PROFESSIONAL GAS
EQUIPMENT MANUFACTURER



Accord
Equipment for liquefied gases

+35952920172 • ACCORD.BG • INFO@ACCORD.BG

TABLE OF CONTENTS

Table of Contents 2

Electrically Heated Vaporizers and Vaporizing Units 4

Indirect Liquid Heating Vaporizing Units 18

Regenerative Turbine Pumps Ebsray 20

Sliding Vane Pumps Ebsray 26

Sliding Vane Pumps Blackmer 30

Reciprocating Gas Compressors Blackmer 66

Gas Generators 68

Gas Pressure Regulators REGO 70

POL Adapters REGO 94

Relief Valves for Railroad Tank Cars REGO 96

Tank Car Angle Valves REGO 98

Next Generation Relief Valve REGO 100

Packages REGO 102

Pressure Relief Valves REGO 104

Tube Type Radiant Heaters 108

Electric Actuators 112

Price list 126

VAPORIZERS 10-40 SE



Vaporizer for liquefied petroleum gases (propane, butane and their mixtures) with indirect electric heating				
Name	10 SE	15 SE	25 SE	40 SE
Production capacity	10 kg/hour	15 kg/hour	25 kg/hour	40 kg/hour
Designed pressure	25 bar			
Explosion-proof design for Ex-zone 2				
Input/output	Ermeto 15 mm/Ermeto 15 mm			
Electric power consumed at startup (peak consumption)	3 kW		3,7 kW	6,5 kW
Power consumed to evaporate 1 kg of propane at pressure of 1.013 bar – 110 W				
Electric design in accordance with VDE standards;				
Power voltage	230 V/50 Hz			400 V/50 Hz
Index of protection IP64				

The SE electric vaporizers and vaporizing units have been designed to cater to consumers' needs by providing them with the vapor phase of liquefied petroleum gas (LPG). These units are available in a range of capacities, from 10 to 2,000 kg/hour, and come equipped with an automatic gas flow adjustment feature that adjusts based on the consumption rate. This advanced functionality significantly reduces energy consumption for evaporation purposes.

Operating the SE vaporizing units is a breeze, thanks to their user-friendly interface. These units boast exceptional reliability, as they have been meticulously developed and manufactured by the team of experts at our company. The properties of liquefied petroleum gases have been extensively studied, allowing for a deep understanding of their behavior in different climatic zones. Careful analysis of equipment offered by other manufacturers has further contributed to the creation of a new and improved evaporator that excels in both simplicity and dependability.

Scope of supply includes:

- Vaporizer in stainless steel casing; 2 magnetic valves; Set of documents.

VAPORIZERS 60-320 SE



Vaporizer for liquefied petroleum gases (propane, butane and their mixtures) with indirect electric heating	
Name	60 SE, 70 SE, 80 SE, 100 SE, 120 SE, 140 SE, 160 SE, 180 SE, 200 SE, 240 SE, 260 SE, 280 SE, 300 SE, 320 SE
Production capacity	60, 70, 80, 100, 120, 140, 160, 180, 200, 240, 260, 280, 300, 320 kg/hour
Designed pressure	25 bar
Explosion-proof design for Ex-zone 2	
Input/output	Ermeto 22/28 mm and Ermeto 22/28 mm
Electric power consumed at startup (peak consumption)	13-45 kW
Power consumed to evaporate 1 kg of propane at pressure of 1.013 bar – 110 W	
Electric design in accordance with VDE standards;	
Power voltage	400 V/50 Hz
Index of protection IP64	

Despite being a relatively young company, our company has managed to assemble a team of seasoned professionals who possess a wealth of experience in manufacturing and operating evaporative units worldwide. This collaborative effort has enabled the integration of over two decades worth of knowledge, thereby minimizing the impact of human error. As a result, the units offer an automatic mode that eliminates the need for manual adjustments.

Scope of supply includes:

- Vaporizer in stainless steel casing;
- 2 magnetic valves, safety valve 25 bar;
- Set of documents.

VAPORIZINGUNITS 20-40 SE/H



Vaporizing Unit (low pressure, medium pressure) for liquefied petroleum gases (propane, butane and their mixtures) with indirect electric heating, cabinet-type		
Name	20 SE/H, 25 SE/H, 30 SE/H, 35 SE/H, 40 SE/H	
Production capacity	20, 25, 30, 35, 40 kg/hour	
Output pressure depends on the customer's requirements		
Designed pressure	25 bar	
Explosion-proof design for Ex-zone 2		
Input/output	DN25/DN25	
Electric power consumed at startup (peak consumption)	4,2 - 6,5 kW	
Power consumed to evaporate 1 kg of propane at pressure of 1.013 bar – 110 W		
Electric design in accordance with VDE standards;		
Power voltage	230 V/50 Hz	400 V/50 Hz
Index of protection IP64		

Scope of supply includes:

- Vaporizer in stainless steel casing;
- Painted steel cabinet with dimensions H/W/D 1700/1000/400;
- 2 magnetic valves;
- Medium pressure adjuster with set point pressure of 0.7-1.5 bar;
- Set of checking, control and safety valves;
- Set of documents.

VAPORIZING UNITS 60-320 SE/H



Vaporizing Unit (low pressure, medium pressure) for liquefied petroleum gases (propane, butane and their mixtures) with indirect electric heating, cabinet-type	
Name	60 SE/H, 70 SE/H, 80 SE/H, 100 SE/H, 120 SE/H, 140 SE/H, 160 SE/H, 180 SE/H, 200 SE/H, 240 SE/H, 260 SE/H, 280 SE/H, 300 SE/H, 320 SE/H, 330 SE/H
Production capacity	60, 70, 80, 100, 120, 140, 160, 180, 200, 240, 260, 280, 300, 320, 330 kg/hour
Output pressure depends on the customer's requirements	
Designed pressure	25 bar
Explosion-proof design for Ex-zone 2	
Input/output	DN25/DN25 and DN25/DN50
Electric power consumed at startup (peak consumption)	13 - 52 kW
Power consumed to evaporate 1 kg of propane at pressure of 1.013 bar – 110 W	
Electric design in accordance with VDE standards;	
Power voltage	400 V/50 Hz
Index of protection IP64	

Scope of supply includes:

- Vaporizer in stainless steel casing;
- Painted steel cabinet with dimensions H/W/D 1700/1000/400;
- 2 magnetic valves;
- Medium pressure adjuster with set point pressure of 0.7-1.5 bar;
- Set of checking, control and safety valves;
- Set of documents.

VAPORIZING UNITS 350-600 SE/H



Vaporizing Unit (low pressure, medium pressure) for liquefied petroleum gases (propane, butane and their mixtures) with indirect electric heating, cabinet-type	
Name	350 SE/H, 400 SE/H, 450 SE/H, 520 SE/H, 560 SE/H, 600 SE/H
Production capacity	350, 400, 450, 520, 560, 600 kg/h
Output pressure depends on the customer's requirements	
Designed pressure	25 bar
Explosion-proof design for Ex-zone 2	
Input/output	DN25/DN50
Electric power consumed at startup (peak consumption)	78-90 kW
Power consumed to evaporate 1 kg of propane at pressure of 1.013 bar – 110 W	
Electric design in accordance with VDE standards;	
Power voltage	400 V/50 Hz
Index of protection IP64	

Scope of supply includes:

- 2 parallel connected vaporizers in stainless steel casing;
- Painted steel cabinet with dimensions H/W/D 1700/1600/400;
- 2 magnetic valves at the input of every vaporizer;
- Medium pressure adjuster with set point pressure of 0.7-1.5 bar;
- Set of checking, control and safety valves;
- Set of documents.

VAPORIZING UNITS 640-1450 SE/H



Vaporizing Unit (low pressure, medium pressure) for liquefied petroleum gases (propane, butane and their mixtures) with indirect electric heating, cabinet-type	
Name	3 evaporators: 640 SE/H, 720 SE/H, 780 SE/H, 840 SE/H 4 evaporators: 960 SE/H, 1250 SE/H, 1450 SE/H
Production capacity	640, 720, 780, 840 kg/h 960, 1250, 1450 kg/h
Output pressure depends on the customer's requirements	
Designed pressure	25 bar
Explosion-proof design for Ex-zone 2	
Input/output	DN25/DN50
Electric power consumed at startup (peak consumption)	117-225 kW
Power consumed to evaporate 1 kg of propane at pressure of 1.013 bar – 110 W	
Electric design in accordance with VDE standards;	
Power voltage	400 V/50 Hz
Index of protection IP64	

Scope of supply includes:

- 3/4 parallel connected vaporizers in stainless steel casing;
- Painted steel cabinet with dimensions H/W/D 1700/1600/400;
- 2 magnetic valves at the input of every vaporizer;
- Medium pressure adjuster with set point pressure of 0.7-1.5 bar;
- Set of checking, control and safety valves;
- Set of documents.

VAPORIZING UNITS 900-1400 SE/R



Vaporizing Unit (low pressure, medium pressure) for liquefied petroleum gases (propane, butane and their mixtures) with indirect electric heating, in-frame, no cabinet			
Name	900 SE/R	1200 SE/R	1400 SE/R
Production capacity	900 kg/h	1200 kg/h	1400 kg/h
Output pressure depends on the customer's requirements			
Designed pressure	25 bar		
Explosion-proof design for Ex-zone 2			
Input/output	DN32/ DN50/DN25		
Electric power consumed at startup (peak consumption)	135 kW	180 kW	216 kW
Power consumed to evaporate 1 kg of propane at pressure of 1.013 bar – 110 W			
Electric design in accordance with VDE standards;			
Power voltage	400 V/50 Hz		
Index of protection IP64			

These vaporizing installations are supplied without enclosures. They are fully assembled on a frame, making them ready for use. The frame complexes of these vaporizing installations allow for installation in suitable buildings or well-ventilated containers, providing mobility to the vaporizing units. The frame is designed according to the customer's request.

Scope of supply includes:

- 3/4/6 parallel connected vaporizers stainless steel casing; Steel galvanized frame 1300x3000 mm (structure of the frame is made in accordance with the customer's requirements);
- 2 magnetic valves at the input of every vaporizer;
- Impurity trap with a fine filter; Pressure gauge 0 – 25 bar with a checking valve – 2 pieces;
- Safety valve before the vaporizers;
- Medium pressure adjuster with set point pressure of 0.7-1.5 bar;
- Set of checking, control and safety valves;
- Set of documents.

VAPORIZING UNITS 200-3800 ZH/H



Vaporizing Unit for liquefied petroleum gases (propane, butane and their mixtures) with indirect liquid (wate) heating, cabinet-type	
Name	200 ZH/H, 300 ZH/H, 400 ZH/H, 600 ZH/H, 800 ZH/H, 1000 ZH/H, 1200 ZH/H, 1900 ZH/H, 2500 ZH/H, 3000 ZH/H, 3800 ZH/H
Production capacity	200, 300, 400, 600, 800, 1000, 1200, 1900, 2500, 3000, 3800 kg/h
Designed pressure (gas/water)	25/10 bar
Explosion-proof design for Ex-zone 2	
Liquid phase input/vapor phase output	DN32 PN40/DN80 Pn40
Hot water input/output	DN50 Pn16
Water temperature (gas/water)	90/70°C
Electric design in accordance with VDE standards;	
Power voltage	230 V/50 Hz
Index of protection IP64	

Scope of supply includes:

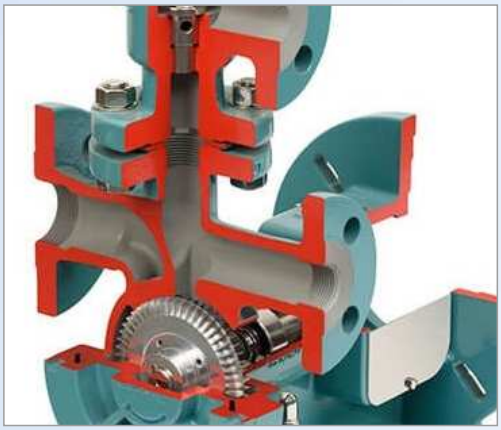
- Vaporizing unit;
- Control group consisting of: Gas pressure regulator PN 16 with safety shut-off valve SAV (input pressure max. 16 bar, output pressure from 50 mbar to 13 bar); Safety discharge valve.
- Painted steel cabinet;
- PT100 temperature sensor for evaporative process control;
- Liquid level sensor;
- 2 electromagnetic valves for liquid phase inlet;
- Thermometer for gas and water temperature inlet/outlet;
- Water pressure control;
- Liquid breaker switch.
- Ball valve for draining the breaker;
- Ball valves for drainage and purging (gas and water).
- Remote electric control panel for installation outside hazardous area
- Documentation set.

RC SERIES REGENERATIVE TURBINE PUMPS EBSRAY









RC Series Regenerative Turbine Pumps			
Name	RC20	RC25	RC40
Max. Flows (50 HZ)	48 L/min	80 L/min	165 L/min
Max. Flows (60 HZ)	60 L/min	105 L/min	195 kg/hour
Max. Differential Pressure	12 bar	14 bar	
Hydrostatic Test Pressure	70 bar		
Materials of Construction			
Body, Cover	Ductile Iron - ASTM 536	Ductile Iron - ASTM A395	Ductile Iron - ASTM 536
Impeller	Bronze	230 V/50 Hz	400 V/50 Hz
Shaft	Carbon Steel	High-Tensile Alloy Steel	Carbon Steel
O-Rings	FKM		
Coupling Guard	Aluminum		
Porting			
Inlet	1” NPT	1” NPT	1-1/2” NPT
Discharge	1” NPT	1” NPT	1” NPT

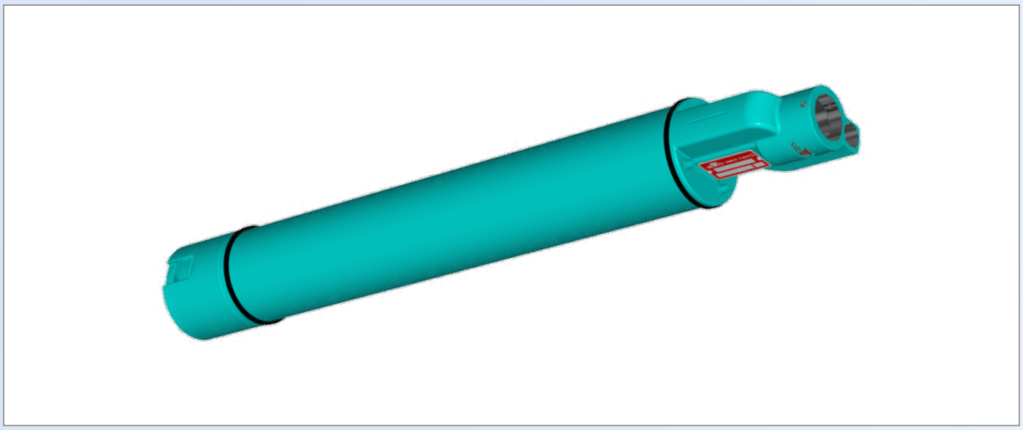
Ebsray® RC Series Regenerative Turbine Pumps are designed and precision-built for high-pressure transfer of LPG, autogas, propane, and butane.

Features and Benefits

- Low maintenance - single stage impeller
- Close coupled to standard IEC or NEMA frame flanged 2 pole motors
- Unique cartridge design mechanical seal
- Integral API 682-ISO 21049 compliant throttle bush
- Extremely quiet, vibration free operation
- Very simple to service.

RX SERIES REGENERATIVE TURBINE PUMPS EBSRAY





RX Series Regenerative Turbine Pumps			
Name	RX10	RX33	RX35
Max. Flows	50 HZ: 160 L/min	50 HZ: 90 L/min	50 HZ: 90 L/min 60 HZ: 115 L/min
Max. Differential Pressure	9 bar		12 bar
Max. Power Range	3.7 kW	2.2 kW	3.7 kW
Max. Speed	2,900 rpm		2,900 or 3,500 rpm
Materials of Construction			
Casing	Ductile Iron/Steel		
Impeller	Bronze		
Bearings	Carbon Composite		

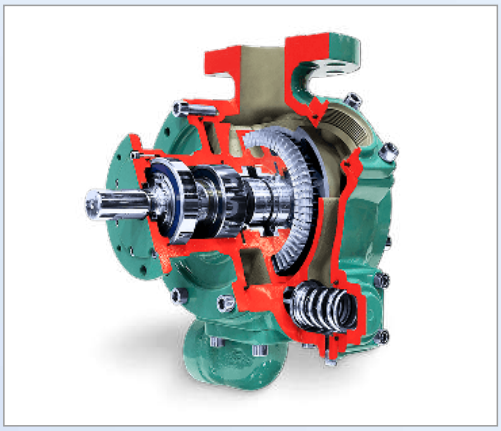
Ebsray® RX Series Submersible Regenerative Turbine Pumps are specifically designed and precision built for efficient, high-pressure pumping of LPG, Autogas, propane and butane from underground or aboveground storage tanks. The submersible design ensures rapid priming and immediate pump flow and pressure even in particularly hot or cold environments where surface mounted pumps would not operate.

Features and Benefits

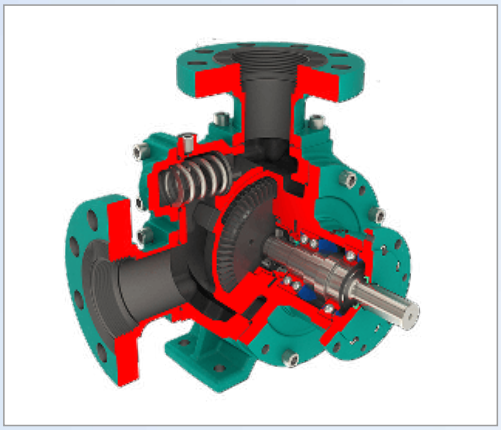
- Single-stage pump reduces complexity;
- Quiet, smooth, pulse-free operation;
- Submersible concept guarantees rapid priming and pressure generation;
- CE marked, ATEX compliant;
- Certified explosion-proof designed submersible electric motor;
- Internal "Bearing Cooling and Lubrication" (BCL™) System for ultimate pumpset reliability;
- Ebsray "Three-Tier" Protection System for pump, motor and pumping system;
- High differential pressure capability;
- Robust design, heavy-duty construction;
- Pumpset is designed to enable complete servicing by Ebsray.

HIFLOW SERIES REGENERATIVE TURBINE PUMPS EBSRAY









HiFlow Series Regenerative Turbine Pumps				
Name	R75	R77	RX80	RX82
Max. Flows	150 to 500 l/min	80 to 600 l/min	150 to 500 l/min	180 to 600 l/min
Max. Differential / Working Pressure	14 bar / 30 bar			
Min / Max Temperature	-40°C / 100°C			
Max. Speed	3,500 rpm			
Materials of Construction				
Body, Cover, Bearing Housing	Ductile Iron			
Impeller	Ni-Resist			
Shaft	Carbon Steel			
Porting				
Inlet Port	2" Flanged		DN80 (3")	
Outlet Ports	2" Flanged		DN80 (3")	
Gauge Ports	1/4" NPT			

The R75 & R77 Ebsray HiFlow Series of Regenerative Turbine Pumps are large truck transport pumps loading and unloading of LPG, propane, butane and Autogas applications. These LPG truck flange mounted pumps are built for the rigors of fluid delivery and are driven by either electric or hydraulic drive or high-speed PTOs.

The HiFlow Series R80 & R82 Regenerative Turbine Pumps are base mounted for large volume fluid transfer. Due to their ability of transferring fluids with high pressure, low flow, and low viscosity, while handling entrained vapors or fluids at or near their boiling point, the R80 and R82 Regenerative Turbine Pumps are designed to compete with competing technologies like side-channel pumps.

SLIDING VANE PUMPS V15-40 SERIES EBSRAY






V Series Sliding Vane Pumps Ebsray						
Name	V15	V20	V25	V30	V35	V40
Max. Flows	345 L/min	400 L/min	600 L/min	1000 L/min	1300 L/min	2000 L/min
Max. Differential Pressures	11 bar	10,5 bar	8,5 bar	11 bar	8,6 bar	8,5 bar
Viscosity Range	0.5 to 10,000 cSt					
Temperatures	0°C to 100°C					
Materials of Construction						
Body	Cast Iron	Alumin. or Cast Iron	Alumin. Alloy	Aluminium or Cast Iron		Ductile Iron
Rotors	Cast Iron					
Vanes	Synthetic					
Liner	Cast Iron					
Shaft	High-Tensile Steel			Stainless Steel		
Bearing Housing	Cast Iron	Alumin. or Cast Iron	Cast Iron	Aluminium or Cast Iron		Ductile Iron
Porting						
Inlet	DN 50 (2") SQ Flange	DN 50 (2") SQ Flange or DN 50 (2")	DN 65 (2.5") SQ Flange	DN 80 (3") SQ Flange or DN 80 (3")	DN90 (3.5") SQ flange	DN100 (4") ANSI CL 300 flange
Discharge						

Ebsray® V Series Sliding Vane Pumps are highly efficient, self-priming positive displacement pumps for low to medium viscosity lubricating and non-lubricating liquids. They are ideally suited for the transfer of LPG, propane, butane and DME, and have been specifically designed and precision built to optimize all the advantages of the sliding vane working principle.

The V Series rotary vane pump automatically self-compensates for vane wear to ensure the vane pump will maintain its superior vapor handling and operational efficiency over a long service life. In addition, these rotary vane pumps feature a smooth output flow that ensures quiet operation within the NPSH range.

SLIDING VANE PUMPS V3000-6000 SERIES EBSRAY





V Series Sliding Vane Pumps Ebsray		
Name	V3000	V6000
Max. Flows	515 L/min	3750 L/min
Max. Differential Pressures	10,5 bar	11 bar
Viscosity Range	0.5 to 10,000 cSt	0.1 to 20,000 cSt
Temperatures	0°C to 100°C	0°C to 150°C
Materials of Construction		
Body	Ductile Iron	Ductile Iron or Cast Steel
Rotors	Hardened Ductile Iron/Alloy Steel	Ductile Iron
Vanes	Univane™ Synthetic Composite	Univane
Liner	Hardened Ductile Iron	Cast Iron
Shaft	Hardened Steel	Stainless Steel
Bearing Housing	Ductile Iron	Ductile Iron or Cast Iron
Porting		
Inlet	DN75 (3") / DN50 (2") NPT / Slip-Weld	DN150 (6") ANSI CL 150 flange
Discharge	DN50 (2") NPT / Slip-Weld	DN150 (6") ANSI CL 150 flange

The Ebsray® Model V3000 Flange Mounted Rotary Sliding Vane Pump is designed and precision built for efficient handling of LPG, Propane, Butane, DME, Anhydrous Ammonia and more. The V3000 sliding vane pump has been designed for truck-mounted applications and the V3010 pump is ideally suited for foot-mounted baseplate applications.

The Ebsray® Model V6000 Rotary Sliding Vane Pump is designed and precision built for efficient handling of LPG, Propane, Butane, DME, Anhydrous Ammonia and more. V6000 pumps are foot-mounted and available with 6-in ports.

SLIDING VANE PUMPS LG AND LGL SERIES BLACKMER





LG and LGL Sliding Vane Pumps		
Available Models	Long Coupled: LGB1, LGB1P Flanged Motor: LGF1, LGF1P	Long Coupled: LGRL1.25, LGL1.25, LGL1.5 Flanged Motor: LGRLF1.25, LGLF1.25, LGLF1.5
Nominal Flow Rate Range	LGB1 & LGF1: 5 - 8 gpm (18 - 30 L/min) LGB1P & LGF1P: 6 - 13 gpm (22 - 49 L/min)	LGRL1.25 & LGRLF1.25: 10 - 16 gpm (38 - 60 L/min) LGL1.25 & LGLF1.25: 10 - 21 gpm (38 - 80 L/min) LGL1.5 & LGLF1.5: 15 - 33 gpm (57 - 125 L/min)
Viscosity	0.2 - 10 cP	
Connection Orientation	Side Inlet | Side Outlet	
Temperature	-25°F to 240°F (-32°C to 115°C)	
Differential Pressure	125 psi (8.6 bar)	150 psi (10.3 bar)
Maximum Working Pressure (MAWP)	350 psi (24.1 bar)	
Primary Materials of Construction	Ductile Iron	
Vane Materials	Duravane	
Min/Max Speed (RPM)	1,450 - 1,750	LGRL1.25 & LGRLF1.25: 1,450 - 1,750 LGL1.25 & LGLF1.25: 1,150 - 1,750 LGL1.5 & LGLF1.5: 1,150 - 1,750
Available Certificates	Hydrostatic / Test Performance / Test NPSH / Test Material (actual or typical) / Dimensional (pump only or unit)	

Materials of Construction			
LG series		LGL series	
Part	Material	Pressure Parts	Material
Cylinder, Head	Ductile Iron: ASTM 536	Casing, Heads, Relief Valve Cover	Ductile Iron: ASTM 536
Bearing Cover	Cast Iron: ASTM A48	Liner, Discs, Bearing Covers	Cast Iron: ASTM A48
Bearing Locknut and Lockwasher	Steel	Bearing Locknut and Lockwasher	Steel
		Relief Valve	Cast Iron: ASTM A48
		Relief Valve Cap	Steel
		Relief Valve Spring	Plated Steel

LG1 Sliding Vane Pumps

As part of the Cavitation Line, LG1 Series Motor Sliding Vane Pumps feature a 1-in port and have long been popular a propane transfer pump for cylinder filling, small volume motor fueling and supplying small vaporizers.

LGRL1.25, LGL1.25, LGL1.5 Sliding Vane Pumps

Blackmer® LGRL and LGL propane pumps are ideal for various liquid propane applications, including motor fueling, multiple-station cylinder filling and a variety of small transfer jobs.

SLIDING VANE PUMPS LGLD2-4 AND TLGLF SERIES BLACKMER





LGLD2-4 and TLGLF Sliding Vane Pumps		
Available Models	LGLD2 LGLD3 LGLD4	TLGLF3 TLGLF3HD TLGLF4
Nominal Flow Rate Range	LGLD2: 30 - 105 gpm (114 - 397 L/min) LGLD3: 60 - 201 gpm (227 - 761 L/min) LGLD4: 150 - 370 gpm (568 - 1,400 L/min)	TLGLF3: 60 – 140 gpm (227 – 530 L/min) TLGLF3HD: 80 – 180 gpm (303 – 681 L/min) TLGLF4: 190 – 425 gpm (719 – 1608 L/min)
Viscosity	0.2 - 10 cP	
Connection Orientation	Side Inlet | Top Outlet	
Temperature	-25°F to 240°F (-32°C to 115°C)	
Differential Pressure	150 psi (10.3 bar)	125 psi (8.6 bar)
Maximum Working Pressure (MAWP)	350 psi (24.1 bar)	
Primary Materials of Construction	Ductile Iron	
Vane Materials	Duravane	
Min/Max Speed (RPM)	LGLD2: 350 - 980 LGLD3: 350 - 980 LGLD4: 350 - 800	TLGLF3: 400 - 870 TLGLF3HD: 350 – 800 TLGLF4: 350 - 800
Available Certificates	Hydrostatic / Test Performance / Test NPSH / Test Material (actual or typical) / Dimensional (pump only or unit)	

Materials of Construction			
LGLD2-4 series		TLGLF series	
Pressure Parts	Material	Pressure Parts	Material
Casing, Heads, Relief Valve Cover, Rotor	Ductile Iron: ASTM 536	Cylinder, Heads, Relief Valve Cover	Ductile Iron: ASTM 536
Discs, Liner, Relief Valve	Cast Iron: ASTM A48		
Bearing Covers	Steel		
Bearing Locknut and Lockwasher	Steel		
Shaft	High Strength Steel		
Relief Valve Spring	Plated Steel		

LGLD2-4 Sliding Vane Pumps

As part of the Cavitation Line of sliding vane pumps, these LGLD propane pumps are ideal for propane, LPG, butane and anhydrous ammonia applications including bulk plant service, multiple cylinder filling applications, vaporizers, bobtails and transports.

TLGLF Sliding Vane Pumps

Blackmer® TLGLF Sliding Vane Pumps are flanged mounted propane truck pumps. UL listed for propane, butane and anhydrous ammonia.

