innovative Thermal Solutions

A full range of Eclipse burners is now available for all process and heating applications.
Contact All Controls to discuss your requirements.



ECLIPSE AH Series AirHeat Burner

- Duct burner
- High turn down
- Stainless steel

*Available with gas train and burner control if required

Capacities:

#AH0050 – 6", Max. Input - 147kW

#AH0100 – 12", Max. Input – 293kW

#AH0150 – 18", Max. Input – 440Kw

Up to 1172kW

Please Contact ALL CONTROLS for further technical information



ECLIPSE ThermJet Burner

- High performance velocity burners.
- High turn down.
- Capacities from 40 – 5280 kW.
- Available with gas train and burner control.

Please Contact ALL CONTROLS for further technical information.

ALL CONTROLS

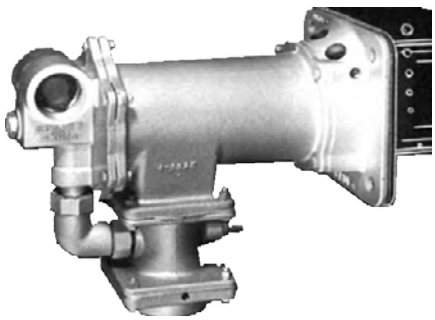
PROCESS BURNERS – GAS



Namco Zephyr Air Heat Burners

- Versatile Air Heat Burners for duct or fan assisted applications.
- 50:1 Turndown.
- 500 - 9000mJ Models available.
- Gastrain & Burner controls available.

Please Contact ALL CONTROLS
for further technical information



Namco 4762 Immersion Tube Burners

- High heat release
- High turndown
- UV or flame rod
- Reliable premix pilot
- 200mJ - 4,200mJ models available

Please Contact ALL CONTROLS
for further technical information

COMFORT HEATING

ALL CONTROLS

Schwank
Heating. Cooling. Systems.



SCHWANK Over Head Radiant Tube Heaters

- Single & Double Tube versions available.
- 15 kW – 60 kW Heat inputs.
- Range of tube lengths.
- Single Stage, 2 – Stage or Modulating versions available,

 # Contact All Controls for further information & pricing.



SCHWANK Supra Infra-Red Luminous Heaters

- Fully Modulating.
- 4.0 kW – 30.0 kW Heat inputs.
- Ideal for high roof applications.
- ModBus capable.

 # Contact All Controls for further information & pricing



SCHWANK Terras Patio Heater

- Ideal for all outdoor hospitality situations.
- 3.5 kW or 6.7 kW versions available.
- Optional WindSecure system provides stable flame in high wind situations.

 # Contact All Controls for further information & pricing



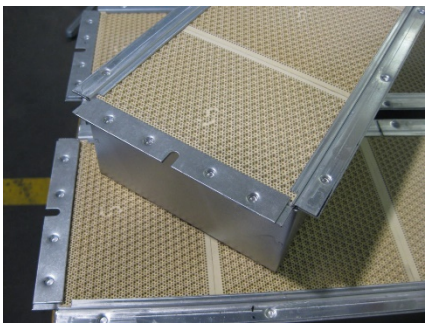
SCHWANK Luna Patio Heater

- Ideal for terraces & outdoor dining areas.
- Two stage modulation as standard.
- Three output versions available.
- Optional WindSecure system provides stable flame in high wind situations.

 # Contact All Controls for further information & pricing

ALL CONTROLS

INFRA-RED BURNERS



Schwank Infrared Burner Plaques

- Many shapes, sizes & outputs.

 # Contact All Controls for further information & pricing

ATMOSPHERIC BURNERS



Duckbill / Mongolian Burners

- Suitable for commercial wok applications.
- Available with 18, 28, 23 and 32 jets.
- Natural Gas or LPG.

18 jet Duckbill Burner 200mm Diameter

- 1/2” BSP inlet.
- 120 mJ/h @ 1kPa NG 1.2mm Jet.
- 120 mJ/h @ 2.75 kPa LPG 0.7mm Jet.

#HC18J-120, NG

#DBLP18J, LPG



28 jet Duckbill Burner 280mm Diameter

- 3/4” BSP inlet.
- 180mJ/h @ 1kPa NG 1.2mm Jet.
- 180mJ/h @ 2.75 kPa LPG 0.7mm Jet.