SLIDING VANE PUMPS LGL3021 AND AUTOGAS SERIES BLACKMER





LGL3021 and Autogas Sliding Vane Pumps		
Available Models	LGL3021	LGLH2
Nominal Flow Rate Range	60 - 210 gpm (227 - 795 L/min)	25 - 90 gpm (94 - 340 L/min)
Viscosity	0.2 - 10 cP	
Connection Orientation	Side Inlet | Top Outlet	
Temperature	-25°F to 240°F (-32°C to 115°C)	
Differential Pressure	150 psi (10.3 bar)	190 psi (13.1 bar)
Maximum Working Pressure (MAWP)	350 psi (24.1 bar)	390 psi (26.8 bar)
Primary Materials of Construction	Ductile Iron	
Vane Materials	Duravane	
Min/Max Speed (RPM)	350 - 980	350 - 980
Available Certificates	Hydrostatic / Test Performance / Test NPSH / Test Material (actual or typical) / Dimensional (pump only or unit)	

Materials of Construction

LGL3021 series		Autogas series	
Pressure Parts	Material	Pressure Parts	Material
Casing, Heads, Relief Valve Cover, Rotor	Ductile Iron: ASTM 536	Cylinder, Heads, Relief Valve Cover	Ductile Iron: ASTM 536
Discs, Liner, Relief Valve	Cast Iron: ASTM A48		
Bearing Covers	Steel		
Bearing Locknut and Lockwasher	Steel		
Shaft	High Strength Steel		
Relief Valve Spring	Plated Steel		

LGL3021 Sliding Vane Pumps

Based on Blackmer® industry-standard LGLD3 transfer pump, the LGL3021, which is part of the Cavitation Line of sliding vane pumps, replaces competitive pumps without changing piping connections or motor drives.

TLGLF Sliding Vane Pumps

Blackmer® has several options for sliding vane pumps that are suitable for the rigors associated with Autogas applications. Part of the Cavitation Line, the LGLH2 sliding vane pumps feature high differential pressure designs and a cavitation suppression liner, providing a fast and quiet operation that performs consistently and without fail. Replaceable liners and discs also ensure that downtime is kept to a minimum.

SLIDING VANE PUMPS SGL SERIES BLACKMER





SGL High-Speed Sliding Vane Pumps and SGL 2-4 Inch Sliding Vane Pumps				
Available Models	SGLR1.25 SGL1.25 SGL1.5		SGLD2 SGLD3 SGLWD3	SGLD4 SGLWD4
Nominal Flow Rate Range	SGRL1.25: 5-16 gpm (19-61 L/min) SGL1.25: 5-21 gpm (19-79 L/min) SGL1.5: 7-32 gpm (27-121 L/min)		SGLD2: 14 - 67 gpm (53 - 254 L/min) SGL(W)D3: 30 - 133 gpm (114 - 503 L/min) SGL(W)D4: 55 - 270 gpm (203 - 1,022 L/min)	
Viscosity	0.2 - 4,250 cP			
Connection Orientation	Side Inlet | Side Outlet		Side Inlet | Top Outlet	
Temperature	-30°F to 240°F (-34°C to 115°C)			
Differential Pressure	150 psi (10.3 bar)		SGLD2, SGL(W)D3: 150 psi (10.3 bar) SGL(W)D4: 125 psi (8.62 bar)	
Maximum Working Pressure (MAWP)	525 psi (36.2 bar)		Single Seal: 525 psi (36.2 bar) Dual Seal: 350 psi (24.1 bar)	
Primary Materials of Construction	Ductile Iron			
Vane Materials	Duravane / EC Laminate			
Min/Max Speed (RPM)	850 - 1,750		350 - 640	
Available Certificates	Hydrostatic / Test Performance / Test NPSH / Test Material (actual or typical) / Dimensional (pump only or unit)			
Materials of Construction				
SGL High-Speed Sliding Vane Pumps		SGL 2-4 Inch Sliding Vane Pumps		
Part	Material	Pressure Parts	Material	
Casing, Heads, Relief Valve Cover	Ductile Iron: ASTM 536	Casing, Heads, Relief Valve Cover	Ductile Iron: ASTM 536	

SGL High-Speed Sliding Vane Pumps

Blackmer® SGL high-speed pumps, which are part of the Cavitation Line of sliding vane pumps designed for high vapor pressure liquids, are designed for the liquid transfer or recirculation of refrigerants and other liquefied gasses. Constructed of shock-resistant ductile iron and available with a wide variety of seal materials, SGL pumps are ideally suited for almost any liquefied gas application.

SGL 2-4 Inch Sliding Vane Pumps

Constructed of shock-resistant ductile iron and available with a wide variety of seal materials, SGL pumps are ideally suited for almost any liquefied gas application.

SLIDING VANE PUMPS CRL SERIES BLACKMER





CRL High-Speed Sliding Vane Pumps and CRL 2-4 Inch Sliding Vane Pumps		
Available Models	CRLR1.25 CRL1.25 CRL1.5	CRL2 CRL3 CRL4
Nominal Flow Rate Range	CRLR1.25: 2.5 - 11 gpm (9 - 42 L/min) CRL1.25: 2 - 15 gpm (8 - 57 L/min) CRL1.5: 5 - 24 gpm (19 - 91 L/min)	CRL2: 18 - 72 gpm (68 - 273 L/min) CRL3: 20 - 150 gpm (76 - 568 L/min) CRL4: 75 - 320 gpm (284 - 1,211 L/min)
Viscosity	0.2 - 4,250 cP	
Connection Orientation	Side Inlet | Side Outlet	Side Inlet | Top Outlet
Temperature	-30°F to 240°F (-34°C to 115°C)	
Differential Pressure	CRLR1.25: 70 psi (4.83 bar) CRL1.25/1.5: 100 psi (6.9 bar)	100 psi (6.9 bar)
Maximum Working Pressure (MAWP)	CRL2-4: 525 psi (36.2 bar)	
Primary Materials of Construction	Ductile Iron	
Vane Materials	Laminate	
Min/Max Speed (RPM)	750 - 1,150	330 - 640
Available Certificates	Hydrostatic / Test Performance / Test NPSH / Test Material (actual or typical) / Dimensional (pump only or unit)	

Materials of Construction			
CRL High-Speed Sliding Vane Pumps		CRL 2-4 Inch Sliding Vane Pumps	
Part	Material	Pressure Parts	Material
Cylinder, Head, Relief Valve Cover	Ductile Iron: ASTM 536	Cylinder, Heads, Relief Valve Cover	Ductile Iron: ASTM 536
Liner, Discs	Cast Iron: ASTM A48	Liner, Discs	Cast Iron: ASTM A48

CRL High-Speed Sliding Vane Pumps

Part of the Cavitation Line, CRL high-speed sliding vane pumps are durable motor-speed pumps offer capacities from 5 to 22 U.S. gpm (19-83 L/min), and are ideal for loop systems and low volume transfer applications. CRL models are designed for foot-mounting to a common baseplate.

CRL 2-4 Inch Sliding Vane Pumps

CRL 2- to 4-in pumps, which are part of the Cavitation Line of sliding vane pumps, are widely used for rugged bulk-transfer and recirculation applications which include industrial and food-processing systems, refrigeration, process plants and transport loading and unloading.

SLIDING VANE PUMPS HXL SERIES BLACKMER





HXL Sliding Vane Pumps and HXLJ Jacketed Sliding Vane Pumps		
Available Models	HXL6 HXL8 HXL10	HXLJ8
Nominal Flow Rate Range	6": 90 - 750 gpm (341 - 2,839 L/min) 8": 145 - 1,190 gpm (549 - 4,505 L/min) 10": 430 - 2,080 gpm (1,628 - 7,874 L/min)	8": 145 - 1,190 gpm (549 - 4,505 L/min)
Viscosity	0.2 - 22,000 cSt	
Connection Orientation	Side Inlet | Side Outlet	
Temperature	-25°F to 400°F (-32°C to 204°C)	
Differential Pressure	6": 125 psi (8.6 bar) 8" & 10": 150 psi (10.3 bar)	150 psi (10.3 bar)
Maximum Working Pressure (MAWP)	6": 150 psi (10.3 bar) 8-10": 250 psi (17.2 bar)	250 psi (17.2 bar)
Primary Materials of Construction	Ductile Iron	
Vane Materials	EC Laminate / Bronze / Iron	
Min/Max Speed (RPM)	6" & 8": 45 - 350 10": 45 - 230	45 - 350
Available Certificates	Hydrostatic / Test Performance / Test NPSH / Test Material (actual or typical) / Dimensional (pump only or unit)	
Catalog Options	Connections: NPT, NSI Flange / Elastomers: FKM / Seal: Blackmer single mechanical / Bypass Valve: internal or external	

Materials of Construction

HXL Sliding Vane Pumps		HXLJ Jacketed Sliding Vane Pumps	
Pressure Parts	Material	Pressure Parts	Material
Cylinder, Heads, Bypass Valve	Ductile Iron: ASTM 536	Cylinder, Heads, Bypass Valve	Ductile Iron: ASTM 536

HXL Sliding Vane Pumps

Utilizing the unique Blackmer® sliding vane design, these Heavy Duty Line positive displacement rotary pumps offer the best combined characteristics of sustained high level performance, energy efficiency, trouble-free operation and low maintenance cost.

HXLJ Jacketed Sliding Vane Pumps

The HXLJ8 model features jacketed heads for high-viscous and high-temperature applications. Base-mounted unit assemblies with commercial gear reduction drives are available for all HXL models. This model is fitted with replaceable casing liners and end discs that allow easy rebuilding of the pump, without removing the pump from the piping.

SLIDING VANE PUMPS
ML SERIES BLACKMER





MLX Sliding Vane Pumps and MLN Sliding Vane Pumps		
Available Models	MLX4	MLN4
Nominal Flow Rate Range	35 - 590 gpm (132 - 2,233 L/min)	35 - 590 gpm (132 - 2,233 L/min)
Viscosity	0.2 - 21,000 cP	0.2 - 108,000 cP
Connection Orientation	Side Inlet | Side Outlet	
Temperature	-25°F to 240°F (-32°C to 115°C)	-25°F to 400°F (-32°C to 204°C)
Differential Pressure	200 psi (13.8 bar)	
Maximum Working Pressure (MAWP)	250 psi (17.2 bar)	
Primary Materials of Construction	Ductile Iron	
Vane Materials	Laminate / Bronze / Hardened Steel	
Min/Max Speed (RPM)	68 - 600	
Available Certificates	Hydrostatic / Test Performance / Test NPSH / Test Material (actual or typical) / Dimensional (pump only or unit)	

Materials of Construction		
Parts	Models	Materials
Casing, Heads, Hubs	MLX Series MLN Series	Ductile Iron: ASTM 536
Liner	MLX4, MRLX4, MLN4 MLXW4, MRLXW4	Ductile Iron: ASTM 536 Hardened Ductile Iron: ASTM 536
Discs	MLX4, MRLX4, MLN4 MLXW4, MRLXW4	Cast Iron: ASTM A48 Hardened Cast Iron: ASTM A48

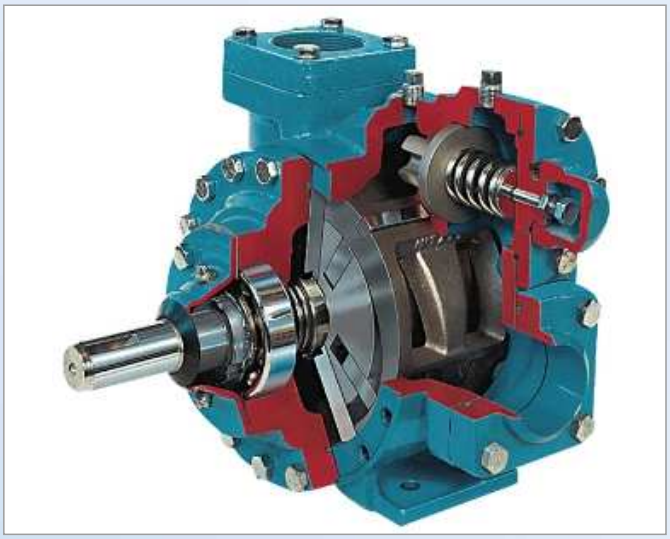
MLX Sliding Vane Pumps

Model MLX Sliding Vane Pumps, part of the Heavy Duty Line, are designed for handling all types of liquids from light non-lubricating to viscous abrasive slurries and waste oils. The MLX pump features internal mechanical seals with external ball bearings. The hub assembly in this model features external grease-lubricated spherical roller bearings and can be fitted with a wide selection of Blackmer® mechanical seals.

MLN Sliding Vane Pumps

Model MLN Sliding Vane Pumps, part of the Heavy Duty Line of sliding vane pumps, are ideal for handling thin to highly viscous fluids such as oils, asphalts, molasses and adhesives. These positive displacement rotary pumps are constructed with ductile iron, and are ideal for handling everything from thin non-lubricating solvents, to highly viscous liquids or abrasive slurries.

SLIDING VANE PUMPS XLW SERIES AND GNX SERIES BLACKMER





XLW Sliding Vane Pumps and GNX Sliding Vane Pumps

Available Models	XLW2 / XLW3 / XLW4	GNX2 / GNX2.5 / GNX3 / GNX4 / GNXH2 / GNXH2.5 / GNXH3 / GNXH4
Nominal Flow Rate Range	XLW2: 14 - 40 gpm (53 - 151 L/min) XLW3: 23 - 85 gpm (87 - 322 L/min) XLW4: 104 - 190 gpm (394 - 719 L/min)	GNX2: 7 - 86 gpm (26 - 325 L/min) GNX2.5: 12 - 155 gpm (45 - 587 L/min) GNX3: 100 - 275 gpm (379 - 1,041 L/min) GNX4: 250 - 500 gpm (946 - 1,893 L/min)
Viscosity	XLW2/XLW3: 1 - 15,750 cP XLW4: 105 - 4,250 cP	0.2 - 4,250 cP
Connection Orientation	Side Inlet | Top Outlet	Side Inlet | Top Outlet (GNX) Side Inlet | Side Outlet (GNXH)
Temperature	-25°F to 300°F (-32°C to 149°C)	-25°F to 240°F (-32°C to 115°C)
Differential Pressure	150 psi (10.3 bar)	2" & 2.5": 125 psi (8.6 bar) 3" & 4": 100 psi (6.9 bar)
Maximum Working Pressure (MAWP)	350 psi (24.1 bar)	175 psi (12.1 bar)
Primary Materials of Construction	Ductile Iron	Ductile Iron, Cast Iron
Vane Materials	EC Laminate / EC Hardened	Duravane / EC Laminate / EC Cast Iron
Min/Max Speed (RPM)	XLW2/XLW3: 56 - 350 XLW4: 125 - 350	2" & 2.5": 323 - 814 rpm 3": 332 - 700 rpm 4": 257 - 563 rpm
Available Certificates	Hydrostatic / Test Performance / Test NPSH / Test Material (actual or typical) / Dimensional (pump only or unit)	

Materials of Construction

Parts	Materials	Part	Models	Material
Casing, Heads, Relief, Valve Cover XLW	Ductile Iron: ASTM 536	Cylinder	GNX 4, All GNXH	Ductile Iron: ASTM 536
			GNX 2, 2.5, 3	Cast Iron: ASTM 48
Liner XLW	Hardened Ductile Iron	Heads	GNX(H) 4 outboard	Ductile Iron: ASTM 536
			2, 2.5, 3, GNX(H)4 inboard	Cast Iron: ASTM 48
		Relief Valve Cover	GNX 4, All GNXH	Ductile Iron: ASTM 536
			GNX 2, 2.5, 3	Cast Iron: ASTM 48
		Bearing Covers	2, 2.5, 3	Steel
			4	Cast Iron: ASTM 48
		Locknut and Lockwasher	GNX(H) 2, 2.5, 3 Only	Steel
		Rotor	All GNX Models	Ductile Iron: ASTM 536
		Shaft	2, 2.5	High Strength Steel
			3, 4	High Strength Stainless Steel
		Relief Valve (R/V)	All GNX(H) Models	Cast Iron: ASTM 48
		Relief Valve Cap	2, 2.5	Steel
			3, 4	Ductile Iron: ASTM 536

SLIDING VANE PUMPS TXH AND TXV SERIES BLACKMER





TXH Sliding Vane Pumps and TXV Sliding Vane Pumps		
Available Models	TXH3	TXV2.5 TXV3
Nominal Flow Rate Range	100 - 240 gpm (378 - 908 L/min)	TXV2.5: 80 - 136 gpm (302 - 513 L/min) TXV3: 175 - 276 gpm (662 - 1,043 L/min)
Viscosity	0.2 - 4,250 cP	0.2 - 10,500 cP
Connection Orientation	Same Side Inlet and Outlet	Side Inlet | Top Outlet
Temperature	-25°F to 240°F (-32°C to 115°C)	-25°F to 375°F (-32°C to 191°C)
Differential Pressure	125 psi (8.6 bar)	
Maximum Working Pressure (MAWP)	175 psi (12.1 bar)	
Primary Materials of Construction	Cast Iron	
Vane Materials	Duravane	Bronze
Min/Max Speed (RPM)	600 - 1,200	200 - 640
Available Certificates	Hydrostatic / Test Performance / Test NPSH / Test Material (actual or typical) / Dimensional (pump only or unit)	
Catalog Options	Connections: NPT, Weld / Elastomers: FKM (PTFE option for TXV) / Valve: Corrosion resistant / Inlet Strainer / Hydraulic Motor Adapter	

Materials of Construction			
TXH Sliding Vane Pumps		TXV Sliding Vane Pumps	
Pressure Parts	Material	Pressure Parts	Material
Cylinder, Heads, Relief Valve Cover	Cast Iron: ASTM A48	Cylinder, Heads, Relief Valve Cover	Cast Iron: ASTM A48

TXH Sliding Vane Pumps

Cast-Iron Pumps Designed for Easy Connections and High-Speed Drives on Tank Trucks and Transports. Blackmer® TXH3 cast-iron rotary vane pumps, part of the Iron Line of sliding vane pumps, have been designed for use on tank trucks and transports that handle a wide range of clean, non-abrasive and non-corrosive fluids that are compatible with cast iron.

TXV Sliding Vane Pumps

High-Temperature Rotary Vane Pumps for Asphalts and Viscous Fluids. Blackmer® TXV Rotary Vane Pumps, are part of the Iron Line of sliding vane pumps, feature and open-rotor design and have been specifically designed for the high-temperature transfer of thick, viscous fluids, including asphalts.

SLIDING VANE PUMPS TXD1220 AND TXD SERIES BLACKMER





TXD1220 Sliding Vane Pumps and TXD Sliding Vane Pumps		
Available Models	TXD1220 / TXD1225 / TXD1230	TX1.5 TXD(I)2 / TXD(I)2.5 / TXD(I)3 / TX(I)4
Nominal Flow Rate Range	TXD1220: 48 - 87 gpm (181 - 329 L/min) TXD1225: 80 - 157 gpm (302 - 594 L/min) TXD1230: 80 - 270 gpm (302 - 1,022 L/min)	TX1.5: 56 gpm (212 L/min) TXD(I)2: 87 gpm (329 L/min) TXD(I)2.5: 157 gpm (594 L/min) TXD(I)3: 270 gpm (1,022 L/min) TX(I)4: 505 gpm (1,911 L/min)
Viscosity	0.2 - 20 cP	1.0 - 4250 cP
Connection Orientation	Side Inlet | Top Outlet	TX & TXD: Side Inlet | Top Outlet TXI & TXDI: Side Inlet | Side Outlet
Temperature	-25°F to 240°F (-32°C to 115°C)	
Differential Pressure	125 psi (8.6 bar)	
Maximum Working Pressure (MAWP)	225 psi (15.5 bar)	175 psi (15.5 bar)
Primary Materials of Construction	Cast Iron	TX & TXD: Cast Iron TXI & TXDI: Ductile Iron
Vane Materials	Duravane	Duravane / Bronze
Min/Max Speed (RPM)	TXD1220 & TXD1225: 700 - 1,200 TXD1230: 270 - 900	TX1.5: 200 - 800 TXD(I)2 & TXD(I)2.5: 70 - 780 TXD(I)3: 70 - 640 TX(I)4: 70 - 520
Available Certificates	Hydrostatic / Test Performance / Test NPSH / Test Material (actual or typical) / Dimensional (pump only or unit)	
Catalog Options	Connections: NPT, Weld, Victaulic Elastomers: FKM Valve: Corrosion resistant Inlet Strainer Hydraulic Motor Adapter	Connections: NPT, Weld, Victaulic Elastomers: BUNA, FKM, PTFE Valve: Corrosion resistant Bypass: 1-stage or pneumatic 2-stage Inlet Strainer / Hydraulic Motor Adapter

Materials of Construction

TXD1220 Sliding Vane Pumps		TXD Sliding Vane Pumps		
Pressure Parts	Material	Pressure Parts	Pump Model	Material
Cylinder	Cast Iron: ASTM A48	Cylinder	TX1.5–3	Cast Iron: ASTM A48
			TX4 & TXDI2-4	Ductile Iron: ASTM 536
Heads	Cast Iron: ASTM A48	Heads	TX1.5–3	Cast Iron: ASTM A48
			TX4 & TXDI2-4	Ductile Iron: ASTM 536
Relief Valve Cover	Cast Iron: ASTM A48	Relief Valve Cover	TX1.5–3	Cast Iron: ASTM A48
			TX4 & TXDI2-4	Ductile Iron: ASTM 536

TXD1220 Sliding Vane Pumps

High-Speed Truck Pumps with Adjustable Relief Valve for Excessive Pressure Protection.

TXD Sliding Vane Pumps

Pumps Utilized for Fast and Quiet Operation, Compatible with All Biodiesel and Ethanol Blends.

SLIDING VANE PUMPS
X SERIES BLACKMER





X1 Sliding Vane Pumps and X 2-4 Inch Sliding Vane Pumps		
Available Models	Long Coupled: XB1, XB1P Flanged Motor: XF1, XF1P	X2 / Xh2 / X2.5 / XH2.5 / X3 / Xh3 / X4 / Xh4
Nominal Flow Rate Range	XB1 & XF1: 9 gpm (34 L/min) XB1P & XF1P: 14 gpm (53 L/min)	X(H)2: 10 - 82 gpm (38 - 311 L/min) X(H)2.5: 20 - 148 gpm (76 - 562 L/min) X(H)3: 60 - 270 gpm (227 - 1,022 L/min) X(H)4: 220 - 528 gpm (833 - 2,000 L/min)
Viscosity	0.2 - 20 cP	0.2 - 4,250 cP
Connection Orientation	Side Inlet | Side Outlet	X: Side Inlet | Top Outlet XH: Side Inlet | Side Outlet
Temperature	-25°F to 240°F (-32°C to 115°C)	-25°F to 300°F (-32°C to 148°C)
Differential Pressure	125 psi (8.6 bar)	
Maximum Working Pressure (MAWP)	350 psi (24.1 bar)	175 psi (12.1 bar)
Primary Materials of Construction	Ductile Iron	X: Cast Iron XH: Ductile Iron
Vane Materials	Duravane	Duravane / EC Laminate / Bronze / Iron
Min/Max Speed (RPM)	950 - 1,750	X(H)2: 70 - 780 X(H)2.5: 70 - 780 X(H)3: 70 - 640 X(H)4: 70 - 520
Available Certificates	Hydrostatic / Test Performance / Test NPSH / Test Material (actual or typical) / Dimensional (pump only or unit)	
Catalog Options		Connections: NPT, Weld, ANSI Flange Elastomers: BUNA, FKM, PTFE Seal: Blackmer single mechanical

Materials of Construction

X1 Sliding Vane Pumps		X 2-4 Sliding Vane Pumps		
Pressure Parts	Material	Parts	Models	Materials
Cylinder, Head	Ductile Iron: ASTM 536	Cylinder, Relief Cover Valve	X2, 2.5, 3	Cast Iron: ASTM A48
Bearing Cover	Cast Iron: ASTM 48		X4 and all XH	Ductile Iron: ASTM 536
Locknut and Lockwasher	Steel	Head	X(H)2, 2.5, 3	Cast Iron: ASTM A48
Rotor	Ductile Iron: ASTM 536		X4, Xh4	Ductile Iron: ASTM 536
Shaft	High Strength Steel	Bearing Covers	X(H)2, 2.5, 3	Steel
Relief Valve (R/V)	Steel		X(H)4	Cast Iron: ASTM A48
Relief Valve Cover	Steel: ASTM 108	Locknut and Lockwasher	X2.5, XH2.5, X3, Xh3 Only	Steel
Relief Valve Spring	Nickel Plated Steel	Rotor & Shaft	All Models	Ductile Iron: ASTM 536
		Shaft	All Models	High Strength Steel

X Series Sliding Vane Pumps

The X Series pumps are self-priming, and the self-adjusting vanes help maintain this capability. These vane pumps handle clean, non-corrosive industrial liquids, and petroleum products including many types of oils, solvents and thinners.

SLIDING VANE PUMPS XL SERIES BLACKMER





XL High-Speed Sliding Vane Pumps and XL 2-4 Inch Sliding Vane Pumps		
Available Models	XRL(F)1.25 / XL(F)1.25 / XL(F)1.5	XI2 / XI3 / XI4
Nominal Flow Rate Range	XRL(F)1.25: 4 - 17 gpm (15 - 64 L/min) XL(F)1.25: 4 - 23 gpm (15 - 87 L/min) XL(F)1.5: 7 - 35 gpm (35 - 132 L/min)	XL2: 14 - 95 gpm (53 - 359 L/min) XL3: 24 - 192 gpm (192 - 726 L/min) XL4: 104 - 345 gpm (394 - 1,306 L/min)
Viscosity	0.2 - 4,250 cP	
Connection Orientation	Side Inlet | Side Outlet	Side Inlet | Top Outlet
Temperature	-25°F to 300°F (-32°C to 149°C)	
Differential Pressure	150 psi (10.3 bar)	
Maximum Working Pressure (MAWP)	350 psi (24.1 bar)	
Primary Materials of Construction	Ductile Iron	
Vane Materials	Duravane / EC Laminate	Duravane / EC Laminate / EC Cast Iron
Min/Max Speed (RPM)	100 - 1,800	XL2, XL3: 125 - 780 XL4: 125 - 640
Available Certificates	Hydrostatic / Test Performance / Test NPSH / Test Material (actual or typical) / Dimensional (pump only or unit)	

Materials of Construction

XL High-Speed Sliding Vane Pumps		XL 2-4 Inch Sliding Vane Pumps		
Parts	Material	Parts	Models	Materials
Casing, Heads, Relief Valve Cover	Ductile Iron: ASTM 536	Casing, Heads, Relief Valve Cover	All XL Models	Ductile Iron: ASTM 536
Discs, Bearing Covers, Liner	Cast Iron: ASTM A48	Liner	XL2, XI3	Ductile Iron: ASTM 536
			XI4	Cast Iron: ASTM A48

XL Sliding Vane Pumps

Designed for use in refineries, lube oil plants and general industry for processing, filling and transfer applications, the shock-resistant, ductile iron XL Sliding Vane Pumps are available in five sizes ranging from 1-1/4 to 4-in. All models are fitted with a replaceable vanes, liners and end discs that allow easy rebuilding of the vane pump to like new condition, without removing the pump from the piping. These vane pumps are built to handle a wide variety of corrosive or caustic fluids.