#HC28J-120, NG

#DBLP28J, LPG



23 jet Mongolian Burner 150mJ/h

- 1/2” BSP inlet.
- 150mJ/h @1 kPa NG 1.2mm Jet .
- 150mJ/h @2.75 kPa LPG 0.6mm Jet.

#WS1023-120, NG

#WS1023-070G, LPG

ALL CONTROLS

ATMOSPHERIC BURNERS



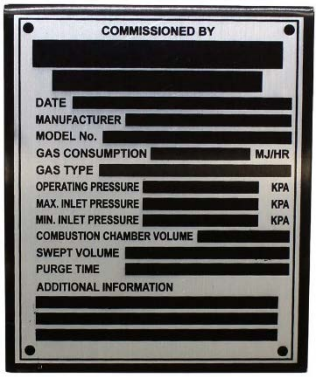
32 jet Mongolian Burner 200 mJ/h

- 3/4” BSP inlet.
- 200mJ/h @1 kPa NG 1.2mm Jet
- 200mJ/h @2.75 kPa LPG 0.6mm Jet.

#WS1032-060, NG

#WS1032-060G, LPG

DATA PLATES



ALL CONTROLS

Boilers

DE DIETRICH - Climate Innovation Page: 94

FLOOR STANDING BOILERS

WALL MOUNTED BOILERS

WALL HUNG BOILERS – DOMESTIC

RIELLO - Energy For Life

FLOOR STANDING BOILERS Page: 95

WALL MOUNTED BOILERS

WALL HUNG BOILERS – DOMESTIC

GASSERO Page: 96

GIACOMINI - Water E – Motion Page 97 - 98

SAFETY RELIEF VALVES

FILL VALVE SETS

DRAIN VALVES

PRESURE GAUGES

De Dietrich Climate Innovation

RIELLO Energy For Life

GIACOMINI WATER E-MOTION


AC

ALL CONTROLS

DE DIETRICH



De Dietrich Floor Standing Boilers

GT Series

- 70 – 1450 Output Available.



De Dietrich Floor Standing Condensing Boilers

ECO C230

- 70 - 1300 kW Output Available.



De Dietrich Floor Standing Condensing Boilers

C230 EVO - C340 - C640

- 90 – 550 kW Output Available.



De Dietrich MCA PRO Series Condensing Wall Hung Boilers

Ideal for Commercial Use

- 35 – 162 kW Output Available



De Dietrich MCR-P Wall Hung Gas Condensing Boilers

- 6 – 35 kW Output Available.

ALL CONTROLS

RIELLO



Riello RTS Series Floor Standing Boilers

- 85 – 1,850 kW Output models available.
- High Efficiency.
- RIELLO Gas, Oil or Dual Fuel Burner Model Matched to Boiler.



Riello RTG Series Floor Standing Boilers

- 1,165 – 10,500 kW Output models available.
- High Efficiency.
- RIELLO Gas, Oil or Dual Fuel Burner Model Matched to Boiler.



Riello Condexa Pro Series Wall Hung Boilers

- 55 - 130 Kw output.
- Cascade hardware available.

GASSERO

ALL CONTROLS



Gassero Wallcon Xtreme Wall Hung Boilers

- 42 kW, 50kW & 150kW Output Available.
- Stainless Steel Heat Exchanger.
- Turndown Ratio 15:1.
- Low Nox Values.
- Low Flue Gas Temperatures.
- High Efficiency up to 108 %.
- Integrated Internal Circulating Pump.

GASSERO WALLCON XTREME BOILERS SUBJECT TO AVAILABILITY

ALL CONTROLS

HOT WATER CONTROLS

GIACOMINI
WATER E-MOTION



R140 Y Series Relief (Safety) Valves

- 1/2” – 1.1/4” BSP.
- 3 Bar – 10 Bar.

*# GC-R140Y*** (Specify size & pressure required)*



R150 BY103 Automatic Filling Valve

- 1/2” MBSP x 1/2” FBSP.

 # GC-R150BY103



R608 Drain Valve

- 3/4” BSP x 18mm Hose connection.

 # GC-R608Y014.

ALL CONTROLS

HOT WATER CONTROLS



R88 I Series Automatic Air Vent

- 1/2” MBSP.
- C/W R160 Shut-Off valve.

 # GC-R88IY003



R225 Series Pressure Gauge

- 1/4” BSP Offset, Rear entry,
- 0 – 6 Bar.

 # GC-R225Y001



R910X Series Ball Valve

- 1/2” BSP F x F.

 # GC-R910X023