SLIDING VANE PUMPS NP AND SX SERIES BLACKMER





NP Series Sliding Vane Pumps and SX Series Sliding Vane Pumps		
Available Models	NP1.5 / Np2 / NP(H)2 / NP2.5 / NP(H)2.5 Np3 / NP(H)3 / Np4 / NP(H)4	Sx3
Nominal Flow Rate Range	1.5": 2 - 47 gpm (8 - 178 L/min) 2": 10 - 77 gpm (38 - 291 L/min) 2.5": 20 - 136 gpm (76 - 515 L/min) 3": 60 - 276 gpm (227 - 1,045 L/min) 4": 220 - 525 gpm (833 - 1,985 L/min)	55 - 250 gpm (208 - 946 L/min)
Viscosity	0.2 - 4,250 cP - Closed Rotor 0.2 - 22,000 cP - Open Rotor	0.2 - 4,250 cP
Connection Orientation	NP: Side Inlet | Top Outlet NPH: Side Inlet | Side Outlet	Side Inlet | Top Outlet
Temperature	-25°F to 500°F (-32°C to 260°C)	-25°F to 240°F (-32°C to 115°C)
Differential Pressure	125 psi (8.6 bar) - Closed Rotor 200 psi (13.8 bar) - Open Rotor	125 psi (8.6 bar)
Maximum Working Pressure (MAWP)	225 psi (15.5 bar)	175 psi (12.1 bar)
Primary Materials of Construction	NP: Cast Iron NPH: Ductile Iron	Stainless Steel
Vane Materials	Duravane / EC Laminate / Bronze / Iron	Duravane
Min/Max Speed (RPM)	1.5" - 3 ": 70 - 640 4": 70 - 520	250 - 800
Available Certificates	Hydrostatic / Test Performance / Test NPSH / Test Material (actual or typical) / Dimensional (pump only or unit)	
Catalog Options	Heating Jackets: steam, oil, electric Connections: NPT, Weld, ANSI Flange Elastomers: BUNA, FKM, PTFE Seal: mechanical, packed, triple lip	

Materials of Construction

NP Series Sliding Vane Pumps			SX Series Sliding Vane Pumps		
Pressure Parts	Pump Models	Material	Parts	Models	Materials
Cylinder	NP1.5" – 3"	Cast Iron: ASTM A48	Cylinder, Heads	SX Series	316 Stainless Steel: ASTM A743, CF-8M
	NP4" & NPH2"-4"	Ductile Iron: ASTM 536			
Heads	NP1.5"	Cast Iron: ASTM A48	Relief Value Cover	SX Series	316 Stainless Steel: ASTM A743, CF-8M
	NP(H)2"-4"	Ductile Iron: ASTM 536			
Packing Follower	NP1.5"	Cast Iron: ASTM A48			
	NP(H)2" - 4"	Ductile Iron: ASTM 536			
Bearing Covers	NP1.5"	Cast Iron: ASTM A48			
	NP(H)2" - 4"	Steel			
Relief Valve	NP(H)1.5" - 3"	Cast Iron: ASTM A48			
Cover	NP(H)4"	Ductile Iron: ASTM 536			

SLIDING VANE PUMPS MAGNES AND SMVP SERIES BLACKMER





MAGNES Series Sliding Vane Magnetic Drive Pumps and SMVP Series Sliding Vane Pumps		
Available Models	MI3 MS3 MI4 Ms4	SMVP15 / SMVP30 / SMVP50 SMVP100 / SMVP200 / SMVP300
Nominal Flow Rate Range	MI3 & MS3: 75 - 260 gpm (284 - 984 L/min) MI4 & MS4: 200 - 520 gpm (757 - 1,968 L/min)	SMVP15: 1 - 17 gpm (4 - 62 L/min) SMVP30: 6 - 37 gpm (23 - 142 L/min) SMVP50: 1 - 66 gpm (4 - 251 L/min) SMVP100: 10 - 110 gpm (38 - 416 L/min) SMVP200: 55 - 215 gpm (208 - 813 L/min) SMVP300: 110 - 340 gpm (416 - 1,287 L/min)
Viscosity	0.2 cP – 500 cP	SMVP15/30: 0.2 - 1,050 cP SMVP50/100: 0.2 - 2,100 cP SMVP200/300: 0.2 - 5,250 cP
Connection Orientation	Ductile Iron (standard): Side Inlet | Top Outlet - 90-deg ported Ductile Iron (optional): Side Inlet | Side Outlet - 180-deg inline ported Stainless (standard): Side Inlet | Top Outlet - 90-deg ported	Side Inlet | Side Outlet
Temperature	-30°F to 240°F (-34°C to 115°C)	-40°F to 200°F (-40°C to 93°C)
Differential Pressure	200 psi (13.8 bar) 660 ft @ 0.7 SG (201 m @ 0.7 SG) 460 ft @ 1.0 SG (140 m @ 1.0 SG) 355 ft @ 1.3 SG (108 m @ 1.3 SG)	SMVP15/30/50/100: 125 psi (8.6 bar) SMVP200/300: 100 psi (6.9 bar)
Maximum Working Pressure (MAWP)	225 psi (15.5 bar)	SMVP15/30/50/100: 175 psi (12.1 bar) SMVP200/300: 150 psi (10.3 bar)
Primary Materials of Construction	MI3: 180-deg inline ported Ductile Iron | 90-deg ported Cast Iron MI4: Ductile Iron MS3 & MS4: Stainless Steel	Stainless Steel, Duplex Stainless
Vane Materials	Duravane / EC Laminate	Duravane
Min/Max Speed (RPM)	MI3 & MS3: <640 RPM MI4 & MS4: <520 RPM	SMVP15/30: 640 - 1750 SMVP50: 420 - 1750 SMVP100: 350 - 1750 SMVP200/300: 420 - 1150
Available Certificates	Hydrostatic / Test Performance / Test NPSH / Test Material (actual or typical) / Dimensional (pump only or unit)	

Materials of Construction

MAGNES Series Sliding Vane Magnetic Drive Pumps				SMVP Series Sliding Vane Pumps		
Pressure Parts	MI3	MI4	MS3, MS4	Parts	Models	Materials
Cylinder	Inline: Ductile Iron, ASTM A536 90-deg: Cast Iron, ASTM A48	Ductile Iron, ASTM A536	17-4 PH Stainless Steel	Cylinder	SMVP15, 30 SMVP50, 100, 200, 300	316 Stainless Steel, ASTM A743, CF-8M Duplex Stainless: ASTM 890-4A
Heads	Ductile Iron, ASTM A536		17-4 PH Stainless Steel			
Containment Shell	PEEK Composite		PEEK Composite	Heads	SMVP Series	316 Stainless Steel, ASTM A743, CF-8M
Magnets	Neodymium Iron Boron		Neodymium Iron Boron			

SLIDING VANE PUMPS SNP SERIES BLACKMER





SNP High-Speed Sliding Vane Pumps and SNP 2-3 Inch Sliding Vane Pumps				
Available Models	SNP1.25 / SNP1.5		SNP2 / SNP2.5 / SNP3	
Nominal Flow Rate Range	SNP1.25: 4 - 14 gpm (15 - 53 L/min) SNP1.5: 8 - 32 gpm (30 - 121 L/min)		SNP2: 12 - 75 gpm (46 - 284 L/min) SNP2.5: 46 - 134 gpm (174 - 507 L/min) SNP3: 90 - 275 gpm (341 - 1,040 L/min)	
Viscosity	0.2 - 6,300 cP			
Connection Orientation	SNP1.25: Side Inlet | Side Outlet SNP1.5: Side Inlet | Top Outlet		SNP2/SNP2.5: Side Inlet | Side Outlet SNP3: Side Inlet | Top Outlet	
Temperature	-25°F to 350°F (-31°C to 177°C)			
Differential Pressure	150 psi (10.3 bar)			
Maximum Working Pressure (MAWP)	200 psi (13.8 bar)			
Primary Materials of Construction	Stainless Steel			
Vane Materials	Duravane / EC Laminate			
Min/Max Speed (RPM)	420 - 1,800		125 - 640	
Available Certificates	Hydrostatic / Test Performance / Test NPSH / Test Material (actual or typical) / Dimensional (pump only or unit)			
Materials of Construction				
SNP High-Speed Sliding Vane Pumps			SNP 2-3 Inch Sliding Vane Pumps	
Parts	Material		Parts	Materials
Cylinder, Heads, Optional Relief Valve	316 Stainless Steel: ASTM A743, CF-8M		Cylinder, Heads, Optional Relief Valve	316 Stainless Steel: ASTM A743, CF-8M

SNP High-Speed Sliding Vane Pumps

High-Speed Stainless-Steel Pumps For Caustic or Corrosive Liquids. Blackmer fully Integrated Unit Assemblies are the pre-engineered and pre-designed drop-in pumping solution. These unit assemblies, include motor, gearbox, baseplate, coupling safety covers, and a SNP 1.5-inch Stainless Steel Sliding Vane Pump. No alignment required with these pre-configured fully Integrated Unit Assemblies as they are ready for immediate drop-in installation.

SNP 2-3 Inch Sliding Vane Pumps

Stainless-Steel Pumps For Caustic or Corrosive Liquids. SNP Series pumps, which are part of the Stainless Line of sliding vane pumps, are capable of meeting these demands because they offer the flexibility needed to handle caustic and corrosive liquids at varying temperatures, pressures and viscosities. This allows them to be used in various loading/unloading and transfer applications, while the stainless-steel construction of the SNP model makes its ideal for handling a variety of corrosive or caustic fluids, which is a crucial consideration in the manufacture and shipping of biodiesel.

SLIDING VANE PUMPS DEF AND STX SERIES BLACKMER





DEF Sliding Vane Pumps and STX Sliding Vane Pumps		
Available Models	STX2-DEF / STX1220-DEF / STX3-DEF / SX1-DEF	STX2 / STX1220 / STX3
Nominal Flow Rate Range	STX2-DEF: 16 - 60 gpm (61 - 227 L/min) STX1220-DEF: 45 - 92 gpm (170 - 348 L/min) STX3-DEF: 80 - 250 gpm (303 - 946 L/min) SX1-DEF: 2 - 10 gpm (8 - 38 L/min)	STX2: 7 - 60 gpm (27 - 227 L/min) STX1220: 45 - 92 gpm (171 - 348 L/min) STX3: 85 - 250 gpm (322 - 946 L/min)
Viscosity	STX2-DEF: 0.2 - 990 cP STX1220-DEF: 0.2 - 22 cP STX3-DEF: 0.2 - 4,250 cP SX1-DEF: 0.2 - 7 cP	STX2: 0.2 - 990 cP STX1220: 0.2 - 22 cP STX3: 0.2 - 4,250 cP
Connection Orientation	STX-DEF: Side Inlet | Top Outlet SX1-DEF: Side Inlet | Side Outlet	Side Inlet | Top Outlet
Temperature	-25°F to 240°F (-32°C to 115°C)	
Differential Pressure	STX-DEF: 125 psi (8.6 bar) SX1-DEF: 25 psi (1.7 bar)	125 psi (8.6 bar)
Maximum Working Pressure (MAWP)	STX-DEF: 175 psi (12.1 bar) SX1-DEF: 50 psi (3.4 bar)	175 psi (12.1 bar)
Primary Materials of Construction	Stainless Steel	
Vane Materials	Duravane	
Min/Max Speed (RPM)	STX2-DEF: 150 - 800 STX1220-DEF: 700 - 1,200 STX3-DEF: 300 - 800 SX1-DEF: 1,450- 1,750	STX2: 150 - 800 STX1220: 700 - 1,200 STX3: 300 - 800
Available Certificates	Hydrostatic / Test Performance / Test NPSH / Test Material (actual or typical) / Dimensional (pump only or unit)	

Materials of Construction

DEF Sliding Vane Pumps		STX Sliding Vane Pumps	
Parts	Material	Parts	Materials
Cylinder, Heads, Relief Valve Cover (SXT models)	316 Stainless Steel: ASTM A743, CF-8M	Cylinder, Heads, Relief Valve Cover	316 Stainless Steel: ASTM A743, CF-8M
Cylinder (SX1)	304 Stainless Steel		
Head (Sx1)	316 Stainless Steel		

DEF Sliding Vane Pumps

Blackmer® STX DEF Series Pumps, which are part of the Stainless Line of sliding vane pumps, meet or exceed all industry specifications for DEF Aqueous Urea Solutions (AUS32), also known as AdBlue®. Made from 316 stainless steel, the pumps are compatible with DEF and feature external ball bearings, non-metallic Duravanes, PTFE elastomers and Blackmer chemical mechanical seals. The design also includes an adjustable relief valve, weld flanges and self-priming capability. The STX3-DEF has a versatile mounting bracket.

STX Sliding Vane Pumps

Stainless-Steel Pumps Designed for Fast Fluid Off-Loading. The STX Series is designed to offer easy maintenance because the internal wear is almost completely limited to the sliding vanes, which can be replaced with ordinary hand tools.

DISPENSING SLIDING VANE PUMPS BLACKMER



Dispensing Sliding Vane Pumps	
Available Models	TXU1.5 / XU2A
Nominal Flow Rate Range	TXU1.5: 10 - 51 gpm XU2A: 10 - 50 gpm
Viscosity	0.2 - 4,250 cP
Connection Orientation	Side Inlet | Top Outlet
Temperature	-25°F to 240°F (-32°C to 115°C)
Differential Pressure	50 psi (3.4 bar)
Maximum Working Pressure (MAWP)	175 psi (12.1 bar)
Primary Materials of Construction	Cast Iron
Vane Materials	Duravane
Min/Max Speed (RPM)	TXU1.5: 200 - 500 UX2A: 70 - 780
Available Certificates	Hydrostatic / Test Performance / Test NPSH / Test Material (actual or typical) / Dimensional (pump only or unit)

Materials of Construction	
Dispensing Sliding Vane Pumps	
Pressure Parts	Material
Cylinder, Heads, Relief Valve Cover	Cast Iron: ASTM A48

Dispensing Sliding Vane Pumps

Power-Operated Pumps for Petroleum Product Dispensing Systems.
Utilized in petroleum dispensing systems, the Blackmer® TXU1.5 and XU2A pumps have been designed to cope with the rigorous needs and certifications required for these applications. Featuring equipment such as external bearing support and internal mechanical seals, these products are ideal for applications where self-priming and dry run capabilities are necessary, or where energy savings are sought out.

These pumps are intended for installation and use in accordance with the Flammable and Combustible Liquids Code, NFPA 30, and the Automotive and Marine Service Station Code, NFPA 30A. The Dispensing pumps are listed under Underwriter’s Laboratories standard UL79, "Power-Operated Pumps for Petroleum Product Dispensing Systems" (Certificate Mh428).

SLIDING VANE PUMPS HAND AND MILITARY SERIES BLACKMER





Sliding Vane Hand Pumps

210A
The rugged 210A has earned a worldwide reputation for durability and longevity. Typical applications include dispensing of light to medium weight cutting oils, solvents and fuels. Available in PA, AT and BR mounting styles.

BRF210A
A transfer model of the F210A, the BRF210A sliding vane hand pump is equipped with a 3/4" X 8' anti-static hose, spout, non-sparking aluminum nozzle, telescoping suction pipe with strainer basket, and flame arresting baffle and vacuum breaker. BRF (FM approved) mounting style that meets OSHA safety guidelines and regulations for handling Class I and Class II flammable and combustible liquids.

F210A
FM approved for handling Class I and Class II flammable and combustible liquids. Available in PA, AT and BR mounting styles.

DPF210A
A dispensing model of the F210A, the DPF210A is equipped with a spout, drip pan, bung adapter, telescoping suction pipe with strainer basket, and flame arresting screen and baffle. DPF (FM approved) mounting style that meets OSHA safety guidelines and regulations for handling Class I and Class II flammable and combustible liquids.

Military Sliding Vane Pumps

Model	Size	Capacity	Discharge Pressure
HXL10	10"	2,020 - 2,500 gpm	0 - 125 psig
HXL8	8"	1,125 - 1,220 gpm	0 - 125 psig
BHXL6 (Bronze)	6"	150 - 750 gpm	0 - 150 psig
BHXL4 (Bronze)	4"	100 - 540 gpm	0 - 150 psig
BXL2 1/2 (Bronze)	2-1/2"	35 - 150 gpm	0 - 200 psig
BXL2 (Bronze)	2"	20 - 80 gpm	0 - 200 psig
BXL1 1/2 (Bronze)	1-1/2"	10 - 55 gpm	0 - 100 psig
BXL1 1/4 (Bronze)	1-1/4"	5 - 40 gpm	0 - 200 psig

Military Sliding Vane Pumps

Durable Sliding Vane Pumps Trusted by Militaries Around the World.
Blackmer® pumps are used onboard military and naval marine vessels around the world. Under the most difficult conditions imaginable, Blackmer pumps supply the world's naval fleets with rock-solid reliability when and where it is needed most. The design and construction of Blackmer military sliding vane pumps have been refined through over seventy years of real-world use. That’s why they boast features you won’t find on other pumps – features that improve performance, reduce maintenance and extend life.

In addition to our sliding vane pumps, Blackmer Centrifugal Pumps are also approved for military use. Centrifugal pumps, which have been specifically designed for high-volume, severe-duty applications, provide offer the widest window of operation off the BEP (Best Efficiency Point) of any conventional centrifugal pump.

RECIPROCATING GAS COMPRESSORS LB SERIES BLACKMER





LB Series Reciprocating Gas Compressors							
Units		LB081, LB082	LB161, LB162	LB361, LB362	LB601, LB602	LB942, LB943	LB082EC
No. of Cylinders		1	2	2	2	2 Double Acting	1
Bore x Stroke, in. (mm)		3.0 x 2.5 (76.2 x 63.5)	3.0 x 2.5 (76.2 x 63.5)	4.0 x 3.0 (102 x 76)	4.625 x 4.0 (117 x 102)	4.625 x 4.0 (117 x 102)	3.0 x 2.5 (76.2 x 63.5)
MAWP, psia (kPa)		350 (2,413)	350 (2,413)	350 (2,413)	350 (2,413)	350 (2,413)	350 (2,413)
Speed, rpm		350 - 825	350 - 825	350 - 825	350 - 825	350 - 825	350 - 825
Piston Displacement	@ 350 rpm, CFM (m^3/hr)	3.58 (6.1)	7.16 (12.2)	15.3 (26)	27.2 (46.3)	52.46 (89.1)	3.58 (6.1)
	@ 825 rpm, CFM (m^3/hr)	8.45 (14.35)	16.9 (28.7)	36 (61.2)	64.2 (109)	125.2 (212)	8.44 (14.3)
Max. Power, BHP (kW)		5 (3.7)	7.5 (5.5)	15 (11)	30 (22)	50 (37)	2 (1,5)
Weight, lb. (kg)		~180 (~82)	~225 (~102)	~365 (~166)	~705 (~320)	~905 (~410)	496 lbs (225)
Inlet/Outlet Connections		0.75" NPT	0.75" NPT	1.25" NPT	*2.00", 1.50", 1.25"	2" 300# ANSI	3/4"

LB080 Series

The LB080 Series reciprocating gas compressors are the smallest models available of the LB Series. These compressors offer a flow rate of 8.45 CFM at 825 rpm and come in the LB081 and LB082 models. The LB080 Series compressors are well suited for portable use, small vessel unloading, and vapor recovery applications.

LB160 Series

Blackmer LB161 and LB162 two-cylinder reciprocating gas compressors feature flow rates of 16.5 CFM at 825 rpm. All LB compressors are equipped with a ductile iron head and cylinders, high-efficiency valves, steel pistons, self-adjusting piston rod seals and other robust features designed for quiet efficient handling of propane, butane, and anhydrous ammonia.

LB360 Series

Part of the LB Series line of oil-free reciprocating gas compressors, Blackmer LB361 and LB362 two-cylinder compressors offer flow rates of 36 CFM at 825 rpm.

LB600 Series

Blackmer LB601 and LB602 two-cylinder compressors offer flow rates of 64.2 CFM at 825 rpm. Even under the most severe service conditions, the LB Series gas compressors offer the best-combined characteristics of sustained high-level performance, energy efficiency, trouble-free operation and low maintenance cost.

LB9400 Series

Equipped with two double-acting cylinders, the LB940 Series compressors, featuring the LB942 and LB943 models, provide high volume fluid transfer and gas compression of propane, butane, and anhydrous ammonia for large applications ranging from barges, ships and railcars.

LB082EC Vapor Recovery Compressor

The UL-listed LB082EC Reciprocating Gas Compressor can play a vital role in every botanical plant oil-extraction system, extracting butane-propane solvent from material columns while producing a closed-loop system in which the butane-propane solvent can be reused in future extraction activities.

GAS GENERATORS





Gas Generators											
Model	Capacity (NG/LPG)	Rated Voltage	Number of phases	Rated current	Type of engine starter	Time of non-stop operation	Noise level	Exterior design	Engine Model	Type of cooling	Operating speed
15/3LM	15/15 kW	400 V	Three-phase	27,2 A	Electric	Round-the-clock	67 dB	Enclosed	LONCIN LC2V90F	Air	2500
15-1/VR	14,5/15 kW	230 V	Single-phase	65,2 A			67 dB		21083	Liquid	2500
15-3/VR	14,5/15 kW	400 V	Three-phase	27,2 A			67 dB		21083		2500
18-1/VR	17/18 kW	230 V	Single-phase	78,3 A			68 dB		21083		2500
18-3/VR	17/18 kW	400 V	Three-phase	32,6 A			68 dB		21083		2500
21-1/VP	20/21 kW	230 V	Single-phase	91,3 A			70 dB		21213		3000
21-3/VR	20/21 kW	400 V	Three-phase	38 A			68 dB		21213		2800
24-3/VR	23/24 kW	400 V	Three-phase	43,5 A			69 dB		21083		2800
28-3/VP	27/28 kW	400 V	Three-phase	50,7 A			70 dB		2106		3000
32-3/VP	30/32 kW	400 V	Three-phase	58 A			70 dB		21213		3000

15/3LM (15 kW)

Air-cooled three-phase generators with a rated capacity of 15 kW are equipped with the Loncin engines. Loncin has been focusing on the production of engines for generators, garden machinery and motorcycles since 1993. Since 2013, Loncin engines have been actively used to equip a number of BMW motorcycle models, which indicates their high quality, reliability and compliance with European standards.

15-1/VR - 24-3/VR (15 kW - 24kW)

The belt driven VR generators are equipped with the liquid-cooled engines. Maintenance and purchase of spare parts will not cause difficulties even in remote regions of the country. The model range includes single-phase and three-phase generators with a rated capacity of 15 to 24 kW.
Engines are adapted for operation on both natural and liquefied gas, while their service life is significantly enhanced.
The generators of the VR series are small-sized and reliable. They can operate around the clock and are used for both backup and main capacity supply of private houses or small enterprises.

28-3/VP (28 kW) and 32-3/VP (32 kW)

The direct driven generators of VP series are equipped with the liquid-cooled engines. The engines are adapted for operation on both natural and liquefied gas. Their service life is significantly enhanced in comparison with gasoline analogues.

REGULATORS REGO LV3403TR, LV4403SR & LV4403TR





Compact First Stage Regulators LV3403TR						
Part Number	Inlet Connection	Outlet Connection	Orifice Size	Factory Delivery Pressure	Bonnet Vent Position	Vapor Capacity kg/hr *
LV3403TR	¼" F. NPT	½" F. NPT	#16 Drill (4.49mm)	0.69 Bar and 3.44 Bar inlet	Over Outlet	32 KG/hr
LV3403TRV9	¼" F. NPT	½" F. NPT	#16 Drill (4.49mm)		Opposite Gauge Port	32 KG/hr
LV3403TR	F. POL	½" F. NPT	#16 Drill (4.49mm)		Over Outlet	32 KG/hr
LV3403TRV9	F. POL	½" F. NPT	#16 Drill (4.49mm)		Opposite Gauge Port	32 KG/hr

High Pressure First Stage Regulators LV4403SR & LV4403TR							
Part Number	Inlet Connection	Outlet Connection	Orifice Size	Factory Delivery Pressure	Adjustment Range	Bonnet Vent Position	Vapor Capacity kg/hr ****
LV4403SR4	½" F. NPT	½" F. NPT	¼" (6.25mm)	0.34 Bar @ 3.44 Bar inlet	1-5 PSIG (0.069-0.34 bar)	Over Outlet	53 KG/hr
LV4403SR4VI						Over Inlet	
LV4403TR4				0.69 Bar @ 3.44 Bar inlet	5-10 PSIG (0.34 - 0.69 Bar)	Over Outlet	
LV4403TR4VI						Over Inlet	
LV4403SR9	F. POL	½" F. NPT		0.34 Bar @ 3.44 Bar inlet	1-5 PSIG (0.069-0.34 bar)	Over Outlet	
LV4403TR9		½" F. NPT		0.69 Bar @ 3.44 Bar inlet	5-10 PSIG (0.34 - 0.69 Bar	Over Outlet	
LV4403SR96		¾" F. NPT		0.34 Bar @ 3.44 Bar inlet	1-5 PSIG (0.069-0.34 bar)	Over Outlet	
LV4403SR96VI						Over Inlet	
LV4403TR96				0.69 Bar @ 3.44 Bar inlet	5-10 PSIG (0.34 - 0.69 Bar	Over Outlet	

*Maximum flow based on inlet pressure 20 PSIG(1.4 bar) higher than the regulator setting and delivery pressure 20% lower than the regulator setting and delivery pressure 20% lower than the setting.

Compact First Stage Regulators LV3403TR

Ideal for use as a first stage regulator on any domestic size ASME or DOT container in propane gas installations requiring up to 32 KG/hr. The regulator is factory set to reduce container pressure to an intermediate pressure of approximately 0.69 BARG.

High Pressure First Stage Regulators LV4403SR & LV4403TR

Provides accurate first stage regulation in two-stage bulk tank systems. Reduce tank pressure to an intermediate pressure of 0.34 to 0.69 BARG. Also used to supply high pressure burners for applications like industrial furnaces or boilers. Also incorporated in multiple cylinder installations.

REGULATORS REGO LV4403B SERIES AND LV4403BD SERIES





Low Pressure Second Stage Regulators - Standard Settings LV4403B Series							
Part Number	Inlet Connection	Outlet Connection	Orifice Size	Factory Delivery Pressure	Adjustment Range	Bonnet Vent Position	Vapor Capacity kg/hr ****
LV4403B4*	½" F. NPT	½" F. NPT	#28 Drill (3.57mm)	11" w.c. at 10 PSIG Inlet (27.4 mbar at 0.69 bar)	9" to 13" w.c. (22.4 to 32.3 mbar	Over Inlet	20KG/hr
LV4403B46**	½" F. NPT	¾" F. NPT					
LV4403B46R***	½" F. NPT	¾" F. NPT					
LV4403B66**	¾" F. NPT	¾" F. NPT					
LV4403B66**	¾" F. NPT	¾" F. NPT					
*Available in vent over outlet (VO) and vent at 9 O'clock(V9) **Available in vent over outlet (VO), vent at 3 O'clock(V3) and vent at 9 O'clock(V9) ***Backmount design ****Maximum flow based on 10 PSIG(0.69 bar) inlet and 9" w.c.(22.4 mbar) delivery pressure.							
Dielectric Second Stage Regulators LV4403BD Series							
LV4403B_D	⅜" M Flare ½" M Flare ⅝" M Flare ½" F.NPT ¾" F. NPT	½" F. NPT	# 28 Drill (3.57mm)	11" w.c. at 10 PSIG Inlet (27.4 mbar at 0.69 bar)	9" to 13" w.c. (22.4 to 32.3 mbar)	Over Inlet	20KG/hr
LV4403B_D		¾" F. NPT					
LV4403B_RD*		½" F. NPT					
LV4403B_RD*		¾" F. NPT					
LV4403B_RAD**		¾" F. NPT	# 28 Drill (3.57mm)				21KG/hr
LV4403B_RABD**		¾" F. NPT					
* Backmount Design. ** Right Angle Design *** Right Angle with Bracket ****Maximum flow is based on 10 PSIG (0.69 BARG) inlet and 9" w.c.(22.4 Mbar) delivery pressure.							

Low Pressure Second Stage Regulators - Standard Settings LV4403B Series

Designed to reduce first stage pressure of 0.34 to 1.38 BARG down to burner pressure, normally 11" w.c. Ideal for medium commercial installations, multiple cylinder installations and normal domestic loads

Dielectric Second Stage Regulators LV4403BD Series

RegO's Dielectric second stage regulators are designed to reduce first stage pressure normally 0.69 BARGdown to burner pressure, normally 11" w.c. and are ideal for medium commercial installations, multiple cylinders installations and normal domestic loads. RegO Dielectric second stage regulators are engineered to isolate potential electrical current from metallic piping before entering a building. The use of a separate dielectric union is not necessary because the regulator contains a dielectric union as part of the inlet assembly. Available in both SAE Flare and F.NPT inlet connection.

REGULATORS REGO LV4403B66RA SERIES AND S LV4403H SERIES





Low Pressure Second Stage Regulators LV4403B66RA Series							
Part Number	Inlet Connection	Outlet Connection	Orifice Size	Factory Delivery Pressure	Adjustment Range	Bonnet Vent Position	Vapor Capacity kg/hr ****
LV4403B66RA	¾" F. NPT	¾" F. NPT	3/16" (4.78mm)	11" w.c. at 10 PSIG Inlet (27.4 mbar at 0.69 bar)	9" to 13" w.c. (22.4 to 32.3 mbar)	Over Inlet	21KG/hr
LV4403B66RAB**							
LV4403B66RA9						9 O'clock	
* Maximum flow is based on 10 PSIG (0.69 BARG) inlet and 9" w.c.(22.4 Mbar) delivery pressure. ** Mounting Bracket Included.							
Low Pressure Second Stage Regulators - Special Settings LV4403H Series							
LV4403H222	¼" F.NPT	½" F.NPT	7/32" (5.56mm)	54.7 mbar at 0.69 bar	15-35 w.c. (37.3-87.1 mbar)	Inlet	15 KG/hr
LV4403H414	½" F.NPT		#28 (3.57mm)	34.8 mbar at 0.69 bar	12.5-19 w.c. (31.1-47.3 mbar)		
LV4403H420				49.8 mbar at 0.69 bar	15-35 w.c. (37.3-87.1 mbar)		
LV4403H4614		¾" F.NPT		34.8 mbar at 0.69 bar	12.5-19 w.c. (31.1-47.3 mbar)		
LV4403H4620				49.8 mbar at 0.69 bar	15-35 w.c. (37.3-87.1 mbar)		
LV4403H6614	¾" F.NPT			34.8 mbar at 0.69 bar	12.5-19 w.c. (31.1-47.3 mbar)		
* Maximum flow based on 10 PSIG (0.69 BARG) inlet 20% drop in delivery pressure							

Low Pressure Second Stage Regulators LV4403B66RA Series

Designed to reduce first stage pressure of 5 to 20 PSIG (0.34 to 1.38 BARG) down to burner pressure, normally 11" w.c. Ideal for medium commercial installations, vapor meter installations and normal domestic loads.

Low Pressure Second Stage Regulators - Special Settings LV4403H Series

Designed to reduce first stage pressure of 5 to 10 PSIG (0.34 to 0.69 BARG) down to pressure higher than 11" water column, the actual pressure setting is specified in the table below. These regulators are designed for installations where the appliances require pressures greater than 11 inches w.c.

REGULATORS REGO LV3403B4 SERIES



Compact Second Stage Regulator for LP-Gas LV3403B4 Series							
Part Number	Inlet Connection	Outlet Connection	Orifice Size	Factory Delivery Pressure	Adjustment Range	Bonnet Vent Position	Vapor Capacity kg/hr ****
LV3403B4	½" F. NPT	½" F. NPT	7/32" (5.56mm)	11" w.c. at 10 PSIG Inlet (27.4 mbar at 0.69 bar)	9" to 13" w.c. (22.4 to 32.3 mbar)	Inlet	9.49KG/hr
LV3403B4V3						3:00	
LV3403B4V0						Outlet	
LV3403B4V9						9:00	
* Maximum flow is based on 10 PSIG (0.69 BARG) inlet and 9" w.c.(22.4 Mbar) delivery pressure.							

Compact Second Stage Regulator for LP-Gas LV3403B4

The LV3403B4 is designed to reduce first stage pressure of 5-20 PSIG (0.34 to 1.38 BARG) down to burner pressure normally 11" w.c. Designed as a second stage regulator for smaller applications with flow requirements up to 450,000 BTU's/hr, they are ideal for homes, mobile homes, and cottages.

REGULATORS REGO LV4403YD SERIES



Dielectric Second Stage Regulators LV4403YD Series							
Part Number	Inlet Connection	Outlet Connection	Orifice Size	Factory Delivery Pressure	Adjustment Range	Bonnet Vent Position	Vapor Capacity kg/hr Propane**
LV4403Y1D	½" M. Flare	½" F. NPT	¼" (6.25mm)	2 PSIG @ 10 PSIG Inlet (0.14 mbar at 0.69 bar)	1.6-2.2 PSIG (0.110-0.151 bar)	Over Inlet	21 KG/hr
LV4403Y3D	⅜" M. Flare						
LV4403Y5D	⅝" M. Flare						
LV4403Y16D	½" M. Flare	¾" F. NPT					
LV4403Y16RD*							
LV4403Y36D	⅜" M. Flare						
LV4403Y36RD*							
LV4403Y56D	⅝" M. Flare						
LV4403Y56RD*							
LV4403Y4D	½" F. NPT	½" F. NPT					
LV4403Y66D	¾" F. NPT	¾" F. NPT					
LV4403Y46RD	½" F. NPT						
LV4403Y66RD	¾" F. NPT*						

*Backmount design
*Maximum flow is based on 10 PSIG (0.69 BARG) inlet pressure and 1.5 PSIG (0.10 BARG) delivery pressure.

Dielectric Second Stage Regulators LV4403YD Series

Designed to reduce first stage pressure of 10 PSIG down to 2 PSIG. A line pressure regulator is required downstream to reduce the 2 PSIG to a nominal 11" w.c.
RegO Dielectric second stage regulators for 2 PSI systems are engineered to isolate potential electrical current from metallic piping before entering a building. The use of a separate dielectric union is not necessary because the regulator contains a dielectric union as part of the inlet assembly. Available in both SAE Flare and F.NPT inlet connection.

REGULATORS REGO LV5503YD SERIES AND LV5503G4 SERIES





Dielectric Second Stage Regulators LV5503YD Series							
Part Number	Inlet Connection	Outlet Connection	Orifice Size	Factory Delivery Pressure	Adjustment Range	Bonnet Vent Position	Vapor Capacity kg/hr Propane**
LV5503Y16D	½" M. Flare	¾" F.NPT	1/4" (6.25mm)	2 PSIG @ 10 PSIG Inlet (0.138 bar at 0.69 bar)	1.6-2.2 PSIG (0.110-0.151 bar)	Over Inlet	46,42 KG/hr
LV5503Y18D		1" F.NPT	9/32" (7.14mm)				
LV5503Y56D	⅝" M. Flare	¾" F.NPT					
LV5503Y58D		1" F.NPT					
LV5503Y4D	½" F. NPT	¾" F.NPT	1/4" (6.25mm)				
LV5503Y6D	¾" F. NPT	¾" F.NPT					
LV5503Y8D		1" F.NPT	9/32" (7.14mm)				
*Maximum flow is based on 10 PSIG inlet pressure and 1.5 PSIG delivery pressure.							

Low Pressure Second Stage Tobacco Barn Regulator LV5503G4 Series							
Part Number	Inlet Connection	Outlet Connection	Orifice Size	Factory Delivery Pressure	Adjustment Range	Bonnet Vent Position	Vapor Capacity kg/hr Propane**
LV5503G4	½" F. NPT	¾" F.NPT	1/4" (6.25mm)	15" w.c. @ 15 PSIG Inlet (37.32mbar @ 1.03 bar)	8" - 18" w.c. (19.91-44.79 mbar)	Above Inlet	36,92 KG/hr
*Maximum flow is based on 15 PSIG (1.03 BARG) inlet pressure and 13" w.c.(32.3 Mbar) delivery pressure.							

Dielectric Second Stage Regulators LV5503YD Series

Designed to reduce first stage pressure of 10 PSIG down to 2 PSIG. A line pressure regulator is required downstream to reduce the 2 PSIG to a nominal 11" w.c.
RegO Dielectric second stage regulators for 2 PSI systems are engineered to isolate potential electrical current from metallic piping before entering a building. The use of a separate dielectric union is not necessary because the regulator contains a dielectric union as part of the inlet assembly. Available in both SAE Flare and F.NPT inlet connection.

Low Pressure Second Stage Tobacco Barn Regulator LV5503G4 Series

Especially developed for drying barns in the tobacco industry. The LV5503G4 regulator will supply a steady and constant flow of fuel to as many as 12 to 20 burners throughout the barn.

REGULATORS REGO 7525B SERIES, LV404B4 & LV404B9 SERIES





Twin Stage Automatic Changeover Regulators 7525B Series					
Automatic Changeover Regulator	Inlet	Outlet	Pigtails	Bracket	Vapor Capacity kg/hr Propane*
7525B34	¼" Inverted Flare	½" F.NPT	912FA20	2302-31	8.4 KG/hr
7525B34			912FS20		
7525B4			912FA20	2503-22	9.49 KG/hr
7525B4			912FS20		
*Maximum flow is based on 25 PSIG (1.72 BARG) inlet pressure and 9" w.c. (22.4 mbar)					

Twin Stage Regulators LV404B4 and LV404B9 Series									
Part Number	Inlet Connection	Outlet Connection	Orifice Size	Factory Delivery Pressure	Adjustment Range	Bonnet Vent Position 1st Stage	Bonnet Vent Position 2nd Stage	Vapor Capacity kg/hr Propane*	Accessories: 1st Stage Vent Pipe-Away
LV404B4	¼" F. NPT	½" F. NPT	3/16" (4.78mm)	11" w.c. at 100 PSIG Inlet (27.4 mbar at 6.9 bar)	9" to 13"w.c. (22.4 to 32.3 mbar)	Down	Over Outlet	13 KG/hr	404PE
LV404B4V9						9 o'clock	9 o'clock		
LV404B46		¾" F. NPT				Down	Over Outlet		
LV404B46V9						9 o'clock	9 o'clock		
LV404B9	F. POL	½" F. NPT				Down	Over Outlet		
LV404B9V9						9 o'clock	9 o'clock		
LV404B96		¾" F. NPT				Down	Over Outlet		
LV404B96V9						9 o'clock	9 o'clock		
*Maximum flow is based on 25 PSIG (1.72 BARG) inlet pressure and 9" w.c. (22.4 mbar)									

Twin Stage Automatic Changeover Regulators 7525B Series

These combination automatic changeover, two stage regulators are especially suitable for homes, mobile homes, cottages, construction and other portable two cylinder installations. Empty containers may be replaced without interrupting customer's gas service.

Twin Stage Regulators LV404B4 and LV404B9 Series

Compact two-stage regulator is designed to reduce container pressure down to 11" w.c. delivery pressure. It is ideal for "on-site" cylinder applications, mobile homes and average domestic service including small ASME and 100 to 420 pound DOT cylinders.

REGULATORS REGO S LV404B34 & LV404B39 SERIES AND LV404H SERIES





Compact Twin Stage Regulators for LP-Gas LV404B34 & LV404B39 Series

Part Number	Inlet Connection	Outlet Connection	Orifice Size	Factory Delivery Pressure	Adjustment Range	Bonnet Vent Position 1st Stage**	Bonnet Vent Position 2nd Stage**	Vapor Capacity kg/hr Propane*
LV404B4	¼" F. NPT	½" F. NPT	7/32" (5.56mm)	11" w.c. at 100 PSIG Inlet (27.4 mbar at 6.9 bar)	9" to 13"w.c. (22.4 to 32.3 mbar)	Rear	Outlet	9.49 KG/hr
LV404B4V9	F.POL							
LV404B46	¼" F. NPT					Left	9:00	
LV404B46V9	F.POL							

*Maximum flow is based on 25 PSIG (1.72 BARG) inlet pressure and 9" w.c. (22.4 mbar)
** Other vent positions available upon request

Low Pressure Twin Stage Regulators - Special Settings LV404H Series

Part Number	Inlet Connection	Outlet Connection	Orifice Size	Factory Delivery Pressure	Adjustment Range	Bonnet Vent Position 1st Stage	Bonnet Vent Position 2nd Stage	Vapor Capacity kg/hr Propane*	Accessories 1st Stage Vent Pipe-Away
LV404H415	¼" F. NPT	½" F. NPT	3/16" (4.78mm)	15" w.c. @ 100 PSIG Inlet (37.32mbar @ 1.03 bar)	11 - 17.5" w.c. (27.4 - 43.5 mbar)	Rear	Over Outlet	13 KG/hr	404PE
LV404H420				20" w.c. @ 100 PSIG Inlet (49.8 mbar @ 1.03 bar)	13" - 41" w.c. (32.3-102 mbar)				
LV404H440				40" w.c. @ 100 PSIG Inlet (99.5 mbar @ 1.03 bar)	30" - 60" w.c. (74.6 - 149.3 mbar)				
LV404H440V9						9 o'clock	9 o'clock		
LV404H4620		¾" F. NPT		20" w.c. @ 100 PSIG Inlet (49.8 mbar @ 1.03 bar)	13" - 41" w.c. (32.3-102 mbar)	Rear	Over Outlet		

*Maximum flow is based on 25 PSIG (1.72 BARG) inlet 20% drop in delivery pressure.

Compact Twin Stage Regulators for LP-Gas LV404B34 & LV404B39 Series

The compact twin-stage regulator is designed to reduce container pressure down to 11" w.c. delivery pressure. It is ideal for "on site" container applications such as homes, mobile homes and cottages for average domestic service; including small ASME tanks and 100-420 pound DOT cylinders.

Low Pressure Twin Stage Regulators - Special Settings LV404H Series

This two-stage regulator is designed to reduce container pressure down to pressure higher than 11" water column. The actual pressure setting is specified in the table below. These regulators are designed for installations where the appliances require pressures greater than 11 inches w.c.

REGULATORS REGO S LV404Y9 & LV404Y39 SERIES AND 5807, 5808, 5820, 5824 SERIES





2 PSIG Delivery Pressure Twin-Stage Regulators LV404Y9 & Compact LV404Y39

Part Number	Inlet Connection	Outlet Connection	Orifice Size	Factory Delivery Pressure	Adjustment Range	Bonnet Vent Position 1st Stage	Bonnet Vent Position 2nd Stage	Vapor Capacity kg/hr Propane*
LV404Y39	F.POL (CGA 510)	½" F. NPT	7/32" (5.56mm)	2 PSIG @ 100 PSIG Inlet (0.14 bar at 6.9 bar)	1.8-2.5 PSIG (0.12-0.17 bar)	Down	Outlet	12.66 KG/hr
LV404Y9								16.88 KG/hr

*Maximum flow is based on 25 PSIG (1.72 BARG) inlet pressure and 1.5 PSIG (0.10 BARG) delivery pressure.

LV404Y9 Two Stage Regulator Outfits 5807, 5808, 5820 Series

Kit Number	1st Stage Regulator Included		2nd Stage Regulator Included		Bracket Included	Pigtail Included	Vapor Capacity kg/hr Propane*
	Part Number	Inlet x Outlet Female	Part Number	Inlet x Outlet F. NPT			
5807	**LV4403TR9**	F.POL x ½" NPT	**LV4403B4**	½" x ½"	2503-22	**913PS12**	20 KG/hr
5808			**LV4403B46R**	½" x ¾"	Not Required		
5820	**LV4403TR96**	F.POL x ¾" NPT	**LV4403B66R**	¾" x ¾"			

First Stage Regulator Outfit 5824 Series

Kit Number	First Stage Regulator Included	Inlet	Outlet F. NPT	Hogtails Included	Vapor Capacity kg/hr Propane
5824	LV4403TR9	F.POL	½"	913PS12	53 KG/hr

2 PSIG Delivery Pressure Twin-Stage Regulators LV404Y9 & Compact LV404Y39

SPECIAL 2 PSIG (0.14 BARG) DELIVERY pressure twin stage regulator is designed to reduce container pressure down to 2 PSIG (0.14 BARG). A line pressure regulator is required downstream to reduce the 2 PSIG (0.14 BARG) to a nominal 11" w.c.

Two Stage Regulator Outfits 5807, 5808, 5820 Series

These outfits contain the equipment required to provide two-stage regulation.

First Stage Regulator Outfit

This outfit contains the equipment required to provide first stage regulation.

REGULATORS REGO 5828 & 5832 SERIES, 5726B34, 5727B34, 5754B4, 5755B4 AND 302 SERIES





Twin Stage Regulator Outfits 5828 and 5832					
Kit Number	Twin Stage Regulator Included	Inlet	Outlet F. NPT	Pigtails Included	Vapor Capacity kg/hr Propane*
5828	LV404B4	¼" F.NPT	½"	912JS12	12.66 KG/hr
5829				912JS20	
5839	LV404B9V9	F. POL		912PS12	
5832	LV404B34V9	¼" F.NPT		912JS12	9.49 KG/hr
5833				912JS20	

Automatic Changeover Regulator Outfits 5726B34, 5727B34, 5754B4, 5755B4						
Kit Number	Automatic Changeover Regulator Included	Inlet	Outlet F. NPT	Pigtails Included-2	Bracket Included	Vapor Capacity kg/hr Propane
5726B34	7525B34	¼" Inverted Flare	½"	912FA20	2302-31	8.4 KG/hr
5727B34	7525B34			912FS20		
5754B4	7525B4			912FA20	2503-22	9.49 KG/hr
5755B4	7525B4			912FS20		

Compact Regulators 302 Series								
Part Number	Type	Inlet Connection	Outlet Connection	Orifice Size	Factory Delivery Pressure	Adjustment Range	Bonnet Vent Position	Vapor Capacity kg/hr Propane*
302	Single Stage	¼" F. NPT	3/8" F. NPT	#50 Drill (1.77mm)	11" w.c. at 100 PSIG Inlet (27.4 mbar at 6.9 bar)	9" to 13" w.c. (22.4 to 32.3 mbar)	Small Vent Above Inlet	2.6 KG/hr
302V		¼" F. NPT					Drip Lip Above Inlet	
302V9		¼" F. NPT					Drip Lip at 9 o'clock	
302V9LS		Soft POL w/o orifice						

*Maximum flow is based on 25 PSIG (1.72 BARG) inlet pressure and 9" w.c. delivery pressure.

Twin Stage Regulator Outfits 5828 and 5832

This outfit contains the equipment required to provide twin-stage regulation.

Automatic Changeover Regulator Outfits 5726B34, 5727B34, 5754B4, 5755B4

This outfit contains the equipment required to provide twin-stage regulation.

Compact Regulators 302 Series

These compact regulators are designed for smaller outdoor grills and fish cookers. It is intended for use on small portable appliances that use 100,000 BTU's/hr. or less. It may not be used on fixed pipe systems per NFPA 58, 1995 edition.

REGULATORS REGO 597F SERIES AND 1580V & AA1580V SERIES





High Pressure Industrial / Commercial Pounds-to-Pounds Regulators 597F Series

Part Number	Adjustment Method	Inlet Connection	Outlet Connection	Adjustment Range	Capacity Determined at Set Pressure of PSIG*	Vapor Capacity kg/hr Propane**
597FA	Tee Handle	¼" NPT	¼" NPT	1 to 15 PSIG (0.07 to 1.0 bar)	10 PSIG (0.7 bar)	37 KG.hr
597FB				10 to 30 PSIG (0.69 to 2.0 bar)	20 PSIG (1.4 bar)	63 KG.hr
597FC				20 to 45 PSIG (1.4 to 3.1 bar)	30 PSIG (2.0 bar)	74 KG.hr
597FD				40 to 100 PSIG (2.75 to 6.9 bar)	40 PSIG (2.75 bar)	95 KG.hr

* Set pressure established at 100 PSIG(6.9 BARG) inlet and a flow of 250,000 BTU/hr.
** Capacity determined at actual delivery pressure 20% less than set pressure with inlet pressure 20 PSIG higher than the set pressure.
NOTE: Care must be taken to prevent re-liquification of propane at normal temperatures by heat tracing or other effective means. Use of a relief valve upstream or downstream of these regulators is recommended in accordance with NFPA 58.

High Pressure Industrial / Commercial Pounds-to-Pounds Regulators 1580V and AA1580V Series

Part Number	Service	Adjustment Method	Inlet & Outlet Connections	Recommended Delivery Pressure Range (PSIG)	A Width	B Height (max.)	Capacity Determined at Set Pressure of PSIG*	Vapor Capacity kg/hr Propane**
1584VN	LP-Gas	Tee Handle	½" F. NPT	3 to 30 PSIG (0.2 to 2.0 bar)	2 15/16"	4 7/8"	20 PSIG (1.4 bar)	148 KG/hr
1584VL				25 to 50 PSIG (1.7 to 3.4 bar)			30 PSIG (2.0 bar)	158 KG/hr
1584VH				45 to 125 PSIG (3.1 to 8.6 bar)			60 PSIG (4.1 bar)	169 KG/hr
1586VN	LP-Gas		¾" F. NPT	3 to 30 PSIG (0.2 to 2.0 bar)	3 ½"	7"	20 PSIG (1.4 bar)	232 KG/hr
1586VL				25 to 50 PSIG (1.7 to 3.4 bar)			30 PSIG (2.0 bar)	253 KG/hr
1586VH				45 to 125 PSIG (3.1 to 8.6 bar)			60 PSIG (4.1 bar)	295 KG/hr
1588VN	LP-Gas		1" F. NPT	3 to 30 PSIG (0.2 to 2.0 bar)			20 PSIG (1.4 bar)	232 KG/hr
1588VL				25 to 50 PSIG (1.7 to 3.4 bar)			30 PSIG (2.0 bar)	253 KG/hr
1588VH				45 to 125 PSIG (3.1 to 8.6 bar)			60 PSIG (4.1 bar)	295 KG/hr

*Set pressure is established with 100 PSIG(6.9 BARG) inlet pressure and a flow of 500,000 BTU/hr.
**Capacity determined at 100 PSIG inlet, set pressure noted on chart at 20% drop.
NOTE: Care must be taken to prevent re-liquification of propane at normal temperatures by heat tracing or other effective means. Use of a relief valve upstream or downstream of these regulators is recommended in accordance with NFPA 58.

High Pressure Industrial / Commercial Pounds-to-Pounds Regulators 597F Series

Designed to reduce propane gas container pressure down to between 3 and 100 PSIG (0.21 and 6.89 BARG). Ideal for liquid or vapor service, they can be used in a variety of applications including salamander heaters, weed burning torches, fish cookers, tar pot heaters, and other industrial type services.

High Pressure Industrial / Commercial Pounds-to-Pounds Regulators 1580V and AA1580V Series

Designed to reduce LP-Gas and anhydrous ammonia container pressures to between 3 and 125 PSIG (0.21 and 8.62 BARG). Precision-built with a multi-million BTU capacity, the 1580V series is perfect for such big, tough jobs as crop dryers, asphalt batch mixing plants, road building "tar wagons", heat treating and other large industrial and commercial loads. It's also ideal as a first stage regulator in large multiple operations. The AA1580V series is ideal for use in anhydrous ammonia applications such as blue print machines and heat treating.

REGULATORS REGO X1584V, X1586V, AND X1588V SERIES



High Pressure / High Temperature Industrial / Commercial Pounds-to-Pounds Regulators X1584V, X1586V, and X1588V Series								
Part Number	Service	Adjustment Method	Width	Height	Inlet & Outlet Connections	Adjustment Range	Capacity Determined at Set Pressure of PSIG*	Vapor Capacity kg/hr Propane**
X1584VN	LP-Gas	Tee Handle	2⅞"	8⅞"	½" F. NPT	3 to 30 PSIG (0.2 to 2.0 bar)	20 PSIG (1.37 bar)	148 KG/hr
X1584VL						25 to 50 PSIG (1.7 to 3.4 bar)	30 PSIG (2.06 bar)	158 KG/hr
X1584VH						45 to 125 PSIG (3.1 to 8.6 bar)	60 PSIG (4.1 bar)	169 KG/hr
X1586VN			3 5/16"	6⅞"	¾" F. NPT	3 to 30 PSIG (0.2 to 2.0 bar)	20 PSIG (1.37 bar)	232 KG/hr
X1586VL						25 to 50 PSIG (1.7 to 3.4 bar)	30 PSIG (2.06 bar)	253 KG/hr
X1586VH						45 to 125 PSIG (3.1 to 8.6 bar)	60 PSIG (4.1 bar)	295 KG/hr
X1588VN					1" F. NPT	3 to 30 PSIG (0.2 to 2.0 bar)	20 PSIG (1.37 bar)	232 KG/hr
X1588VL						25 to 50 PSIG (1.7 to 3.4 bar)	30 PSIG (2.06 bar)	253 KG/hr
X1588VH						45 to 125 PSIG (3.1 to 8.6 bar)	60 PSIG (4.1 bar)	295 KG/hr

* Set pressure is established with 100 PSIG (6.89 BARG) inlet pressure and a flow of 500,000 BTU/hr. propane.
** Capacity determined at 100 PSIG (6.89 BARG) inlet, set pressure noted on chart at 20% drop.
NOTE: Care must be taken to prevent re-liquification of propane at normal temperatures by heat tracing or other effective means. Use of a relief valve upstream or downstream of these regulators is recommended in accordance with NFPA 58.

High Pressure / High Temperature Industrial / Commercial Pounds-to-Pounds Regulators X1584V, X1586V, and X1588V Series

Designed to reduce LP-Gas container pressures to between 3 and 50 PSIG (0.21 and 3.45 BARG). Ideal for crop drying, heat treating, asphalt batch mixing and other large industrial and commercial load application utilizing high temperature LP-Gas or high temperature atmosphere under conditions up to 300ºF. (148ºC) Also ideal as a first stage regulator in large multiple operations.

POL ADAPTERS REGO



POL ADAPTERS REGO

Part Number	Material	A Outlet Thread	B Hex	C Drill	D Overall Length	Vapor at 100 PSIG Inlet (SCFH)	Liquid (GPM)
970	Brass	¼" M. NPT	⅞"	¼"	2 15/32"	-	-
970AX				⅛"		404	1.10
970AXS							
3199W				5/32"	2 7/16"	450	0.95
970AW			1 3/8"	3/16"		-	-
970HT				.040" orifice	2 15/32"	-	-
970S			⅞"			-	-

Note: All nipples incorporate wrench hex section.

970	Hard Nose POL
970AX	Hard Nose POL w/Excess Flow
970AXS	Soft Nose POL w/Excess Flow
3199W	Heavy Duty Hard Nose POL w/Excess Flow
970AW	Soft Nose POL w/Handwheel
970HT	Soft Nose POL w/Handwheel
970S	Soft Nose POL w/60 DMS Orifice

POL Adapters REGO

Provided for installation with first and second stage regulators. All of them have standard ¼" M. NPT threads and are made of brass.

RELIEF VALVES REGO FOR RAILROAD TANK CARS A8890S SERIES





Relief Valves REGO for Railroad Tank Cars A8890S-Series					
Part Number	Seat Material	Set Pressure (PSIG)	Flow Data At 110% of Set Pressure (SCFM Air)	Protective Cap	Rebuild Kit
A8890S-225	Buna-N	225	28,563	8890-54	A8890S-50
A8890S-247		247.5	31,187		
A8890S-280		280.5	34,849		
A8890S-300		300	37,392		
VA8890S-225	Viton B	225	28,563		VA8890S-50
VA8890S-247		247.5	31,187		
VA8890S-280		280.5	34,849		
VA8890S-300		300	37,392		
VSA8890S-225	GFLT-S Viton	225	28,563		VSA8890S-50
VSA8890S-247		247.5	31,187		
VSA8890S-280		280	34,849		
VSA8890S-300		300	37,392		
NA8890S-225	Neoprene	225	28,563		NA8890S-50
NA8890S-247		247.5	31,187		
NA8890S-280		280.5	34,849		
NA8890S-300		300	37,392		
EA8890S-225	EPDM	225	28,563		EA8890S-50
EA8890S-247		247.5	31,187		
EA8890S-280		280.5	34,849		
EA8890S-300		300	37,392		

Materials	
Body	304 Stainless Steel
Stem	17-4 Stainless Steel
Rings	EPDM, Neoprene, Buna-N or Viton
Uppper Stem Guide	Ductile Iron
Seat	304 Stainless Steel
Upper Poppet	304 Stainless Steel
Lower Poppet	304 Stainless Steel
Lower Spring Retainer	Steel
Stem Guide Bushing	Ductile Iron
VSA8890S-247Springs	E Coated Alloy Steel

Relief Valves REGO for Railroad Tank Cars A8890S-Series

Suitable for use on pressurized railroad tank cars with a variety of liquefied gasses including butane butadiene, propane and anhydrous ammonia. RegO invented pop-action relief valves and has manufactured millions of relief valves for LP-gas and anhydrous ammonia.

TANK CAR ANGLE VALVES REGO FOR RAILROAD TANK CARS TA7894P AND A7814 SERIES





Tank Car Angle Valves REGO for Railroad Tank Cars TA7894P and A7814-Series

Part Number	Seat Material	Outlet Connection (F.NPT)	Flow At 1 PSIG (Cv) Pressure Drop*	Accessories		Rebuild Kit
				Hydrostatic Relief Valve	Vent Valve	
TA7894P**	Tank Car Flange	2"	112	SS8001U	TSS3169	TA7894-50
A7814						TA7814-50
EA7814						EA7814-50

* To obtain approximate flow at other than 1 PSIG pressure drop, multiply flow in table by square root of pressure drop.
Example: TA7894P @ 9 PSIG = 112 x √9 = 336 GPM/propane. For Nh_3 flow, multiply propane flow by .90.
**TA7894PB is this valve with brass outlet plug.

Materials

Body	Ductile Iron
"V"-Rings	Teflon
O-Ring	Synthetic Rubber
Stem	Stainless Steel
Bonnet	Ductile Iron
Seat Disc	Teflon
Handwheel	Cadmium Plated Ductile Iron

Tank Car Angle Valves REGO for Railroad Tank Cars TA7894P and A7814 Series

Designed especially for transfer of LP-Gas and anhydrous ammonia in pressure car service.
The combined heavyweight ductile iron castings and precision machining provide ruggedness and superior performance in working pressures up to 400 PSIG.

Features

- "V"-ring spring-loaded pressure seal design provides dependable, leak-free operation. No packing to retighten or replace.
- Wiper o-ring eliminates entrance of dirt and grit into stem area that can prohibit smooth operation.
- Heavy duty ACME stem threads give quick action and are hardened for long service life.
- Swivel seat reduces scoring of seat disc and provides positive shut-off.
- Full diameter seat provides greater flow capacity and low pressure drop.
- Plugged ¼" NPT boss on downstream side of valve accommodates vent valve or hydrostatic relief valve.
- Equipped with a malleable iron plug and chain installed in the valve outlet.

NEXT GENERATION RELIEF VALVE REGO A8434F SERIES





Next Generation Relief Valve A8434F-Series					
Part Number	Seat Material	Set Pressure (PSIG)	Flow At 1 PSIG (Cv) Pressure Drop*	Protective Cap	Rebuild Kit
A8434F075 - A8434FA075	Buna-N	75	800	7585-40X	A8434F-50
A8434F165 - A8434FA165		165	2238		
A8434F280 - A8434FA280		280.5	3459		
NA8434F075	Neoprene	75	800		
NA8434F165		165	2238		
NA8434F280		280.5	3459		
VA8434F075	Viton “B”	75	800		VA8434F-50
VA8434F165		165	2238		
VA8434F280		280.5	3459		

Materials	
Body	Stainless Steel
Spring	Stainless Steel
Stem	Stainless Steel
Stem Bushing	17-4PH Stainless Steel

Next Generation Relief Valve A8434F-Series

Designed for use on next generation tank cars.

Features

- Low profile design assures maximum protection against shearing.
- Longer spring size designed to minimize stress cracking.
- Simple to service and rebuild.

REGO PROPANE PACKAGE



REGO ANHYDROUS AMMONIA SHEAR-OFF PACKAGE



EXTERNAL “POP-ACTION” PRESSURE RELIEF VALVES REGO





External “Pop-Action” Pressure Relief Valves for ASME Containers and Bulk Plant Installations AA3126, AA3130, 3131, 3132, 3133, 3135, AA3135, and A3149 Series

Part Number	Start To Discharge Setting PSIG	A Container Connection M. NPT	B Overall Height (Approx.)	C Wrench Hex Section	Flow Capacity SCFM/Air (a)		Accessories			
					UL (At 120% of Set Pressure)	ASME (At 120% of Set Pressure)	Protective Cap	Pipeaway Adapter		Weep Hole Deflector
								Part Number	Outlet Size	
AA3126L030	30	½”	2⅜”	⅞”	(b)	-	9103-54	AA3126-10	½” M. NPT	-
A3149L055	55	2½”	10½”	4⅛”	2608 (c)	-	3149-40	(h)		Included (j)
A3149L200	200				8770 (c)	-				
AA3126L250	250	½”	2⅜”	⅞”	277 (c)	-	9103-54	AA3126-10	½” M. NPT	-
3131G		¾”	3 7/16”	1¾”	2060	1939	3131-41 (g)	3131-10	1” F.NPT	
T3131G			3 23/25”							
AA3130UA250			3 7/16”		2045	1838	11557-110	AA3131-10	1” F.NPT	
W3132G		1”	6 1/32”	2⅜”	3340	-	3132-54 (g)	3132-10	1¼” F. NPT	3133-11
3132G		1¼”			4130	-		-		
T3132G					3790	-		3132-10	1¼” F. NPT	
MV3132G					3995	-		-		
3135G			5 21/32”	2 11/16”	5770	5345	3135-54 (g)	3135-10	2” F. NPT	
AA3135UA250			6 13/32”		6430	6341	AA3135-40PR	AA3135-10		
3133G		1½”	5 15/16”	3⅛”	6080	-	3133-54 (g)	3133-10		
A3149MG		2½”	10½”	4⅛”	10390	-	3149-40	(h)		Included (j)
A3149G						9153				
AA3130UA265	265	¾”	3 7/16”	1¾”	2125	1912	11557-110	AA3131-10	1” F. NPT	-
AA3135UA265		1¼”	6 13/32”	2 11/16”	6703	6615	AA3135-40PR	AA3135-10	2” F. NPT	3133-11
AA3126L312	312	½”	2⅜”	⅞”	330 (c)	-	9103-54	AA3126-10	½” M. NPT	-

(a)Flow rates shown are for bare relief valves. Adapters and pipeaways will reduce flow as discussed in the Foreword section.
(b)Not UL or ASME rated. .059 square inch effective area.
(c) Not UL or ASME rated. RegO rated at 120% of set pressure.
(g)Cap supplied with chain.
(h)Outlet 3½-8N (F) thread, will accept 3” M. NPT pipe thread.
(j) Weep hole deflector is Part No. A3134-11B.

Materials

Description	3131, 3132, 3133, 3135	AA3126 AA3130	AA3135	A3149
Body	Brass	Aluminum Rod*		Upper Cold Rolled Steel Lower Ductile Iron
Liner	None			Stainless Steel
Spring Guide	Brass	Aluminum		Stainless Steel
Spring	Corrosion Resistant Steel	Stainless Steel		Stainless Steel or Coated Steel
Seat Disc	Resilient Synthetic Rubber			

External “Pop-Action” Pressure Relief Valves for ASME Containers and Bulk Plant Installations AA3126, AA3130, 3131, 3132, 3133, 3135, AA3135, and A3149 Series

Designed for use as a primary relief valve on ASME above ground and underground containers, bulk plant installations and skid tanks. The 3131 Series may also be used as a primary or secondary relief valve on DOT cylinders, or as a hydrostatic relief valve. All working components of these relief valves are outside the container connection, so the valves must be protected from physical damage.

SUPPLEMENTARY PRESSURE RELIEF VALVES REGO 3127 AND 3129 SERIES



External “Pop-Action” Supplementary Pressure Relief Valves for Small ASME Containers and DOT Cylinders 3127 and 3129 Series

Part Number	Container Type	Start To Discharge Setting PSIG	A Container Connection M. NPT	B Overall Height (Approx.)	C Wrench Hex Section	Flow Capacity SCFM/Air		Suitable for Tanks w/Surface Area Up To:*	Accessories		
						UL (At 120% of Set Pressure)	RegO Rated at 480 PSIG***		Protective Cap	Pipeaway Adapter	
										Part Number	Outlet Size
3127G	ASME	250	¼”	$1^{31}/_{32}$”	⅞”	295	-	-	9103-54	-	
3129G			½”	$2^{19}/_{32}$”	⅛”	365			3129-40P	3129-10	½” F. NPT
3127K	DOT	375	¼”	$1^{31}/_{32}$”	⅞”	-	450	100 lbs./Propane	9103-54	-	
3129K			½”	$2^{19}/_{32}$”	1⅛”		780	200 lbs./Propane	3129-40P	3129-10	½” F. NPT

* Flow rates shown are for bare relief valves. Adapters and pipeaways will reduce flow as discussed in the Foreword section.
** Not UL or ASME rated. RegO rated at 480 PSIG.
*** Meets DOT requirements.

Materials

Body	Brass
Spring	Stainless Steel
Seat Disc	Resilient Rubber

External “Pop-Action” Supplementary Pressure Relief Valves for Small ASME Containers and DOT Cylinders 3127 and 3129 Series

Designed for use as a supplementary relief valve on small ASME above ground and underground containers. They may also be used as a primary or secondary relief device on DOT cylinders, or as hydrostatic relief valves.
All working components of these relief valves are outside the container connection, so the valves must be protected from physical damage.

Features

- Pop-action” design keeps product loss at a minimum.
- Relief valve designed to automatically reseat firmly after discharge.
- Resilient seat disc provides a “bubble-tight” seal.

TUBE TYPE RADIANT HEATERS SILVERSUN EVO AND SILVERSUN PRO





Radiant Heating Principle

Radiant heating is the heating of a surface by the absorption of rays emanating from another surface. The heating of the Earth by the Sun is the best example to this. Rays that travel for 150 million kilometers from the sun through space and the Earth's atmosphere, hit the Earth's crust and release their energy. Different types of heaters that are designed using this principle are utilized very successfully in various applications that seem very difficult at first instance; such as spaces with high ceilings, large footprints, no thermal insulation, low air circulation or open architecture.

Radiant Tube Heater Working Principle

Radiant Tube Heaters are composed of 4 main elements; Burner (1), Radiant Tube (2), Reflector (3) and Fan (4). The gas that is combusted by the burner at one end is circulated inside the tube via the suction of the fan at the other end, and is discharged at the point of cooling. This way, the gas that travels the length of the tube releases its energy as heat to the tube. Outside surface temperature of the tube reaches 300oC. Radiation from the tube is directed downwards by the reflector placed on top. Rays that are directed without being effected by air streams are converted into heat as they hit objects (equipment, people, floor, etc.) and the heating process is commenced. The feeling of warmth under the sun on a sunny but cold winter day, or a similar feeling of temperature increase when moving from the shade to under the sun on a hot summer day are the best examples to the radiant heating principle.

Advantages of Radiant Systems

- 30-50% more cost efficient compared to Centralized Hot Air Ventilation systems.
- Maintenance costs are very low.
- Electricity consumption is near zero.
- Supply comfortable heating in a very short period.
- Easily assembled in a short amount of time.
- Run dust and noise-free without any air circulation.
- Can be applied on many different places and construction settings.
- Require little space, no furnace room or operators.
- Require no smokestack, is environment-friendly
- Initial cost is low

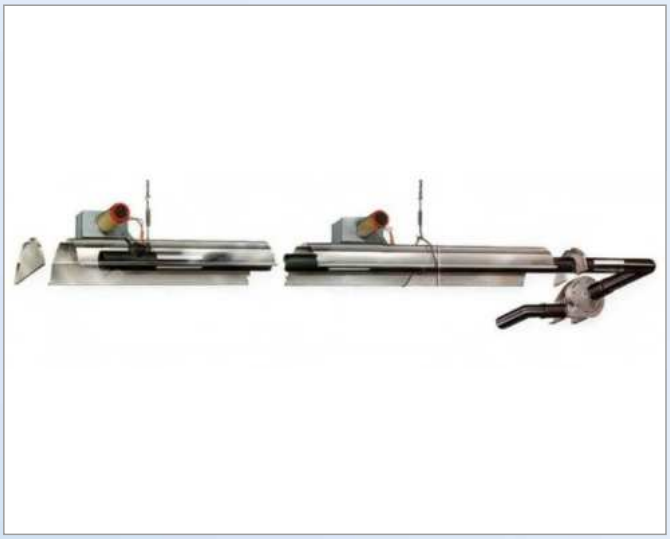
Furnace rooms are comprised of many different equipment with different operating efficiencies. Energy produced in the room is transferred to the desired space via piping.

This intrinsically causes losses in the whole system and a drop in efficiency. A disorder in any one equipment in the furnace room translates to a possible downtime in the whole system. On the other hand, only the specific device is down in the event of a fault with radiant heating, other devices in the system continue operation and the place does not cool.

Use Cases

- Factories
- Aircraft hangars
- Cafes and Restaurants
- Greenhouses
- Workshops
- Exhibition Halls
- Showrooms
- Sports Centers
- Warehouses
- Service Centers
- Animal Farms
- Tennis Courts
- Open Spaces

TUBE TYPE RADIANT HEATERS CO-RAY-VAC AND BLACKHEAT BH





Heating Principle

The gas that is burned by the burner that is at one end is pulled by the vacuum fan at the other end of the system, causing it to travel within the tube and be expelled at the point where it cools down. Thus, the gas which travels inside the radiant tube transfers its heat to the pipe. The external surface temperature of the radiant tube reaches approximately 300 °C. The radiation which begins to issue from the tube is directed downwards by means of the reflector above the tube. The rays which are directed without being affected by the air convert to heat energy the moment they strike objects (people, machinery, floor, etc.), and in this way, heating begins.

Advantages

- 30-50% more energy efficient than Hot Air blower systems.
- They have exceedingly low maintenance costs.
- They consume scarcely any electricity.
- They enable comfortable heating in a very short period of time.
- They are easily and quickly installed.
- They operate dust- and noise free without causing air movement.
- They can be applied on a lot of varied constructions.
- They do not take up space; nor do they require a boiler room or personnel to operate.
- There is no need to build a flue, and they are environmentally friendly.
- They have low investment costs.

Co-Ray-Vac Areas of Use

- Factories
- Bus Terminals
- Loading Areas
- Hangars
- Cafés and Restaurants
- Greenhouses
- Open Spaces
- Workshops
- Showrooms
- Sports Halls
- Warehouses
- Service Stations
- Animal Farms
- Tennis Courts
- Convention Areas
- Mosques

Blackheat BH Areas of Use

- Factories
- Hangars
- Cafés and Restaurants
- Greenhouses
- Workshops
- Convention Areas
- Showrooms
- Sports Halls
- Warehouses
- Service Stations
- Animal Farms
- Tennis Courts
- Open Spaces

TOP-Z MULTI-TURN BASIC AND INTELLIGENT SERIES TUOERPU ELECTRIC ACTUATORS





TOP-Z Multi-turn Basic Series

TOP-Z normal on-off type electric actuator is a new generation of products independently developed by our TUOERPU company on the basis of existing mature products. It has the advantages of high precision, tight structure, high protection grade, beautiful appearance and stable performance. The ingenious structural design can meet the requirements of more different application scenarios, such as humid environments, flammable and easy to bake high and low temperatures (-40-+80°C). The product is suitable for remote opening and closing of simple control valves. Electric actuator only provides passive switch contact, no electrical control system can not be used independently, need to be equipped with valve control box operation.

Performance Feature

• Power supply: conventional AC380V, AC220V (special custom AC415V, AC660V, DC24V)
• Ambient temperature: -20-+60°C (specially customized -40-+80°C)
• Protection level: IP65, IP67, IP68 (customized)
• Structural performance: normal type, explosion-proof type (DIBT4), special customization (DIICT6)
• Output speed: 18R/M, 24R/M, 36R/M, 48R/M, 72R/M
• Insulation class: F class
• Torque limit: simple structure, stable performance, with two-way torque protection in both directions of the switch
• Travel limit: The travel limit mechanism using the principle of decimal counter that with high control accuracy

TOP-Z Multi-turn Intelligent Series

TOP-Z Intelligent electric actuator is a new generation of products independently developed by TUOERPU company, new generation of integrated non-invasive electric actuators on the basis of existing mature products. It has the advantages of high precision, tight structure, high protection grade, beautiful appearance and stable performance. Customizable functions, modular design and other advantages. The product holds menus in Chinese, English, Spanish, German, Russian and other universal languages, and a variety of communication functions can realize the automatic control of industrial pipeline valves in different ways, and can realize the operation data storage function, so as to facilitate the comprehensive management of equipment and automation systems.

Performance Feature

• Power supply: conventional AC380V, AC220V (special custom AC415V, AC660V, DC24V)
• Ambient temperature: -20-+60°C (specially customized -40-+80°C)
• Protection level: IP67, Ip68
• Structural performance: Basic type, anti-type (DIBT4, DIICT4), special customization (DIICT6)
• Output speed: 18R/M, 24R/M, 36R/M, 48R/M, 72R/M
• Insulation class: F class
• Stroke control: The use of absolute encoder, the valve position is not lost, can ensure high precision (accuracy of 0.5%), zero wear, long life, resistance to strong interference, no need battery support
• Infrared controller and knob/button can set working parameters, convenient and practical, can provide multi-language menu, electronic torque display
• Perfect password protection, different customers of operators can be authorized separately, to prevent the wrong setting of parameters caused by actuator failure site
• Input and output signal channels are photoelectric isolated (can withstand 2000V surge voltage impact)
• Status signal real-time search, automatic phase sequence recognition function
• Comprehensive protection and self-diagnosis function, ESD function
• Optional bus control type: MODBUS, PROFIBUS, FF, HART

POWER OFF RESET SERIES TUOERPU ELECTRIC ACTUATORS





TOP-Quarter Turn Power Off Reset Series

The TOP-quarter turn power down reset series electric actuators are used to control 0-90 rotation valve and other similar products, such as butterfly valve, ball valve, air door, plug valves, louver valve, etc. It uses AC220V, AC110, DC12V, DC24V etc. to be the driving source, and the control signal is passive contact normally to control the valve to open and close. Special requirements can use 4-20A current signal, 0-10V voltage signal as the control signal, can make the valve move to the desired position, to achieve its automatic control. The max output torque can be 2000N.m. They can be widely apply to petroleum, chemical industry, electric power, metallurgy, pharmaceutical, papermaking, energy water treatment, ship, textile, food processing, building automation and other fields. Small volume, elegant appearance, unique and compact structure, rapid in opening and closing, easy installation.

Special Performance

Can use in the field use process, sudden emergency failure, in case of external power failure, power down, reset series electric actuator can immediately give the valve a program command, so that the valve continues to work to open or fully closed state to achieve power reset effect, power down full open or fully closed can be set according to requirements before leaving the factory, which greatly meets the protection requirements of each special pipeline.

Performance Feature

- Small volume light weight, easy installation and maintenance, can be installed at any angle
- Simple and compact structure, 90° rotation, rapid in opening and closing
- Small torque in operating, light and handy (Handwheel optional)
- Flow characteristics tending to straight line, good regulation performance
- Multiple control signals, switch control
- The battery capacity 2Ah 5Ah
- Disposable battery is used for DC voltage control type
- The ambient temperature from -20°C to +60°C
- The protection class can reach IP68 (optional)

TOP-Z Multi-turn Power Off Reset Series

This kind electric actuator developed by our company using for oil depots, chemical, natural gas and other gasoline tank inlet and outlet pipelines, with function of emergency cut-off valve, can automatically open or close the valve while power down. When the oil or dangerous goods spill leakage caused by fire resulting in power outage, the operator does not need to go to the field to operate the actuator which can automatically close the valve and effectively prevent the second incident caused by leakage, reduce the property loss on the site, and ensure the safety of the staff.
At the same time obtained two patent certificates issued by the State Intellectual Property Office: (Patent number: ZL2017204255.2/ZL2018 2 0064522.1).

Performance Feature

- Power supply: AC220V
- Protection level: IP67, IP68
- Structural performance: explosion-proof (DIBT4, DIICT4), special customization (DIICT6)
- In case of fire, when the signal of the control system cannot be delivered and the staff cannot operate near the site, the operator can detect the ambient temperature on site. When it exceeds the set value, the valve is close or closed immediately send commands to achieve active defense function
- Users can choose the normal and intelligent type according to the actual working conditions. In addition to the above emergency cut-off function, other functions are the same as those of the optional model.

TOP-NORMAL ON OFF (EX) AND TOP-SUBMERSIBLE SERIES TUOERPU ELECTRIC ACTUATORS





TOP series electric actuator is used to control 0-90° rotating valves and other similar products, such as butterfly ball valve, damper, plug valve, shutter valve, etc. With AC415V, 380V, 240V, 220V110V, DC12V, 24V, 220V AC power supply as the driving power supply, in addition, the actuator can come with reset function, with 4-20mA current signal or 0-10VDC voltage signal as the control signal, the valve can be moved to the desired position to achieve its automatic control, and the maximum output torque is 6000N.m. Can be widely used in petroleum, chemical, electric power, metallurgy, pharmaceutical, paper, energy, water treatment, ship textile, food processing, building automation and other fields. At the same time, it has many advantages such as small size, light weight, beautiful shape, unique structure, compact, quick opening and closing, easy installation, small operating torque, easy operation, digital display valve position, no maintenance, safe and convenient for using.

TOP-Normal On Off (EX) Series

Optional Function

• Can be diving for long time, waterproof reach IP68
• Simple and compact structure, The actuator is charged and with power down reset function, including reset on, reset off, no reset three types(Optional), can be set before leaving the factory
• Operating time can be fast open and slow open

Performance Feature

• Small and light, easy to disassemble and repair, can also be installed in any location
• Simple and compact structure, 90% turning, fast open and close
• Small operating torque, labor-saving and lightweight
• Flow characteristics tend to be straight line, good adjustment performance
• Multiple control signals, on off control
• Proportional (Modulation) control: 0-10VDC or 4-20mA
• Feedback signal output (Optional) 4-20mA auxiliary switch and feedback potentiometer (0-1K)
• Explosion-proof class: DIIBT4, CT6 (optional)

TOP-Submersible Series

Optional Function

The submersible electric actuator can work for a long time in a water depth of nine meters, and the protection level reaches IP68. Submersible series electric actuator is a new type of product specially developed for outdoor environment, it can not only resist the large temperature difference in the outdoors, but also has a strong ability to prevent moisture and waterproofing, can work continuously under 3 meters of water, and the protection level reaches IP68, more effectively prevent water from causing damage to the internal parts of the actuator after entering the connector, and hereby apply for a patent.

Performance Feature

• Small and light, easy to disassemble and repair, can also be installed in any location
• Simple and compact structure, 90% turning, fast open and close
• Small operating torque, labor-saving and lightweight
• Flow characteristics tend to be straight line, good adjustment performance
• Multiple control signals, on off control
• Proportional (Modulation) control: 0-10VDC or 4-20mA
• Feedback signal output (Optional) 4-20mA auxiliary switch and feedback potentiometer (0-1K)

TUO-MT AND TOP-Z MULTITURN INTELLIGENT TUOERPU ELECTRIC ACTUATORS





TUO-MT Series

TOP series electric actuator has the same advantages as others TOP series electric actuators.

Optional Function

• The protection class can reach IP68 (Optional)
• The actuator is charge, with power down reset function, including open resetting, closing resetting and no resetting, factory setting is optional.

Performance Feature

• Small and light, easy to disassemble and repair, can also be installed in any angle
• Simple and compact structure, 90% turning, fast open and close
• Small operating torque, labor-saving and lightweight
• Flow characteristics tend to be straight line, good adjustment performance
• Multiple control signals, on off control
• Proportional (Modulation) control: 0-10VDC or 4-20mA
• Feedback signal output (Optional) 4-20mA auxiliary switch and feedback potentiometer (0-1K)
• Non-invasive type (no need to open the cover for setting parameters).
• With Chinese or English interface LCD display
• Field control button with dual seal and dust protection design, flexible parameter can be setting
• Infrared remote control function, the setting method is the same as field operation
• Explosion-proof class: DIBT4, CT6(Optional)

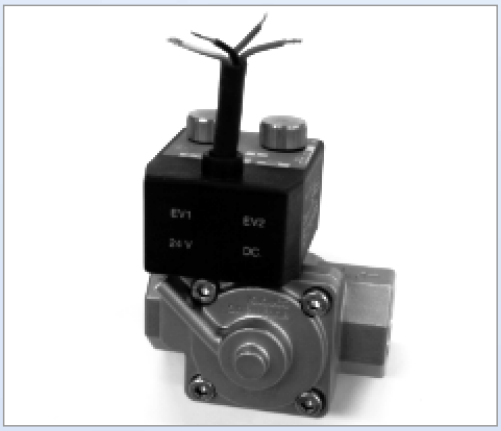
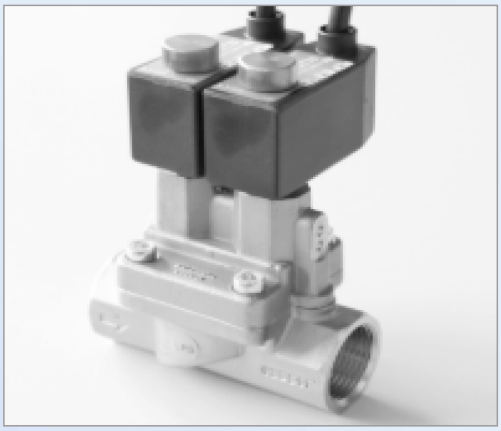
TOP-Z multiturn Intelligent Series

TOP-Z Intelligent electric actuator is a new generation of non-invasive electric actuators independently developed on the normal type product. It has the advantages of high precision, compact structure, high protection level, beautiful appearance, stable performance, customizable functions, modular design and so on. The product holds menus in Chinese, English, Spanish, German, Russian and other universal languages, and a variety of communication functions can realize the automatic control of industrial pipeline valves in different ways, and can realize the operation data storage function, so as to facilitate the comprehensive management of equipment and automation systems.

Performance Feature

• Power supply: AC380V, AC220V, specially customized AC415V, AC660V, DC24V
• Ambient temperature: -20-+60 (special custom -40-+80°C)
• Protection level IP67, IP68
• Structural performance: Basic type, anti-type (DIBT4, DIICT4), special customization (DIICT6)
• Output Speed: 18R/M, 24R/M, 36R/M, 48R/M, 72R/M
• Insulation class F
• Stroke control: The use of absolute encoder, the valve position in not lost, can ensure high precision (accuracy of 0.5%), zero wear, long life, resistance to strong interference, no need battery support
• Infrared controller and knob/button can set working parameters, convenient and practical
• Perfect password protection, different customers or operators can be authorized separately, to prevent the wrong setting of parameters caused by actuator failure site
• Input and output signal channels are photoelectric isolated (can withstand 2000V surge voltage impact)
• Status signal real-time search, electronic torque display, Automatic phase sequence recognition function
• Comprehensive protection and self-diagnosis function, ESD function
• Functional modules customized design: Bluetooth, wireless control, wind-solar complementary
• Optional bus control type: MODBUS, PROFIBUS, FF, HART

SOLENOID VALVES



Solenoid valve 2/2 way NC. single and double stage, G 3/4", G1" in AISI 304-L							
DN, mm.	Connection, R"	Pressure in bar min.-max	Seal	Kv Main valve m³/h	Kv By-pass m³/h	Art. Nr.* Double stage	Art.Nr* Single stage
20	R3/4"	0,4-4	Viton	8	0,22	1222980	1222981
25	R1"	0,4-4	Viton	13	0,22	1222990	1222991
Solenoid valve 2/2 way NC. -LPG, 3/4" in line (GAZ) double stage and single stage 230/19/MG34T							
19	R3/4"	0,3-25	Viton	6,0	0,22	1222569	1222570
Solenoid valve 2/2 way NC. double and single, G1½"							
40	1½"	0,4-4	Viton	15,0	0,22	1202950	
40	1½"	0,4-4	Viton	15,0			1202951
Solenoid valve 2/2 way NC. single and double stage, G3/4", G1"							
20	R3/4"	0,4-4	Viton	10	0,22	1222460	1222461
20	R1"	0,4-4	Viton	13	0,22	1222190	1222191

*Art.Nr. are without coils

Solenoid valve 2/2 way NC. single and double stage, G 3/4", G1" in AISI 304-L

- Valve normally closed, NC
- Valve is quite compact
- Body and cover in stainless steel (304-L)
- Change possibility of inner parts, without taking coils off

Solenoid valve 2/2 way NC. double and single, G1½"

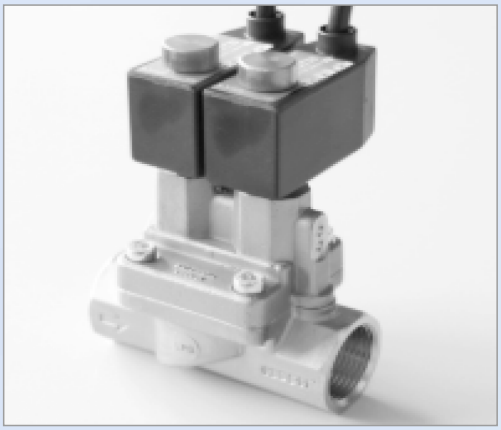
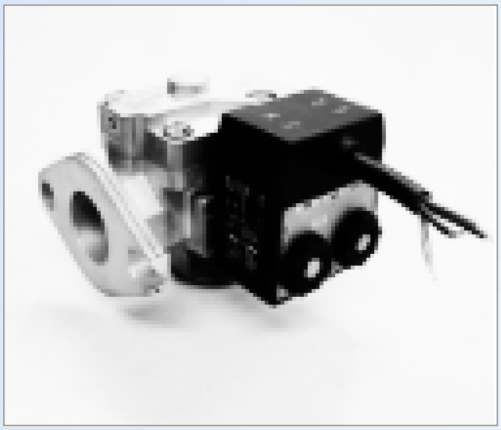
- Valve normally closed, NC
- Combination of a direct assisted and a servo assisted part
- High flow valve (160L/m)

Solenoid valve 2/2 way NC. single and double stage, G3/4", G1"

- Valve normally closed, NC
- Valve is quite compact, the cover is leaned against the body, small sizes
- Change possibility of inner parts, without taking the coils off

SOLENOID VALVES



Solenoid valve 2/2 way NC. Flange Connection single and double stage							
DN, mm.	Connection, R"	Pressure in bar min.-max	Seal	Kv Main valve m³/h	Kv By-pass m³/h	Art. Nr.* Double stage	Art.Nr* Single stage
20	R3/4"	0,4-4	Viton	8	0,22	1223273	1223272
Solenoid valve 2/2 way NC. Single and double stage. Flange connection							
20	Flange	0,4-4	Viton	8,0	0,15	1322891	1322890
Solenoid valve 2/2 way NC. - LPG, G 3/4 NPT in line double stage and single stage							
19	R3/4"	0,3-25	Viton	6,0	0,22	1302889	1302888
Solenoid valve 2/2 way NC. single and double stage "meter leaned"							
19	FL in 1" ext.	0,4-4	Viton	3,8	0,17	1222260	
19	FL in 1" ext.	0,4-4	Viton	3,8	0,17		1222261
*Art.Nr. are without coils							

Solenoid valve 2/2 way NC. Flange Connection single and double stage

• Valve normally closed, NC
• Valve is quite compact, the cover is leaned against the body, small sizes
• Change possibility of inner parts, without taking coils off

Solenoid valve 2/2 way NC. Single and double stage. Flange connection

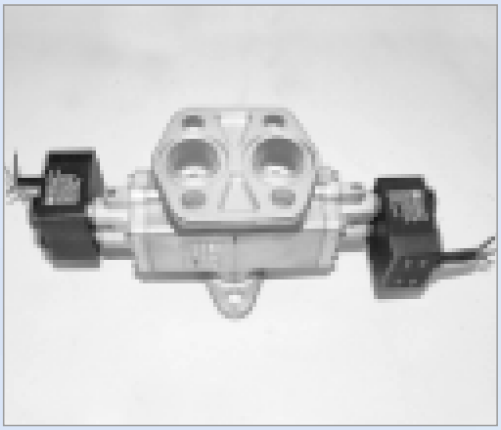
• A dosing valve, specially application in petrol pumps and dispenser
• Valve normally closed NC
• Connection suitable for output of Tokheim, Bennet and Gilbarco meter

Solenoid valve 2/2 way NC. single and double stage "meter leaned"

• Valve normally closed, NC
• Combination of a direct assisted and a servo assisted part a dosing valve, specially application in petrol pumps, and dispenser.
• Special version for Tokheim meters.

SOLENOID VALVES






Solenoid valve 2/2 way NC.single and double stage, G 3/4´´, G1´´							
DN, mm.	Connection, R"	Pressure in bar min.-max	Seal	Kv Main valve m³/h	Kv By-pass m³/h	Art. Nr.* Double stage	Art.Nr* Single stage
20	R3/4"	0,4-4	Viton	8,0	0,15	1222360	1222361
20	R1"	0,4-4	Viton	8,0	0,15	1222395	1222396
Solenoid valve 2/2 way NC. Flange Connection single and double stage.							
20	R3/4"	0,4-4	Viton	8,0	0,15	1223270	1223269
Solenoid valve 2/2 way NC. Flange Connection single and double stage (one pump, two meters)							
20	Flange	0,4-4	Viton	8,0	0,17	1233491	1233490
Solenoid valve 3/2 way NC. Single and double stage (one pump, two meters)							
20	Flange R26	0,4-4	Viton	4,0	0,17	1222491	1222492
20	Flange R G 3/4"	0,4-4	Viton	4,0	0,17	1223491	1223492
*Art.Nr. are without coils							

Solenoid valve 2/2 way NC.single and double stage, G 3/4´´, G1´´
Solenoid valve 2/2 way NC. Flange Connection single and double stage.

- Valve normally closed, NC
- Combination of a direct assisted and a servo assisted part a dosing valve, specially application in petrol pumps, and dispenser.

Solenoid valve 2/2 way NC. Flange Connection single and double stage (one pump, two meters)
Solenoid valve 3/2 way NC. Single and double stage (one pump, two meters)

- 3 way normally closed, NC
- Combination of a direct assisted and servo assisted part
- A dosing valve, specially application with one pumps and 2 meters
- Single or double coils Ex

Mounting Style	Compressor Model	List Price	Approximate. Lb	Kg
CO – COMPRESSOR [1]				
Includes compressor with flywheel, oil pressure gauge, and external oil filter.	**LB081-CO**	$7,690	210	95
	LB082-CO	$10,170	220	100
	LB161-CO	$11,810	240	110
	LB162-CO	$16,790	265	120
	LB361-CO	$15,050	360	165
	LB362-CO	$21,650	390	175
	LB601-CO	$29,990	660	300
	LB602-CO	$39,020	675	305
	LB942-CO	$44,300	850	385
	LB943-CO	$58,320	880	400
LU - LIQUID TRANSFER / VAPOR RECOVERY UNIT [1, 2]				
Includes compressor, pressure gauges, formed steel base, liquid trap assembly with a mechanical float, inlet strainer, 4-way valve, interconnecting piping, V-belt drive with belt guard and adjustable motor slide base, but less motor.	**LB081-LU**	$17,200	475	215
	LB082-LU	$19,600	485	220
	LB161-LU	$21,320	505	230
	LB162-LU	$26,300	520	235
	LB361-LU	$26,541	660	300
	LB362-LU	$33,141	680	310
	LB601-LU	$43,637	1,030	470
	LB602-LU	$52,667	1,045	475
LC - LIQUID TRANSFER / VAPOR RECOVERY UNIT [1, 2]				
Includes compressor, pressure gauges, formed steel base, ASME code liquid trap assembly with a NEMA 7 liquid level switch (790017), trap relief valve and manual drain, inlet strainer, interconnecting piping, 4-way valve, V-belt drive with belt guard and adjustable motor slide base, but less motor.	**LB081-LC**	$24,964	760	345
	LB082-LC	$27,314	770	350
	LB161-LC	$29,084	785	355
	LB162-LC	$34,064	800	360
	LB361-LC	$33,194	910	410
	LB362-LC	$39,794	930	420
	LB601-LC	$48,444	1,290	585
	LB602-LC	$57,474	1,300	590
LW- LIQUID TRANSFER / VAPOR RECOVERY UNIT [1, 2]				
Includes compressor, pressure gauges, structural steel skid, flanged ASME code liquid trap assembly with a NEMA 7 liquid level switch (790017), flanged trap relief valve and flanged manual drain, welded interconnecting piping, flanged 4-way valve, V-belt drive with belt guard and adjustable motor slide base, but less motor.	**LB161-LW**	$44,910	935	425
	LB162-LW	$49,890	950	430
	LB361-LW	$49,750	1,060	480
	LB362-LW	$56,350	1,080	490
	LB601-LW	$68,540	1,440	655
	LB602-LW	$77,570	1,450	660
	LB942-LW	$83,100	1,795	815
	LB943-LW	$97,120	1,825	830

NOTES:

1. Units do not include a discharge relief valve. Select the proper relief valve for the specific application
2. The liquid trap on the TU and LU mounting styles may be fitted with an optional electric float switch. A second switch may be installed on LC, TC, LW and TW styles, if desired. See the Optional Compressor Accessories section.

Std – Standard NA – Not Available CF – Consult Factory $0 – No Cost Option

ALL PRICES ARE SUBJECT TO CHANGE WITHOUT NOTICE

Mounting Style	Compressor Model	List Price	Approximate. LBS	KGS
TU - TRANSFER UNIT [1, 2] Includes compressor, pressure gauges, formed steel base, liquid trap assembly with a mechanical float, V-belt with belt guard and adjustable motor base, but less motor.	**LB081-TU**	$13,820	455	205
	LB082-TU	$16,260	480	220
	LB161-TU	$17,940	495	225
	LB162-TU	$22,920	495	225
	LB361-TU	$22,351	635	290
	LB362-TU	$28,951	655	300
	LB601-TU	$39,407	1,000	455
	LB602-TU	$48,437	1,015	460
TC - TRANSFER UNIT (ASME Code Trap) [1, 2] Includes compressor, pressure gauges, formed steel base, ASME code liquid trap with a NEMA 7 liquid level switch (790017), trap relief valve and manual drain, interconnecting piping, V-belt drive, belt guard and adjustable motor base, but less motor.	**LB081-TC**	$21,684	740	335
	LB082-TC	$24,064	765	350
	LB161-TC	$25,804	780	355
	LB162-TC	$30,784	780	355
	LB361-TC	$29,264	890	405
	LB362-TC	$35,864	910	410
	LB601-TC	$44,604	1,250	570
	LB602-TC	$53,634	1,265	575
TW - TRANSFER UNIT (ASME Code Trap) [1, 2] Includes compressor, pressure gauges, structural steel skid, flanged ASME code liquid trap with a NEMA 7 liquid level switch (790017), flanged trap relief valve and flanged manual drain, welded interconnecting piping, welded discharge pipe spool ready to receive a flanged relief valve, V-belt drive with belt guard and adjustable motor slide base, but less motor.	**LB161-TW**	$38,710	860	390
	LB162-TW	$43,880	880	400
	LB361-TW	$43,940	990	450
	LB362-TW	$50,540	1,010	465
	LB601-TW	$59,250	1,350	615
	LB602-TW	$68,280	1,365	620
	LB942-TW	$74,150	1,630	740
	LB943-TW	$88,170	1,660	755
B - BASE MOUNTED UNIT [1] Includes compressor, pressure gauges, formed steel base (structural steel on LB942/943), V-belt drive with belt guard and adjustable motor base but less motor.	**LB081-B**	$11,565	420	185
	LB082-B	$14,010	445	200
	LB161-B	$15,685	460	210
	LB162-B	$20,665	460	210
	LB361-B	$19,381	600	270
	LB362-B	$25,981	620	280
	LB601-B	$35,757	960	435
	LB602-B	$44,787	975	440
	LB942-B	$54,530	1,170	530
	LB943-B	$68,550	1,200	545

NOTES:

1. Units do not include a discharge relief valve. Select the proper relief valve for the specific application
2. The liquid trap on the TU and LU mounting styles may be fitted with an optional electric float switch. A second switch may be installed on LC, TC, LW and TW styles, if desired. See the Optional Compressor Accessories section.

Std – Standard NA – Not Available CF – Consult Factory $0 – No Cost Option

ALL PRICES ARE SUBJECT TO CHANGE WITHOUT NOTICE

(List Price Additions Apply **Only** When Ordered With Compressor)

(Compressor and Mounting Options - will affect the catalog string)	Compressor Model	List Price
EXTENDED LENGTH CRANKSHAFT	LB161, LB162	$729
In place of standard length crankshaft	LB361, LB362	$1,205
PRESSURE GAUGES - Suction and Discharge		
Liquid Filled, Stainless Steel, 2½" dial with 0-400 psig and 0-2,750 kpa scales, 1/4" NPT bottom connection	All CO units	$647
OPTIONAL BELT GUARDS **Aluminum**	LB081, LB082, LB161, LB162	$2,340
To replace standard steel guard	LB361, LB362	$2,340
on B, TU, TC, TW, LU, LC, and LW mountings	LB601, LB602	$2,820
	LB942, LB943	$2,990
Stainless Steel	LB081, LB082, LB161, LB162	$2,850
	LB361, LB362	$2,850
	LB601, LB602	$3,315
	LB942, LB943	$3,455
LOW OIL PRESSURE SHUTDOWN SWITCH		
With startup time delay, 19-240 Vac		
NEMA 7/4, Cl. 1, Group D, Explosion/Weather Proof	All Models	$2,855
NEMA 4 Weather Proof	All Models	$1,710
PRESSURE SWITCHES - St. Steel Port, 125/250 Vac		
NEMA 7, Cl.1, Grp.D, Explosion Proof, UL/CSA Listed		
5 to 30 psi (0.35 to 2 bar)	All Models	$2,350
10 to 100 psi (0.7 to 7 bar)	All Models	$2,350
15 to 300 psi (1 to 20 bar)	All Models	$2,350
20 to 500 psi (1.4 to 35 bar)	All Models	$2,350
NEMA 4X		
5 to 30 psi (0.35 to 2 bar)	All Models	$1,435
10 to 100 psi (0.7 to 7 bar)	All Models	$1,435
15 to 300 psi (1 to 20 bar)	All Models	$1,435
20 to 500 psi (1.4 to 35 bar)	All Models	$1,435
HIGH TEMPERATURE SHUTDOWN SWITCH		
125/250 Vac, 100-400°F (35-200°C) range		
Remote Mount with 6' Stainless Steel capillary		
with Stainless Steel Thermowell		
Explosion Proof, Class 1, Div. 1 & 2, NEMA 7	All Models	$3,488
NEMA 4X	All Models	$2,998
with Brass Thermowell		
Explosion Proof, Class 1, Div. 1 & 2, NEMA 7	All Models	$3,314
NEMA 4X	All Models	$2,814
DISCHARGE RELIEF VALVE		
Brass Body, 250 psi (1,724 kPa), LP-Gas Service	LB080, LB160, LB360, LB600	$288
Aluminum Body, 250 psi (1,724 kPa), NH_3, Service	LB080, LB160, LB360, LB600	$288
1.5" x 2" Steel 300# ANSI RF, 250 psig	LB080, LB160, LB360 - LW/TW	$2,950
2" x 2" Steel 300# ANSI RF, 250 psig	LB600 & LB942 - LW/TW	$2,935
LIQUID LEVEL FLOAT SWITCH for Liquid Traps		
Class 1, Groups C&D, Explosion Proof, 19-240 VAC with Stainless Steel Float (0.40 Min. Specific Gravity)	All Models with LU / TU, LC / TC or LW / TW mountings.	$2,360
MOTORS (and Mounting Customer Supplied Motors)	See Motor Price Page 10-MTRG-01	
TESTS, CERTIFICATES & DRAWINGS	See Tests Price Page 001-020	

OPTIONAL LB COMPRESSOR ACCESSORIES

(List Price Additions Apply **Only** When Ordered With Compressor)

Accessories - will appear on orders as separate items

Description (Accessories - will appear on orders as separate items)	Compressor Model	Option Number	List Price
LIQUID TRAP ASSEMBLY (Shipped unmounted)	LB081, LB082, LB161, LB162	777876	$2,135
Standard duty liquid trap with float as used on TU and LU units	LB361, LB362	777876	$2,135
	LB601, LB602	777877	$2,740
VAPOR STRAINER ASSEMBLY (Shipped unmounted)			
Ductile Iron Body, 30 Mesh stainless Steel Screen, 1 1/4" NPT	All Models Except LB942	777875	$495
4-WAY VALVE (Shipped unmounted)	1" NPT	777832	$1,850
Ductile Iron	1 1/4" NPT	777833	$2,370
LUBRICANT: 4-Way Valve, 25 Sticks per Box. For LP-Gas	All Models	790093	$253
For Anhydrous Ammonia (NH3)	All Models	790154	$253
-LU PIPING KIT (Shipped unmounted) With: Standard duty liquid trap with float as used on TU and LU units, 4-way Valve, Strainer, and Interconnecting Piping. Pressure Gauges are not included.	LB081, LB161	777878	$6,130
	LB361	777879	$7,340
	LB601	777880	$8,360
REPAIR KITS			
Top End	LB081	791129	$1,040
Includes: Piston Rings & Expanders, Packing Assemblies, Valves, Gaskets and O-rings	LB161	792229	$1,885
	LB361	793229	$2,150
	LB601	794237	$4,560
Intermediate			
Includes: Top End Kit plus Connecting Rod Bearings, Crossheads, Wrist Pins, Plugs & Bushings	LB081	791130	$1,665
	LB161	792230	$3,000
	LB361	793230	$3,315
	LB601	794238	$7,440
SPECIAL TOOLS	See CB110 and Parts Prices 10-RSPP-01		
UNIT MODIFICATON CHARGES Modify units to accept internal combustion engines or non-standard size motors	All Models	—	CF

PUMPSET PRICE LIST

EFFECTIVE: 01.01.2025

GENERAL INFORMATION

1. ALL PRICES ARE QUOTED IN (AUD $)
2. ALL PRICES QUOTED INCLUDE STANDARD PACKING AND INSURANCE (SPECIAL PACKING EXTRA)
3. ALL PRICES ARE SUBJECT TO EBSRAY PUMPS PTY LIMITED'S STANDARD CONDITIONS OF SALE AND WARRANTY
4. ALL QUOTATIONS VALID FOR THIRTY DAYS FROM DATE OF ISSUE UNLESS OTHERWISE STATED
5. ALL PRICES ARE EXCLUSIVE OF GOODS & SERVICES TAX (GST).
6. ALL PRICES ARE EX WORKS
7. FLOW MAX IS SHOWN AS THEORETICAL PUMP DISPLACEMENT
8. (kg) - AS INDICATED UNDER MODEL / STOCKCODE IS THE APPROXIMATE UNPACKED WEIGHT
9. LEGEND

DE	DRIVE END
CSF	COMPRESSED SYNTHETIC FIBRE
FF	FLAT FACED FLANGES
(F)	FABRICATED BASEPLATE
IE	INSPECTION END
INCL	INCLUDED IN STANDARD PUMP PRICE
NA	NOT AVAILABLE
NP	NON PREFERRED
MIC	METAL IMPREGNATED CARBON
POA	PRICE ON APPLICATION
RF	RAISED FACE FLANGES
RIC	RESIN IMPREGNATED CARBON
STD	MANUFACTURER'S STANDARD

ALL PRICES ENCLOSED ARE CONFIDENTIAL AND CANNOT BE REPRODUCED / COPIED WITHOUT THE WRITTEN AUTHORITY OF EBSRAY PUMPS.

PRICES OF EBSRAY 'R' SERIES REGENERATIVE TURBINE PUMPS
(AUD $)

EFFECTIVE: 01.01.2025

MODEL / STOCKCODE (kg)	TYPE or DESCRIPTION	PRICE EA
R10 (31)	BARESHAFT PUMP - For LPG Applications. Note 3 c/w Flanged Connections to ANSI CL 300 - Inlet: 1-1/2" & Discharge: 1"	$4,690
(31)	BARESHAFT PUMP - For CO2 Applications (Special low temperature packed bearings) c/w Flanged Connections to ANSI CL 300 - Inlet; 1-1/2 " & Discharge : 1"	$5,422
	If bypass valve with VRS feature is required - must use RV18VRS14-XXX-XX-XX	
R10 (101)	PUMPSET - For LPG Applications. Note 4 c/w Flanged Connections to ANSI CL 300 - Inlet: 1-1/2" & Discharge: 1" Coupling, Cast Iron Baseplate, Non Sparking Guard, Motor - 4kW, 2880 RPM, 415/3/50 Ex'e' Coupling, Cast Iron Baseplate, Non Sparking Guard, Motor - 4kW, 2880 RPM, 380/3/50 Ex'e'	$9,059
(115)	c/w Flanged Connections to ANSI CL 300 - Inlet: 1-1/2" & Discharge: 1" Coupling, Cast Iron Baseplate, Non Sparking Guard, Motor - 4kW, 2880 RPM, 415/3/50 Ex'd' Coupling, Cast Iron Baseplate, Non Sparking Guard, Motor - 4kW, 2880 RPM, 380/3/50 Ex'd'	$11,314 POA
	If bypass valve with VRS feature is required - must use RV18VRS14-XXX-XX-XX	
RB10 (61)	BARESHAFT PUMP - For Underground (Low NPSH) LPG Applications. Note 3 c/w Flanged Connections to ANSI CL 300 - Inlet: 2" & Discharge: 1"	$9,890
	For bypass valve must use RV18VRS19-XXX-XX-XX	
L850002 (1.2)	Foot valve assembly - 2" NPT.	$507
RB10 (141)	PUMPSET - For Underground (Low NPSH) LPG Applications. Note 4 c/w Flanged Connections to ANSI CL 300 - Inlet: 2" & Discharge: 1" Coupling, Fab MS Baseplate, Non Sparking Guard, Motor - 4kW, 2880 RPM, 415/3/50 Ex'e' Coupling, Fab MS Baseplate, Non Sparking Guard, Motor - 4kW, 2880 RPM, 380/3/50 Ex'e'	$13,615 POA
(155)	c/w Flanged Connections to ANSI CL 300 - Inlet: 2" & Discharge: 1" Coupling, Fab MS Baseplate, Non Sparking Guard, Motor - 4kW, 2880 RPM, 415/3/50 Ex'd' Coupling, Fab MS Baseplate, Non Sparking Guard, Motor - 4kW, 2880 RPM, 380/3/50 Ex'd'	$15,664
	For bypass valve must use RV18VRS19-XXX-XX-XX	
L850002	Foot valve assembly - 2" NPT.	$507
L571-100-028-028	"SNAP-WRAP" coupling assembly to suit IEC 112 frame 28 mm dia. motor shaft	$235
L575-028-028-028	POLYGEAR coupling assembly Note 5 to suit IEC 112 frame 28 mm dia. motor shaft	$174

Notes

1. Bareshaft Pumps, Pumpsets and Bypass Valves are Fully Tested to EBSRAY Works Specifications
2. Special Tests - Witnessed etc., available at extra cost if required. Refer page 2
3. Bareshaft Pump Models comply with the requirements of ATEX Directive 94/9/EC, Australian Standard AS1596 and other International Standards
4. Pumpset Models comply with the requirements of Australian Standard AS1596 & AS3000 only. For ATEX compliance motors and couplings must comply with the requirements of ATEX Directive 94/9/EC. Refer to Ebsray for pricing.
5. Polygear Coupling Assemblies comply with the requirements of ATEX Directive 94/9/EC

PRICES OF EBSRAY 'R' SERIES REGENERATIVE TURBINE PUMPS
(AUD $)

Models RC20, RC25 & RC40

EFFECTIVE: 01.01.2025

MODEL / STOCKCODE (kg)	TYPE or DESCRIPTION	PRICE EA
RC20 (19.5)	BARESHAFT PUMP - for LPG applications Note 3 and Note 5. c/w 1" NPT ports. Coupling guard included IEC Version - incorporates integral mounting flange for IEC 90 frame B5 flange motor NEMA Version - incorporates integral mounting flange for NEMA frames 143TC/145TC and 182TC/184TC C-Face motors	$3,469
RC25 (19.5)	BARESHAFT PUMP - for LPG applications Note 3 and Note 5. c/w 1" NPT ports. Coupling guard included IEC Version - incorporates integral mounting flange for IEC 90 frame B5 flange motor NEMA Version - incorporates integral mounting flange for NEMA frames 143TC/145TC and 182TC/184TC C-Face motors	$3,882
RC40 (31)	BARESHAFT PUMP - for LPG Applications Note 3 and Note 5. Coupling guard included Connections - Inlet: 1-1/2" (DN40) & Outlet: 1" (DN25) Flanged and Screwed to suit ANSI CL 300, DIN PN40 and NPT Incorporates integral mounting flange for: IEC frame 90,100,112 B5 flange mount and 132 B14 flange mount. NEMA frame 143TC/145TC and 182TC/184TC C-Face flange mount	$4,154
	a) BYPASS VALVES to suit: RC20 Use RV18CBS2 type RC25 Use RV18CBS2 type For 'VRS' type refer Ebsray RC40 Use RV18CBS3, RV18VRS19 For all suction-lift applications refer Ebsray for correct bypass valve selection	Refer Separate Price page for Bypass Valves
	b) IF IEC 100 FRAME MOTOR IS REQUIRED FOR IEC Version of RC20/RC25 - MUST USE MOTOR ADAPTOR KIT (see below)	
L575-028-019-024 (0.7)	POLYGEAR COUPLING ASSEMBLY to suit RC20/RC25 and IEC 90 frame 24 mm dia. motor shafts	$173
L575-028-019-028 (0.7)	POLYGEAR COUPLING ASSEMBLY to suit RC20/RC25 and IEC 100 frame 28 mm dia. motor shafts	$173
19 (1.2)	POLYGEAR COUPLING ASSEMBLY to suit RC40 and IEC 100/112 frame 28mm dia. motor shafts	$286
L575-038-019-129 (1.2)	POLYGEAR COUPLING ASSEMBLY to suit RC40 and IEC 132 frame (B14 mount) 38mm dia. motor shafts	$286
	Polygear Couplings to suit NEMA motors available - POA.	
K316450 (5.6)	MOTOR ADAPTOR KIT (optional) - required for fitment of IEC 100 & 112 frame B5 flange motors to RC20/RC25 IEC Version	$269
L850002 (1.2)	FOOT VALVE ASSEMBLY - 2 " NPT	$505

Notes

1. Bareshaft Pumps, Pumpsets and Bypass Valves are Fully Tested to EBSRAY Works specifications
2. Special Tests - Witnessed etc., available at extra cost if required. Refer page 2
3. Pump Models listed above conform to the requirements of either ATEX Directive 94/9/EC and Australian Standard AS1596 and/or UL51 as required
4. Polygear Coupling Assemblies listed above conform to the requirements of ATEX Directive 94/9/EC
5. For underground / suction lift applications, refer Ebsray for details.

PRICES OF EBSRAY 'R' SERIES REGENERATIVE TURBINE PUMPS
(AUD $)

Model R75 and R77

EFFECTIVE: 01.01.2025

MODEL / STOCKCODE (kg)	TYPE or DESCRIPTION			PRICE EA
R75	BARESHAFT PUMP - for LPG applications *Note 3 and Note 5.*			$6,676
R77	BARESHAFT PUMP - for LPG applications *Note 3 and Note 5.*			$7,820
(54)	Alternate Inlet can be positioned on LH or RH side (as viewed from drive end). Specify LH or RH at time of order.			
	Extra for Integral, 14bar, Bypass Valve *Note 6*			$273
	FLANGE KITS to suit R75 & R77 pump			
K252-10-009	2" NPT Straight Flange Kit	Ductile Iron		$84
K252-08-009	Blank Flange Kit	Ductile Iron	Always include this kit for R75/ R77 pumps intended for electric drive.	$145
K252-13-009	2" NPT Elbow Kit	Ductile Iron		$179
K900400-14M12-012	3" CL300RF Discharge Nozzle	Ductile Iron	When ordered with pump will be included in build & fitted.	$374
K252-05-007	2" NPT/Slip Weld Straight Flange Kit	Steel		$192
K252-07-007	2" NPT/Slip Weld Elbow Kit	Steel		$447
K900720	HYDRAULIC MOTOR ADAPTOR KIT - to suit SAE B 2 bolt motor flange			$253
K900730	ELECTRIC MOTOR ADAPTOR KIT - to suit IEC 160 & 180 frame motors with B3/B5 foot & flange mount			$441
L575-048-238-081	POLYGEAR FLEXIBLE COUPLING to suit R75/77 and IEC 160 frame motor 42mm dia shaft			$602
L575-048-238-085	POLYGEAR FLEXIBLE COUPLING to suit R75/77 and IEC 180 frame motor 48mm dia shaft			$602
BP679301-2241	SUB BASE - Pump set mounted on fabricated steel sub base suitable for IEC D160 or D180 frame motor *note - base is under motor only and does not extend under pump			$826
	BYPASS VALVES to suit R75 & R77			
	Use Ebsray Model RV19CBS for non ATEX/ non UL / non PED markets or applications			Refer RV Valves
	Use Blackmer Model BV2 for ATEX and UL markets/applications			POA
	COMPLETE R75 or R77 ELECTRIC DRIVE PUMPSETS			POA

Notes

1. Bareshaft Pumps, Pumpsets and Bypass Valves are Fully Tested to EBSRAY Works specifications
2. Special Tests - Witnessed etc., available at extra cost if required. Refer page 2
3. Pump Models listed above conform to the requirements ATEX Directive 94/9/EC and Australian Standard AS1596. Additionally the R75 model complies with UL51
4. Polygear Coupling Assemblies listed above conform to the requirements of ATEX Directive 94/9/EC
5. For underground / suction lift applications, refer Ebsray for details.
6. Standard pumps are supplied without integral bypass valve. Where UL51 applies the integral bypass valve must be included

PRICES OF EBSRAY 'R' SERIES REGENERATIVE TURBINE PUMPS
(AUD $)

Model R80 and R82

EFFECTIVE: 01.01.2025

MODEL / STOCKCODE (kg)	TYPE or DESCRIPTION	PRICE EA
R80 (67)	BARESHAFT PUMP - for LPG applications *Note 3 and Note 5.* Flange connections are DN80(3") NPT/ANSI 300	$8,241
R82 (67)	BARESHAFT PUMP - for LPG applications *Note 3 and Note 5* . Inlet/Outlet connections are DN80 (3") ANSI 300/ NPT(F)	$9,438
	Pumps have top discharge and inlet can be LH or RH side viewed from drive end. Orientation should be specified at order.	
	Extra for Integral Bypass valve - 14bar fixed set perssure *Note 6*	$273
K900720	HYDRAULIC MOTOR ADAPTOR KIT - to suit SAE B 2 bolt motor flange	$253
K900730	ELECTRIC MOTOR ADAPTOR KIT - to suit IEC 160 & 180 frame motors with B5 flange mount	$441
L575-048-238-081	POLYGEAR FLEXIBLE COUPLING to suit R80/82 and IEC 160 frame motor 42mm dia shaft *Note 7*	$602
L575-048-238-085	POLYGEAR FLEXIBLE COUPLING to suit R80/82 and IEC 180 frame motor 48mm dia shaft *Note 7*	$602
	BYPASS VALVES to suit R80 & R82	
	Use Ebsray Model RV19CBS for non ATEX/ non UL / non PED markets or applications	Refer RV Valves
	Use Blackmer Model BV2 for ATEX and UL markets/applications	POA
	COMPLETE R80 or R82 ELECTRIC DRIVE PUMPSETS	POA

Notes

1. Bareshaft Pumps, Pumpsets and Bypass Valves are Fully Tested to EBSRAY Works specifications
2. Special Tests - Witnessed etc., available at extra cost if required. Refer page 2
3. Pump Models listed above conform to the requirements of ATEX Directive 94/9/EC and Australian Standard AS1596
4. Polygear Coupling Assemblies listed above conform to the requirements of ATEX Directive 94/9/EC
5. For underground / suction lift applications, refer Ebsray for details.
6. Standard pumps are supplied without integral bypass valve. Where UL51 applies the integral bypass valve must be included
7. Polygear couplings recommended for use with hydraulic or electric motor adaptors only. For base mounted pumps use alternative coupling - refer Ebsray

PRICES OF EBSRAY 'R' SERIES REGENERATIVE TURBINE PUMPS
(AUD$)

EFFECTIVE: 01.01.2025

MODEL / STOCKCODE (kg)	TYPE or DESCRIPTION	PRICE EA
RX10 & RX10 "CHEMTRIM" (62)	PUMPSET - For Submersible LPG Applications. Note 2 c/w 55mm NB Inlet Port & 2" (F) NPT Discharge Port (coaxial with 3/4" (F) NPT conduit entry) Submersible Electric Motor RX10 - 3.7kW, 2880 RPM, 380-415/3/50. Australian Certificate No ANZEx 06.3046X Marking Ex s I IA T4 Class 1 Zone 0 area use European EC type Examination Certificate No. LCIE 03 ATEX 6390 Variation 03 ATEX 6390/01 Marking EEx d I IA T4 IECEx Certificate of Conformity No IECExLCI05.0003 Marking Ex'd 11A T4	$13,663
RV18NRV-032-01-02 (6) RV18NRV-031-01-02 (4)	INLINE BYPASS VALVE - 500 to 900 kPa Spring Range. Note 2 c/w Soft Seated Non-Vented Valve, Flanged 1" dia ANSI CL 300. Pressure Casing material - A395 Ductile Iron OR INLINE BYPASS VALVE - 500 to 900 kPa Spring Range. Note 2 c/w Soft Seated Non-Vented Valve, Screwed 1" dia NPT. Pressure Casing material - A395 Ductile Iron	$1,002 $802
K850001 (0.5)	PPV VALVE KIT (Positive Pressure Ventilation Valve Kit) c/w PPV Valve, U-Tube, Connector, Fitting - For Internal Mounting Only	$624
L861002 - 01A - 16 (7)	PUMP CONTROLLER for RX10 only c/w 'Three Tier' Protection System (HBT/DPS/MOL) for 380-415/3/50 networks including LCD Readout, IP55 Enclosure - Non-hazardous areas only - CE Marked	$4,117
K860403 (3.5)	ELECTRICAL FITTING KIT - for use with C860001 or C860101- for Class 1 Zone 1 areas Australian Ex Certification only c/w Ex'd' Junction Box (8 port), Armoured Cable Barrier Gland, Adaptors, Plugs, Conduit Seal. Note 3	$1,225
C850300-2242	ELECTRICAL CONDUIT - STAINLESS STEEL TUBING 3m x 3/4" OD x 1.6mm wall.	$230
C860202 (1)	DIFFERENTIAL PRESSURE SWITCH. Note 2 Australian Certificate No AUS Ex 480-2 Marking Ex s I I C T6 Class 1 Zone 1 European EC Type Examination Certificate No DEMKO 02 ATEX 0245938U Marking EEx m I I	$1,840
K850500 (0.6)	ANGLED TUBE FITTING KIT - c/w 1 x Elbow Tube Connector & 2 x Straight Tube Connectors	$446

OPTIONS / VARIATIONS FROM STANDARD SUPPLY

RX10-60 (62)	PUMPSET - For Submersible LPG Applications. Note 2 c/w 55mm NB Inlet Port & 2" (F) NPT Discharge Port (coaxial with 3/4" (F) NPT conduit entry) Submersible Electric Motor RX10-60 - 3.7kW, 3450 RPM, 460/3/60.	$13,663
L861101-01A-16 (9)	SYSTEM CONTROLLER c/w 'Three Tier' Protection System (HBT/DPS/MOL) and Emergency Stop / Reset & Low Air Pressure for 380-415/3/50 and 460/3/60 networks. including Hour Run Meter, IP55 Enclosure - Non-hazardous areas only	$6,493
K860400 (2.5)	ELECTRICAL FITTING KIT - for use with C860001 - for Class 1 Zone 1 areas Australian Ex Certification only c/w Ex'd' Junction Box (4 port), Armoured Cable Barrier Gland, Adaptors, Plugs, Conduit Seal. Note 3	$1,037
L861601-01A	PLC WITH PROGRAM Used in above System Controller c/w ability to enable/disable 2 min 'Run-on' feature.	$1,419
L861601-03B	PLC WITH PROGRAM Used in specific markets with 2 min 'Run-on' feature permanently enabled.	$1,419
C850001 (0.5)	PPV VALVE (Positive Pressure Ventilation valve) For 'Alternative' External Mounting - Valve only	$573
K850501	STRAIGHT TUBE FITTING KIT - c/w 3 x Straight Tube Connectors	$382
K315526	GUIDE RING KIT	$164
C860421 (0.4)	CONDUIT SEAL	$250

Notes

1. Warranty applies as per Ebsray Pumps Pty Ltd Standard Conditions of Sale and Warranty or as modified specifically for RX10 Pumpset.
2. Items outlined comply with the Requirements of Australian Standard AS1596, ATEX Directive 94/9/EC and other International Standards.
3. Electrical items outlined comply with the Requirements of Australian Standard AS3000.

PRICES OF EBSRAY 'R' SERIES REGENERATIVE TURBINE PUMPS
(AUD$)

EFFECTIVE: 01.01.2025

MODEL / STOCKCODE (kg)	TYPE or DESCRIPTION	PRICE EA
RX33 (42)	PUMPSET - For Submersible LPG Applications. Note 2 c/w 40mm NB Inlet Port & 1-1/2" (F) NPT Discharge Port (coaxial with 3/4" (F) NPT conduit entry) Submersible Electric Motor - 2.2 kW, 2880 RPM, 380-415/3/50. European EC Type Examination Certificate No LCIE 03 ATEX 6390 Variation 03 ATEX 6390/01 Marking EEx d IIA T4 IECEx Certificate of Conformity No IECExLCI05.0003 Marking Ex'd 11A T4	$9,255
RV18NRV-032-01-02 (6) OR RV18NRV-031-01-02 (4)	INLINE BYPASS VALVE - 500 to 900 kPa (5 to 9 bar) Spring Range. Note 2 c/w Soft Seated Non-Vented Valve, Flanged 1" dia ANSI CL 300. Pressure Casing material - A395 Ductile Iron INLINE BYPASS VALVE - 500 to 900 kPa (5 to 9 bar) Spring Range. Note 2 c/w Soft Seated Non-Vented Valve, Screwed 1" dia NPT. Pressure Casing material - A395 Ductile Iron	$1,002 $802
K850001 (0.5)	PPV VALVE KIT (Positive Pressure Ventilation Valve Kit) c/w PPV Valve, U-Tube, Connector, Fitting - For Internal Mounting Only	$624
L861002-01A-14 (7)	PUMP CONTROLLER for RX33 only c/w 'Three Tier' Protection System (HBT/DPS/MOL) for 380-415/3/50 networks including LCD Readout, IP55 Enclosure - Non-hazardous areas only - CE Marked	$4,117
K860403 (3.5)	ELECTRICAL FITTING KIT - for use with C860001 or C860101- for Class 1 Zone 1 areas Australian Ex Certification only c/w Ex'd' Junction Box (8 port), Armoured Cable Barrier Gland, Adaptors, Plugs, Conduit Seal. Note 3	$1,225
C860202 (1)	DIFFERENTIAL PRESSURE SWITCH. Note 2 Australian Certificate No AUS Ex 480-2 Marking Ex s I I C T6 Class 1 Zone 1 European EC Type Examination Certificate No DEMKO 02 ATEX 0245938U Marking EEx m I I	$1,840
K850500	ANGLED TUBE FITTING KIT - c/w 1 x Elbow Tube Connector & 2 x Straight Tube Connectors	$446
C850300-2242	ELECTRICAL CONDUIT - STAINLESS STEEL TUBING 3m x 3/4" OD x 1.6mm wall.	$230

OPTIONS / VARIATIONS

L861601-01A	PLC WITH PROGRAM	Used in above 'standard' Pump Controller c/w ability to enable/disable 2 min 'Run-on' feature.	$1,419
L861601-03B	PLC WITH PROGRAM	Used in specific markets with 2 min 'Run-on' feature permanently enabled.	$1,419
L861602-01A	PLC WITH PROGRAM	24VDC version of PLC WITH PROGRAM L861601-1A	$1,419
C850001 (0.5)	PPV VALVE (Positive Pressure Ventilation Valve) For 'Alternative' External Mounting - Valve only		$573

Notes
1.Warranty applies as per Ebsray Pumps Pty Ltd Standard Conditions of Sale and Warranty or as modified specifically for RX33 Pumpset.
2.Items outlined comply with the Requirements of ATEX Directive 94/9/EC and other International Standards.

PRICES OF EBSRAY 'RV' SERIES INLINE BYPASS VALVES FOR LPG APPLICATIONS
(AUD $)

EFFECTIVE: 01.01.2025

DUCTILE IRON CONSTRUCTION

STOCKCODE (kg)	MAIN MATERIALS OF CONSTRUCTION		Notes	PORT CONNECTIONS	PRICE EA
	PRESSURE CASING	TRIM			
RV18CBS3-021-xx-02 (4)	A395	CI/MS/VIT	1,2,3,4,5,6	1" NPT (Screwed)	$657
RV18CBS3-022-xx-02 (6)	A395	CI/MS/VIT	1,2,3,4,5,6	1" ANSI CL300 (Flanged)	$858
RV18CBS2-023-xx-02 (4)	A395	CI/MS/VIT	1,2,3,4,5,6	1" NPT (Screwed)	$657
RV18CBS2-024-xx-02 (6)	A395	CI/MS/VIT	1,2,3,4,5,6	1" ANSI CL300 (Flanged)	$858
RV18NRV-031-xx-02 (4)	A395	CI/MS/VIT	1,2,3,4,5,6	1" NPT (Screwed)	$783
RV18NRV-032-xx-02 (6)	A395	CI/MS/VIT	1,2,3,4,5,6	1" ANSI CL300 (Flanged)	$978
RV18VRS10-056-xx-05 (4)	A395	CI/MS/VIT/HCCB	1,2,3,4,5,6	1" NPT (Screwed)	$887
RV18VRS10-057-xx-05 (6)	A395	CI/MS/VIT/HCCB	1,2,3,4,5,6	1" ANSI CL300 (Flanged)	$1,087
RV18VRS14-061-xx-05 (4)	A395	CI/MS/VIT/HCCB	1,2,3,4,5,6	1" NPT (Screwed)	$887
RV18VRS14-062-xx-05 (6)	A395	CI/MS/VIT/HCCB	1,2,3,4,5,6	1" ANSI CL300 (Flanged)	$1,087
RV18VRS19-071-xx-05 (4)	A395	CI/MS/VIT/HCCB	1,2,3,4,5,6	1" NPT (Screwed)	$887
RV18VRS19-072-xx-05 (6)	A395	CI/MS/VIT/HCCB	1,2,3,4,5,6	1" ANSI CL300 (Flanged)	$1,087
RV19CBS-021-xx-02 (8)	A395	CI/MS/VIT	1,2,3,4,5,6	1-1/2" NPT (Screwed)	$1,188
RV19CBS-022-xx-02 (12)	A395	CI/MS/VIT	1,2,3,4,5,6	1-1/2" ANSI CL300 (Flanged)	$1,429
RV19VRS06-051-xx-05 (8)	A395	CI/MS/VIT/HCCB	1,2,3,4,5,6	1-1/2" NPT (Screwed)	$1,490
RV19VRS06-052-xx-05 (12)	A395	CI/MS/VIT/HCCB	1,2,3,4,5,6	1-1/2" ANSI CL300 (Flanged)	$1,729
RV26-003-xx-01 (57)	A395	CI/MS/NIT	1,2,3,4,5,6,7	4" ANSI CL300 (Flanged)	$5,869
RV26CBS4-087-xx-02 (57)	A395	CI/MS/NIT	1,2,3,4,5,6,7	4" ANSI CL300 (Flanged)	$5,869
RV26VRS06-081-xx-01 (57)	A395	CI/MS/NIT/HCCB	1,2,3,4,5,6,7	4" ANSI CL300 (Flanged)	$6,261
RV26-003-xx-22 (57)	CAST STEEL	CI/MS/VIT	1,2,3,4,5,6,7	4" ANSI CL300 (Flanged)	$8,355

Abbreviations:
CBS - Constant Bleed System
NRV - Non Return Valve
VRS - Vapour Removal System

ALTERATIONS TO EX STOCK BYPASS VALVES
Change Bypass Valve spring - range only $97

Notes:

1. Bypass Valves are Hydrostatically tested to EBSRAY Works specifications
2. Bypass Valves for LPG applications comply with the requirements of Australian Standard AS1596, ATEX Directive 94/9/EC and other International Standards
3. Differential Pressure (range) must be specified for correct spring selection.
4. Standard Bypass Valve spring range - stocked Bypass Valves - RV18: 550-950kPa, RV19: 650-950kPa
5. Standard finish to stocked Bypass Valves - Grey Metal Primer
6. For non-standard Bypass Valves spring ranges - refer TR404 Section E01-001A
7. **For all RV valves - refer TR404 Section E01-001A for spring range codes (field xx in above)**

REGO Part Number	Description		Net weight	Effective Price
000597FD	HP Regulator 40-100PSI	Rego LPG	0,76	48,49
000612-G2	Pressure Gauges 2" - 300 PSI	Rego LPG		34,57
000612-PG	Pressure Gauge 1/8" M.NPT / 300 PSI	Rego LPG	0,06	37,81
000901C1	Service Valve	Rego LPG	0,27	38,69
000901C5	Service Valve	Rego LPG	0,31	52,09
000903-50	Repair Kit Assembly	Rego LPG		10,05
000903-51	Repair Kit for Multi,Cylinder & Service Valves (series)	Rego LPG	0,05	10,05
000906-1000	Dip Tube for 9101 DK/DS Serie 1000mm	Rego LPG	0,06	6,05
000906-230	Dip Tube for 9101 DK/DS Serie 230mm	Rego LPG	0,02	5,92
000906-290	Dip Tube for 9101 DK/DS Serie 290mm	Rego LPG	0,02	5,92
000906-300	Dip Tube for 9101 DK/DS Serie 300mm	Rego LPG	0,03	5,92
000906-310	Dip Tube for 9101 DK/DS Serie 310mm	Rego LPG	0,02	5,92
000906-393	Dip Tube for 9101 DK/DS Serie 393mm	Rego LPG	0,03	5,92
000906-398	Dip Tube for 9101 DK/DS Serie 398mm	Rego LPG	0,03	5,92
000906-445	Dip Tube for 9101 DK/DS Serie 445mm	Rego LPG	0,03	5,92
000906-450	Dip Tube for 9101 DK/DS Serie 450mm	Rego LPG	0,05	5,92
000906-500	Dip Tube for 9101 DK/DS Serie 500mm	Rego LPG	0,05	5,92
000906-600	Dip Tube for 9101 DK/DS Serie 600mm	Rego LPG	0,05	5,92
000912FS12	1/4" Pigtail; 1/4" Inverted Flare x 7/8" M.POL Short Nipple	Rego LPG	0,13	14,83
000912FS20	1/4" Pigtail; 1/4" Inverted Flare x 7/8" M.POL Short Nipple	Rego LPG	0,17	9,94
000912FS30	1/4" Pigtail; 1/4" Inverted Flare x 7/8" M.POL Short Nipple	Rego LPG	0,22	8,84
000912FS36	1/4" Pigtail; 1/4" Inverted Flare x 7/8" M.POL Short Nipple	Rego LPG	0,24	9,53
000912JS12	1/4" Pigtail; 1/4" M.NPT x 7/8" Hex M. Pol Short Nipple	Rego LPG	0,22	11,90
000912JS36	1/4" Pigtail; 1/4" M.NPT x 7/8" Hex M. Pol Short Nipple	Rego LPG	0,25	11,77
000912PA20	1/4" Pigtail; Hex 1 1/8" M.Pol x 1 1/8" M.Pol Long Nipple	Rego LPG	0,30	11,77
000912PA36	1/4" Pigtail; Hex 1 1/8" M.Pol x 1 1/8" M.Pol Long Nipple	Rego LPG	0,30	14,42
000912PS12	1/4" Pigtail; Hex 7/8" M.Pol x 7/8" M.Pol Short Nipple	Rego LPG		7,00
000912PS20	1/4" Pigtail; Hex 7/8" M.Pol x 7/8" M.Pol Short Nipple	Rego LPG	0,22	7,27
000912PS30	1/4" Pigtail; Hex 7/8" M.Pol x 7/8" M.Pol Short Nipple	Rego LPG	0,27	8,84
000912PS36	1/4" Pigtail; Hex 7/8" M.Pol x 7/8" M.Pol Short Nipple	Rego LPG	0,30	10,56
000913JS05	3/8" Pigtail; 1/4" M.NPT x 7/8" Hex M. Pol Short Nipple	Rego LPG	0,14	10,33
000913JS05A	3/8" Pigtail; 1/4" M.NPT x 7/8" Hex M. Pol Short Nipple	Rego LPG	0,14	19,18
000913JS12	3/8" Pigtail; 1/4" M.NPT x 7/8" Hex M. Pol Short Nipple	Rego LPG	0,16	11,90
000913LS12	3/8" Pigtail; 1/2" M.NPT x 7/8" Hex M.POL Short Nipple	Rego LPG	0,23	24,36
000913PS05A	3/8" Pigtail; Hex 7/8" M.Pol x 7/8" M.Pol Short Nipple	Rego LPG	0,16	20,07
000913PS12	3/8" Pigtail; Hex 7/8" M.Pol x 7/8" M.Pol Short Nipple	Rego LPG	0,23	12,57
000913PS12G	3/8" Pigtail; Hex 7/8" M.Pol x 7/8" M.Pol Short Nipple	Rego LPG	0,22	13,74
000913PS20	3/8" Pigtail; Hex 7/8" M.Pol x 7/8" M.Pol Short Nipple	Rego LPG	0,28	15,84
000913PS30	3/8" Pigtail; Hex 7/8" M.Pol x 7/8" M.Pol Short Nipple	Rego LPG	0,35	31,97
000913PS36	3/8" Pigtail; Hex 7/8" M.Pol x 7/8" M.Pol Short Nipple	Rego LPG	0,40	34,35
000948	Pressure Gauges 1/4" M.NPT / 300 PSI	Rego LPG	0,16	33,20
000948B	Pressure Gauges 1/4" M.NPT / 300 PSI	Rego LPG	0,14	20,73
000970	POL Connection Standard	Rego LPG	0,10	8,71
000970AW	POL Connection	Rego LPG	0,12	11,36
000970AX	POL Connection	Rego LPG	0,11	28,56

000970AXS	POL Connection	Rego LPG	0,12	30,66
000970JR	Swivel Adapter 1/4"	Rego LPG	0,11	12,18
000970S	POL Connection	Rego LPG	0,10	19,57
001212KIT	Test Kit -water manometer	Rego LPG	0,79	139,42
001224WA	Needle Valve 1/4" M.NPT x 1/4" M.NPT	Rego LPG	0,08	41,62
001300	Hose Adapter 9/16"-18NF (l.H.) x 1/4" M.NPT	Rego LPG		3,68
001350E	Tee Block Manifold	Rego LPG	0,38	25,23
001350R	Tee Check Manifolds F.POL x M.POL	Rego LPG	0,36	44,41
001450E	Tee Block Manifold	Rego LPG	0,05	11,08
001450R	Tee Check Manifolds	Rego LPG	0,06	14,83
001475-80	Repair Kit	Rego LPG	0,04	38,55
001494-1	Pressure Gauge Adapter 1/2"F.NPT-1/4"F.NPT	Rego LPG	0,23	30,91
001519A2	Excess Flow Valve 1" NPT x 1" F.NPT	Rego LPG	0,73	247,31
001519A3	Excess Flow Valve 1" NPT x 1-1/2" F.NPT	Rego LPG	1,54	958,38
001519A4	Excess Flow Valve 2" NPT x 2" F.NPT	Rego LPG	2,52	443,39
001519B4	Excess Flow Valve 2" NPT x 2" F.NPT	Rego LPG	2,52	445,09
001519C2	Excess Flow Valve 1-1/2" M.NPT	Rego LPG	2,52	582,43
001519C4	Excess flow Valve 2" F.NPT	Rego LPG	2,52	472,23
001584VH	HP Regulator 1/2"F.NPT, 45-125PSI	Rego LPG	0,78	172,14
001584VL	HP Regulator 1/2"F.NPT, 25-50PSI	Rego LPG	0,75	172,14
001584VN	HP Regulator 1/2"F.NPT, 3-30PSI	Rego LPG	0,69	172,14
001586VH	HP Regulator 3/4"F.NPT, 45-125PSI	Rego LPG	1,42	265,81
001586VL	HP Regulator 3/4"F.NPT, 25-50PSI	Rego LPG	1,39	265,81
001586VN	HP Regulator 3/4"F.NPT, 3-30PSI	Rego LPG	1,36	265,81
001586VNB	HP Regulator 3/4" F.BSP, 3-30PSI	Rego LPG	1,37	265,81
001588VH	HP Regulator 1"F.NPT, 45-125PSI	Rego LPG	1,40	265,81
001588VL	HP Regulator 1"F.NPT, 25-50PSI	Rego LPG	1,36	265,81
001588VN	HP Regulator 1"F.NPT, 3-30PSI	Rego LPG	1,32	265,81
001708C	Cap with Chain & Ring brass	Rego LPG	0,14	84,45
002070C0	Rotogage 3/4" M.NPT	Rego LPG	0,32	296,88
002071-L39.7	Dip Tube for Rotogages 2070C0	Rego LPG	0,10	63,12
002072-22X	PKG Polyethylene E .62 OD	Rego LPG		5,18
002072C-19	Dial, Disc Type	Rego LPG	0,01	26,89
002072C60	Rotogage with Dip Tube (Package)	Rego LPG	0,42	332,59
002092-13	Packing	Rego LPG	0,00	5,18
002139	Excess Flow Valve 3" NPT	Rego LPG	4,52	898,68
002139A	Excess Flow Valve 3" NPT	Rego LPG	4,47	898,68
002403-39	Disc, Seat for Regulator LV4403	Rego LPG	0,01	3,59
002411	Pressure Gauges 1/4" M.NPT / 30 PSI	Rego LPG	0,12	42,45
002434-2	Pressure Gauges 1/8" M.NPT	Rego LPG	0,22	139,90
002434A	LP Test Set	Rego LPG	0,43	128,76
002434A-2	Pressure Gauge 1/4" Hose Connection	Rego LPG	0,21	134,41
002503-19	Regulator Bracket Alm.	Rego LPG	0,08	12,09
002503-22	Regulator Bracket stl.	Rego LPG	0,08	11,60
002507-15C	Handwheel for Globe Valves A7505 bis A7508	Rego LPG	0,08	10,60
002550-40P	Nameplate -WARNING-	Rego LPG	0,00	3,59
002582-14	Key for Rotogauges	Rego LPG	0,01	1,30
002582-15	Screw Steel 1/4-20 X .625 for Rotogauges	Rego LPG	0,00	5,43
002603-2UF	Male Pol Nipple	Rego LPG	0,06	7,43
002723C	Excess Flow Valve 1-1/4" M.NPT x 3/4" NPT	Rego LPG	0,57	609,20
002884D	Excess Flow Valve 3/4" M.NPT x 1/4" F.NPT	Rego LPG	0,13	66,79
002906A	POL Adapter 1/4" F.NPT	Rego LPG	0,08	16,79
002906D	POL Adapter 3/8" M.NPT	Rego LPG	0,11	25,11
002906E	POL Adapter 1/2" SAE Flare	Rego LPG		5,33

002906G	POL Adapter 1/2" F.NPT	Rego LPG	0,15	19,06
002962	HP Gauge Adapter	Rego LPG	0,49	92,64
003100-54	Cap -prot, 1.6 ID, VIN	Rego LPG	0,02	2,68
003118-2	Coupling nut -Brass- 1.75 ACME for 3175A	Rego LPG	0,09	9,29
003119A	Unloading Adapter, In-Line	Rego LPG	1,20	265,25
003120	Unloading Adapter, Angle	Rego LPG	1,06	368,09
003121	Unloading Adapter	Rego LPG	0,93	134,52
003125-40P	Protective Cap for 3125 -BLACK-	Rego LPG	0,00	1,17
003125L	External Hydrostatic Relief Valve 1/4" M.NPT	Rego LPG	0,05	13,62
003127:02.0BAR	External Hydrostatic Relief Valve 1/4"	Rego LPG	0,09	20,20
003127:03.0BAR	External Hydrostatic Relief Valve 1/4"	Rego LPG	0,09	20,20
003127:03.5BAR	External Hydrostatic Relief Valve 1/4"	Rego LPG	0,09	20,20
003127:03.6BAR	External Hydrostatic Relief Valve 1/4"	Rego LPG	0,09	20,20
003127:03.8BAR	External Hydrostatic Relief Valve 1/4"	Rego LPG	0,09	20,20
003127:04.0BAR	External Hydrostatic Relief Valve 1/4"	Rego LPG	0,09	20,20
003127:04.5BAR	External Hydrostatic Relief Valve 1/4"	Rego LPG	0,09	20,20
003127:05.0BAR	External Hydrostatic Relief Valve 1/4"	Rego LPG	0,09	20,20
003127:05.5BAR	External Hydrostatic Relief Valve 1/4"	Rego LPG	0,09	20,20
003127:06.0BAR	External Hydrostatic Relief Valve 1/4"	Rego LPG	0,09	20,20
003127:06.9BAR	External Hydrostatic Relief Valve 1/4"	Rego LPG	0,09	20,20
003127:07.0BAR	External Hydrostatic Relief Valve 1/4"	Rego LPG	0,09	20,20
003127:08.0BAR	External Hydrostatic Relief Valve 1/4"	Rego LPG	0,09	20,20
003127:08.6BAR	External Hydrostatic Relief Valve 1/4"	Rego LPG	0,09	20,20
003127:09.5BAR	External Hydrostatic Relief Valve 1/4"	Rego LPG	0,09	20,20
003127:10.0BAR	External Hydrostatic Relief Valve 1/4"	Rego LPG	0,09	20,20
003127:10.3BAR	External Hydrostatic Relief Valve 1/4"	Rego LPG	0,09	20,20
003127:11.0BAR	External Hydrostatic Relief Valve 1/4"	Rego LPG	0,09	20,20
003127:11.7BAR	External Hydrostatic Relief Valve 1/4"	Rego LPG	0,09	20,20
003127:12.0BAR	External Hydrostatic Relief Valve 1/4"	Rego LPG	0,09	20,20
003127:13.3BAR	External Hydrostatic Relief Valve 1/4"	Rego LPG	0,09	20,20
003127:13.8BAR	External Hydrostatic Relief Valve 1/4"	Rego LPG	0,09	20,20
003127:14.0BAR	External Hydrostatic Relief Valve 1/4"	Rego LPG	0,09	20,20
003127:14.5Bar	External Hydrostatic Relief Valve 1/4"	Rego LPG	0,09	20,20
003127:14.8BAR	External Hydrostatic Relief Valve 1/4"	Rego LPG	0,09	20,20
003127:15.0BAR	External Hydrostatic Relief Valve 1/4"	Rego LPG	0,09	20,20
003127:15.2BAR	External Hydrostatic Relief Valve 1/4"	Rego LPG	0,09	20,20
003127:15.5BAR	External Hydrostatic Relief Valve 1/4"	Rego LPG	0,09	20,20
003127:15.6BAR	External Hydrostatic Relief Valve 1/4"	Rego LPG	0,09	20,20
003127:15.7BAR	External Hydrostatic Relief Valve 1/4"	Rego LPG	0,09	20,20
003127:16.0BAR	External Hydrostatic Relief Valve 1/4"	Rego LPG	0,09	20,20
003127:16.3BAR	External Hydrostatic Relief Valve 1/4"	Rego LPG	0,09	20,20
003127:16.4BAR	External Hydrostatic Relief Valve 1/4"	Rego LPG	0,09	20,20
003127:16.7BAR	External Hydrostatic Relief Valve 1/4"	Rego LPG	0,09	20,20
003127:17.0BAR	External Hydrostatic Relief Valve 1/4"	Rego LPG	0,09	20,20
003127:17.5BAR	External Hydrostatic Relief Valve 1/4"	Rego LPG	0,09	20,20
003127:17.6BAR	External Hydrostatic Relief Valve 1/4"	Rego LPG	0,09	20,20
003127:18.0BAR	External Hydrostatic Relief Valve 1/4"	Rego LPG	0,09	20,20
003127:18.2BAR	External Hydrostatic Relief Valve 1/4"	Rego LPG	0,09	20,20
003127:18.4BAR	External Hydrostatic Relief Valve 1/4"	Rego LPG	0,09	20,20
003127:18.5BAR	External Hydrostatic Relief Valve 1/4"	Rego LPG	0,09	20,20
003127:19.0BAR	External Hydrostatic Relief Valve 1/4"	Rego LPG	0,09	20,20
003127:19.3BAR	External Hydrostatic Relief Valve 1/4"	Rego LPG	0,09	20,20
003127:19.6BAR	External Hydrostatic Relief Valve 1/4"	Rego LPG	0,09	20,20
003127:20.0BAR	External Hydrostatic Relief Valve 1/4"	Rego LPG	0,09	20,20

003127:20.7BAR	External Hydrostatic Relief Valve 1/4"	Rego LPG	0,09	20,20
003127:21.0BAR	External Hydrostatic Relief Valve 1/4"	Rego LPG	0,09	20,20
003127:21.5BAR	External Hydrostatic Relief Valve 1/4"	Rego LPG	0,09	20,20
003127:22.0BAR	External Hydrostatic Relief Valve 1/4"	Rego LPG	0,09	20,20
003127:22.4BAR	External Hydrostatic Relief Valve 1/4"	Rego LPG	0,09	20,20
003127:23.0BAR	External Hydrostatic Relief Valve 1/4"	Rego LPG	0,09	20,20
003127:23.5BAR	External Hydrostatic Relief Valve 1/4"	Rego LPG	0,09	20,20
003127:24.0BAR	External Hydrostatic Relief Valve 1/4"	Rego LPG	0,09	20,20
003127:24.5BAR	External Hydrostatic Relief Valve 1/4"	Rego LPG	0,09	20,20
003127:25.0BAR	External Hydrostatic Relief Valve 1/4"	Rego LPG	0,09	20,20
003127:25.4BAR	External Hydrostatic Relief Valve 1/4"	Rego LPG	0,09	20,20
003127:25.9BAR	External Hydrostatic Relief Valve 1/4"	Rego LPG	0,09	20,20
003127:26.0BAR	External Hydrostatic Relief Valve 1/4"	Rego LPG	0,09	20,20
003127:26.2BAR	External Hydrostatic Relief Valve 1/4"	Rego LPG	0,09	20,20
003127:27.0BAR	External Hydrostatic Relief Valve 1/4"	Rego LPG	0,09	20,20
003127:27.5BAR	External Hydrostatic Relief Valve 1/4"	Rego LPG	0,09	20,20
003127:28.0BAR	External Hydrostatic Relief Valve 1/4"	Rego LPG	0,09	20,20
003127:30.0BAR	External Hydrostatic Relief Valve 1/4"	Rego LPG	0,09	20,20
003127:31.0BAR	External Hydrostatic Relief Valve 1/4"	Rego LPG	0,09	20,20
003127:33.0BAR	External Hydrostatic Relief Valve 1/4"	Rego LPG	0,09	20,20
003127:35.0BAR	External Hydrostatic Relief Valve 1/4"	Rego LPG	0,09	20,20
003127:G	External Hydrostatic Relief Valve 1/4"	Rego LPG	0,09	20,20
003127:H	External Hydrostatic Relief Valve 1/4"	Rego LPG	0,09	20,20
003127:J	External Hydrostatic Relief Valve 1/4"	Rego LPG	0,09	20,20
003127:K	External Hydrostatic Relief Valve 1/4"	Rego LPG	0,09	20,20
003127:L	External Hydrostatic Relief Valve 1/4"	Rego LPG	0,09	20,20
003127:P	External Hydrostatic Relief Valve 1/4"	Rego LPG	0,09	20,20
003127:T	External Hydrostatic Relief Valve 1/4"	Rego LPG	0,09	20,20
003127:U	External Hydrostatic Relief Valve 1/4"	Rego LPG	0,09	20,20
003127G	External Hydrostatic Relief Valve 1/4" M.NPT	Rego LPG	0,09	20,20
003127H	External Hydrostatic Relief Valve 1/4" M.NPT	Rego LPG	0,09	20,20
003127J	External Hydrostatic Relief Valve 1/4" M.NPT	Rego LPG	0,09	20,20
003127K	External Hydrostatic Relief Valve 1/4" M.NPT	Rego LPG	0,09	20,20
003127L	External Hydrostatic Relief Valve 1/4" M.NPT	Rego LPG	0,09	20,20
003127P	External Hydrostatic Relief Valve 1/4" M.NPT	Rego LPG	0,09	20,20
003127U	External Hydrostatic Relief Valve 1/4" M.NPT	Rego LPG	0,09	20,20
003128:10.0BAR	External Hydrostatic Relief Valve 3/4"	Rego LPG	0,20	36,18
003128:15.0BAR	External Hydrostatic Relief Valve 3/4"	Rego LPG	0,20	36,18
003128:15.6BAR	External Hydrostatic Relief Valve 3/4"	Rego LPG	0,20	36,18
003128:16.0BAR	External Hydrostatic Relief Valve 3/4"	Rego LPG	0,20	36,18
003128:17.0BAR	External Hydrostatic Relief Valve 3/4"	Rego LPG	0,20	36,18
003128:17.2BAR	External Hydrostatic Relief Valve 3/4"	Rego LPG	0,20	36,18
003128:17.5BAR	External Hydrostatic Relief Valve 3/4"	Rego LPG	0,20	36,18
003128:19.0BAR	External Hydrostatic Relief Valve 3/4"	Rego LPG	0,20	36,18
003128:19.6BAR	External Hydrostatic Relief Valve 3/4"	Rego LPG	0,20	36,18
003128:20.0BAR	External Hydrostatic Relief Valve 3/4"	Rego LPG	0,20	36,18
003128:21.0BAR	External Hydrostatic Relief Valve 3/4"	Rego LPG	0,20	36,18
003128:21.5BAR	External Hydrostatic Relief Valve 3/4"	Rego LPG	0,20	36,18
003128:23.0BAR	External Hydrostatic Relief Valve 3/4"	Rego LPG	0,20	36,18
003128:24.0BAR	External Hydrostatic Relief Valve 3/4"	Rego LPG	0,20	36,18
003128:24.1BAR	External Hydrostatic Relief Valve 3/4"	Rego LPG	0,20	36,18
003128:25.0BAR	External Hydrostatic Relief Valve 3/4"	Rego LPG	0,20	36,18
003128:27.6BAR	External Hydrostatic Relief Valve 3/4"	Rego LPG	0,20	36,18
003128:28.0BAR	External Hydrostatic Relief Valve 3/4"	Rego LPG	0,20	36,18

003128:30.0BAR	External Hydrostatic Relief Valve 3/4"	Rego LPG	0,20	36,18
003128:31.7BAR	External Hydrostatic Relief Valve 3/4"	Rego LPG	0,20	36,18
003128:G	External Hydrostatic Relief Valve 3/4"	Rego LPG	0,20	36,18
003128:J	External Hydrostatic Relief Valve 3/4"	Rego LPG	0,20	36,18
003128:K	External Hydrostatic Relief Valve 3/4"	Rego LPG	0,20	36,18
003129:01.0BAR	External Hydrostatic Relief Valve 1/2"	Rego LPG	0,18	36,18
003129:02.0BAR	External Hydrostatic Relief Valve 1/2"	Rego LPG	0,18	36,18
003129:02.5BAR	External Hydrostatic Relief Valve 1/2"	Rego LPG	0,18	36,18
003129:02.7BAR	External Hydrostatic Relief Valve 1/2"	Rego LPG	0,18	36,18
003129:03.0BAR	External Hydrostatic Relief Valve 1/2"	Rego LPG	0,18	36,18
003129:03.4BAR	External Hydrostatic Relief Valve 1/2"	Rego LPG	0,18	36,18
003129:03.7BAR	External Hydrostatic Relief Valve 1/2"	Rego LPG	0,18	36,18
003129:03.8BAR	External Hydrostatic Relief Valve 1/2"	Rego LPG	0,18	36,18
003129:04.0BAR	External Hydrostatic Relief Valve 1/2"	Rego LPG	0,18	36,18
003129:04.5BAR	External Hydrostatic Relief Valve 1/2"	Rego LPG	0,18	36,18
003129:04.6BAR	External Hydrostatic Relief Valve 1/2"	Rego LPG	0,18	36,18
003129:05.0BAR	External Hydrostatic Relief Valve 1/2"	Rego LPG	0,18	36,18
003129:05.2BAR	External Hydrostatic Relief Valve 1/2"	Rego LPG	0,18	36,18
003129:06.0BAR	External Hydrostatic Relief Valve 1/2"	Rego LPG	0,18	36,18
003129:07.0BAR	External Hydrostatic Relief Valve 1/2"	Rego LPG	0,18	36,18
003129:07.5BAR	External Hydrostatic Relief Valve 1/2"	Rego LPG	0,18	36,18
003129:08.0BAR	External Hydrostatic Relief Valve 1/2"	Rego LPG	0,18	36,18
003129:08.5BAR	External Hydrostatic Relief Valve 1/2"	Rego LPG	0,18	36,18
003129:08.6BAR	External Hydrostatic Relief Valve 1/2"	Rego LPG	0,18	36,18
003129:09.0BAR	External Hydrostatic Relief Valve 1/2"	Rego LPG	0,18	36,18
003129:10.0BAR	External Hydrostatic Relief Valve 1/2"	Rego LPG	0,18	36,18
003129:10.3BAR	External Hydrostatic Relief Valve 1/2"	Rego LPG	0,18	36,18
003129:10.5BAR	External Hydrostatic Relief Valve 1/2"	Rego LPG	0,18	36,18
003129:11.0BAR	External Hydrostatic Relief Valve 1/2"	Rego LPG	0,18	36,18
003129:12.0BAR	External Hydrostatic Relief Valve 1/2"	Rego LPG	0,18	36,18
003129:13.2BAR	External Hydrostatic Relief Valve 1/2"	Rego LPG	0,18	36,18
003129:13.8BAR	External Hydrostatic Relief Valve 1/2"	Rego LPG	0,18	36,18
003129:14.0BAR	External Hydrostatic Relief Valve 1/2"	Rego LPG	0,18	36,18
003129:14.5BAR	External Hydrostatic Relief Valve 1/2"	Rego LPG	0,18	36,18
003129:14.8BAR	External Hydrostatic Relief Valve 1/2"	Rego LPG	0,18	36,18
003129:15.0BAR	External Hydrostatic Relief Valve 1/2"	Rego LPG	0,18	36,18
003129:15.2BAR	External Hydrostatic Relief Valve 1/2"	Rego LPG	0,18	36,18
003129:15.5BAR	External Hydrostatic Relief Valve 1/2"	Rego LPG	0,18	36,18
003129:15.6BAR	External Hydrostatic Relief Valve 1/2"	Rego LPG	0,18	36,18
003129:15.7BAR	External Hydrostatic Relief Valve 1/2"	Rego LPG	0,18	36,18
003129:16.0BAR	External Hydrostatic Relief Valve 1/2"	Rego LPG	0,18	36,18
003129:16.3BAR	External Hydrostatic Relief Valve 1/2"	Rego LPG	0,18	36,18
003129:16.4BAR	External Hydrostatic Relief Valve 1/2"	Rego LPG	0,18	36,18
003129:16.7BAR	External Hydrostatic Relief Valve 1/2"	Rego LPG	0,18	36,18
003129:17.0BAR	External Hydrostatic Relief Valve 1/2"	Rego LPG	0,18	36,18
003129:17.2BAR	External Hydrostatic Relief Valve 1/2"	Rego LPG	0,18	36,18
003129:17.5BAR	External Hydrostatic Relief Valve 1/2"	Rego LPG	0,18	36,18
003129:17.6BAR	External Hydrostatic Relief Valve 1/2"	Rego LPG	0,18	36,18
003129:17.8BAR	External Hydrostatic Relief Valve 1/2"	Rego LPG	0,18	36,18
003129:18.0BAR	External Hydrostatic Relief Valve 1/2"	Rego LPG	0,18	36,18
003129:18.1BAR	External Hydrostatic Relief Valve 1/2"	Rego LPG	0,18	36,18
003129:18.3BAR	External Hydrostatic Relief Valve 1/2"	Rego LPG	0,18	36,18
003129:18.4BAR	External Hydrostatic Relief Valve 1/2"	Rego LPG	0,18	36,18
003129:19.0BAR	External Hydrostatic Relief Valve 1/2"	Rego LPG	0,18	36,18

003129:19.3BAR	External Hydrostatic Relief Valve 1/2"	Rego LPG	0,18	36,18
003129:19.6BAR	External Hydrostatic Relief Valve 1/2"	Rego LPG	0,18	36,18
003129:20.0BAR	External Hydrostatic Relief Valve 1/2"	Rego LPG	0,18	36,18
003129:20.7BAR	External Hydrostatic Relief Valve 1/2"	Rego LPG	0,18	36,18
003129:21.0BAR	External Hydrostatic Relief Valve 1/2"	Rego LPG	0,18	36,18
003129:21.5BAR	External Hydrostatic Relief Valve 1/2"	Rego LPG	0,18	36,18
003129:21.7BAR	External Hydrostatic Relief Valve 1/2"	Rego LPG	0,18	36,18
003129:21.9BAR	External Hydrostatic Relief Valve 1/2"	Rego LPG	0,18	36,18
003129:22.0BAR	External Hydrostatic Relief Valve 1/2"	Rego LPG	0,18	36,18
003129:22.5BAR	External Hydrostatic Relief Valve 1/2"	Rego LPG	0,18	36,18
003129:23.0BAR	External Hydrostatic Relief Valve 1/2"	Rego LPG	0,18	36,18
003129:24.0BAR	External Hydrostatic Relief Valve 1/2"	Rego LPG	0,18	36,18
003129:24.5BAR	External Hydrostatic Relief Valve 1/2"	Rego LPG	0,18	36,18
003129:24.6BAR	External Hydrostatic Relief Valve 1/2"	Rego LPG	0,18	36,18
003129:25.0BAR	External Hydrostatic Relief Valve 1/2"	Rego LPG	0,18	36,18
003129:25.4BAR	External Hydrostatic Relief Valve 1/2"	Rego LPG	0,18	36,18
003129:25.8BAR	External Hydrostatic Relief Valve 1/2"	Rego LPG	0,18	36,18
003129:26.0BAR	External Hydrostatic Relief Valve 1/2"	Rego LPG	0,18	36,18
003129:27.0BAR	External Hydrostatic Relief Valve 1/2"	Rego LPG	0,18	36,18
003129:27.6BAR	External Hydrostatic Relief Valve 1/2"	Rego LPG	0,18	36,18
003129:28.0BAR	External Hydrostatic Relief Valve 1/2"	Rego LPG	0,18	36,18
003129:30.0BAR	External Hydrostatic Relief Valve 1/2"	Rego LPG	0,18	36,18
003129:31.7BAR	External Hydrostatic Relief Valve 1/2"	Rego LPG	0,18	36,18
003129:G	External Hydrostatic Relief Valve 1/2"	Rego LPG	0,18	36,18
003129:H	External Hydrostatic Relief Valve 1/2"	Rego LPG	0,18	36,18
003129:J	External Hydrostatic Relief Valve 1/2"	Rego LPG	0,18	36,18
003129:K	External Hydrostatic Relief Valve 1/2"	Rego LPG	0,18	36,18
003129:P	External Hydrostatic Relief Valve 1/2"	Rego LPG	0,18	36,18
003129:T	External Hydrostatic Relief Valve 1/2"	Rego LPG	0,18	36,18
003129:U	External Hydrostatic Relief Valve 1/2"	Rego LPG	0,18	36,18
003129-10	Pipe-Away Adapter 1/2" F.NPT	Rego LPG	0,06	8,84
003129-40P	Protective Cap -BLACK-	Rego LPG	0,01	1,74
003129G	External Hydrostatic Relief Valve 1/2" M.NPT	Rego LPG	0,18	36,18
003129H	External Hydrostatic Relief Valve 1/2" M.nPT	Rego LPG	0,18	36,18
003129J	External Hydrostatic Relief Valve 1/2" M.NPT	Rego LPG	0,18	36,18
003129K	External Hydrostatic Relief Valve 1/2" M.NPT	Rego LPG	0,18	36,18
003129L	External Hydrostatic Relief Valve 1/2" M.NPT	Rego LPG	0,18	36,18
003129P	External Hydrostatic Relief Valve 1/2" M.NPT	Rego LPG	0,18	36,18
003129U	External Hydrostatic Relief Valve 1/2" M.NPT	Rego LPG	0,18	36,18
003131:06.0BAR	External Pressure Relief Valve 3/4"	Rego LPG	0,48	56,59
003131:08.0BAR	External Pressure Relief Valve 3/4"	Rego LPG	0,48	56,59
003131:08.6BAR	External Pressure Relief Valve 3/4"	Rego LPG	0,48	56,59
003131:09.0BAR	External Pressure Relief Valve 3/4"	Rego LPG	0,48	56,59
003131:09.4BAR	External Pressure Relief Valve 3/4"	Rego LPG	0,48	56,59
003131:10.0BAR	External Pressure Relief Valve 3/4"	Rego LPG	0,48	56,59
003131:10.5BAR	External Pressure Relief Valve 3/4"	Rego LPG	0,48	56,59
003131:10.7BAR	External Pressure Relief Valve 3/4"	Rego LPG	0,48	56,59
003131:11.0BAR	External Pressure Relief Valve 3/4"	Rego LPG	0,48	56,59
003131:11.4BAR	External Pressure Relief Valve 3/4"	Rego LPG	0,48	56,59
003131:11.7BAR	External Pressure Relief Valve 3/4"	Rego LPG	0,48	56,59
003131:12.0BAR	External Pressure Relief Valve 3/4"	Rego LPG	0,48	56,59
003131:12.5BAR	External Pressure Relief Valve 3/4"	Rego LPG	0,48	56,59
003131:13.0BAR	External Pressure Relief Valve 3/4"	Rego LPG	0,48	56,59
003131:13.8BAR	External Pressure Relief Valve 3/4"	Rego LPG	0,48	56,59

003131:14.0BAR	External Pressure Relief Valve 3/4"	Rego LPG	0,48	56,59
003131:14.1BAR	External Pressure Relief Valve 3/4"	Rego LPG	0,48	56,59
003131:14.2BAR	External Pressure Relief Valve 3/4"	Rego LPG	0,48	56,59
003131:14.5BAR	External Pressure Relief Valve 3/4"	Rego LPG	0,48	56,59
003131:14.8BAR	External Pressure Relief Valve 3/4"	Rego LPG	0,48	56,59
003131:15.0BAR	External Pressure Relief Valve 3/4"	Rego LPG	0,48	56,59
003131:15.2BAR	External Pressure Relief Valve 3/4"	Rego LPG	0,48	56,59
003131:15.4BAR	External Pressure Relief Valve 3/4"	Rego LPG	0,48	56,59
003131:15.5BAR	External Pressure Relief Valve 3/4"	Rego LPG	0,48	56,59
003131:15.6BAR	External Pressure Relief Valve 3/4"	Rego LPG	0,48	56,59
003131:15.7BAR	External Pressure Relief Valve 3/4"	Rego LPG	0,48	56,59
003131:16.0BAR	External Pressure Relief Valve 3/4"	Rego LPG	0,48	56,59
003131:16.7BAR	External Pressure Relief Valve 3/4"	Rego LPG	0,48	56,59
003131:17.0BAR	External Pressure Relief Valve 3/4"	Rego LPG	0,48	56,59
003131:17.2BAR	External Pressure Relief Valve 3/4"	Rego LPG	0,48	56,59
003131:17.5BAR	External Pressure Relief Valve 3/4"	Rego LPG	0,48	56,59
003131:17.6BAR	External Pressure Relief Valve 3/4"	Rego LPG	0,48	56,59
003131:18.0BAR	External Pressure Relief Valve 3/4"	Rego LPG	0,48	56,59
003131:18.3BAR	External Pressure Relief Valve 3/4"	Rego LPG	0,48	56,59
003131:18:4BAR	External Pressure Relief Valve 3/4"	Rego LPG	0,48	56,59
003131:19.0BAR	External Pressure Relief Valve 3/4"	Rego LPG	0,48	56,59
003131:19.2BAR	External Pressure Relief Valve 3/4"	Rego LPG	0,48	56,59
003131:20.0BAR	External Pressure Relief Valve 3/4"	Rego LPG	0,48	56,59
003131:20.4BAR	External Pressure Relief Valve 3/4"	Rego LPG	0,48	56,59
003131:20.5B	External Pressure Relief Valve 3/4"	Rego LPG	0,48	56,59
003131:20.6B	External Pressure Relief Valve 3/4"	Rego LPG	0,48	56,59
003131:20.7BAR	External Pressure Relief Valve 3/4"	Rego LPG	0,48	56,59
003131:21.0BAR	External Pressure Relief Valve 3/4"	Rego LPG	0,48	56,59
003131:21.5BAR	External Pressure Relief Valve 3/4"	Rego LPG	0,48	56,59
003131:21.7BAR	External Pressure Relief Valve 3/4"	Rego LPG	0,48	56,59
003131:22.0BAR	External Pressure Relief Valve 3/4"	Rego LPG	0,48	56,59
003131:22.2BAR	External Pressure Relief Valve 3/4"	Rego LPG	0,48	56,59
003131:22.4BAR	External Pressure Relief Valve 3/4"	Rego LPG	0,48	56,59
003131:23.1BAR	External Pressure Relief Valve 3/4"	Rego LPG	0,48	56,59
003131:23.5BAR	External Pressure Relief Valve 3/4"	Rego LPG	0,48	56,59
003131:24.0BAR	External Pressure Relief Valve 3/4"	Rego LPG	0,48	56,59
003131:24.5BAR	External Pressure Relief Valve 3/4"	Rego LPG	0,48	56,59
003131:24.7BAR	External Pressure Relief Valve 3/4"	Rego LPG	0,48	56,59
003131:25.0BAR	External Pressure Relief Valve 3/4"	Rego LPG	0,48	56,59
003131:25.9BAR	External Pressure Relief Valve 3/4"	Rego LPG	0,48	56,59
003131:26.0BAR	External Pressure Relief Valve 3/4"	Rego LPG	0,48	56,59
003131:26.5BAR	External Pressure Relief Valve 3/4"	Rego LPG	0,48	56,59
003131:26.7BAR	External Pressure Relief Valve 3/4"	Rego LPG	0,48	56,59
003131:27.0BAR	External Pressure Relief Valve 3/4"	Rego LPG	0,48	56,59
003131:27.5BAR	External Pressure Relief Valve 3/4"	Rego LPG	0,48	56,59
003131:27.6BAR	External Pressure Relief Valve 3/4"	Rego LPG	0,48	56,59
003131:28.0BAR	External Pressure Relief Valve 3/4"	Rego LPG	0,48	56,59
003131:30.0BAR	External Pressure Relief Valve 3/4"	Rego LPG	0,48	56,59
003131:31.0BAR	External Pressure Relief Valve 3/4"	Rego LPG	0,48	56,59
003131:G	External Pressure Relief Valve 3/4"	Rego LPG	0,48	56,59
003131:H	External Pressure Relief Valve 3/4"	Rego LPG	0,48	56,59
003131:J	External Pressure Relief Valve 3/4"	Rego LPG	0,48	56,59
003131:K	External Pressure Relief Valve 3/4"	Rego LPG	0,48	56,59
003131:L	External Pressure Relief Valve 3/4"	Rego LPG	0,48	56,59

003131:P	External Pressure Relief Valve 3/4"	Rego LPG	0,48	56,59
003131:T	External Pressure Relief Valve 3/4"	Rego LPG	0,48	56,59
003131-10	Pipe-Away Adapter	Rego LPG	0,12	23,94
003131-41	Protective Cap - BLACK -	Rego LPG	0,01	5,30
003131G	External Pressure Relief Valve 3/4" M.NPT	Rego LPG	0,48	56,59
003131GS	External Pressure Relief Valve 3/4" M.NPT- for SaudiGas	Rego LPG		120,63
003132:04.0BAR	External Pressure Relief Valve 1-1/4" M.NPT	Rego LPG	1,29	166,91
003132:05.0BAR	External Pressure Relief Valve 1-1/4" M.NPT	Rego LPG	1,29	166,91
003132:08.0BAR	External Pressure Relief Valve 1-1/4" M.NPT	Rego LPG	1,29	166,91
003132:09.0BAR	External Pressure Relief Valve 1-1/4" M.NPT	Rego LPG	1,29	166,91
003132:10.0BAR	External Pressure Relief Valve 1-1/4" M.NPT	Rego LPG	1,29	166,91
003132:10.3BAR	External Pressure Relief Valve 1-1/4" M.NPT	Rego LPG	1,29	166,91
003132:12.0BAR	External Pressure Relief Valve 1-1/4" M.NPT	Rego LPG	1,29	166,91
003132:12.1BAR	External Pressure Relief Valve 1-1/4" M.NPT	Rego LPG	1,29	166,91
003132:13.4BAR	External Pressure Relief Valve 1-1/4" M.NPT	Rego LPG	1,29	166,91
003132:13.8BAR	External Pressure Relief Valve 1-1/4" M.NPT	Rego LPG	1,29	166,91
003132:14.5BAR	External Pressure Relief Valve 1-1/4" M.NPT	Rego LPG	1,26	166,91
003132:14.8BAR	External Pressure Relief Valve 1-1/4" M.NPT	Rego LPG	1,29	166,91
003132:15.0BAR	External Pressure Relief Valve 1-1/4" M.NPT	Rego LPG	1,29	166,91
003132:15.2BAR	External Pressure Relief Valve 1-1/4" M.NPT	Rego LPG	1,29	166,91
003132:15.5BAR	External Pressure Relief Valve 1-1/4" M.NPT	Rego LPG	1,29	166,91
003132:15.6BAR	External Pressure Relief Valve 1-1/4" M.NPT	Rego LPG	1,29	166,91
003132:15.7BAR	External Pressure Relief Valve 1-1/4" M.NPT	Rego LPG	1,29	166,91
003132:15.9BAR	External Pressure Relief Valve 1-1/4" M.NPT	Rego LPG	1,29	166,91
003132:16.0BAR	External Pressure Relief Valve 1-1/4" M.NPT	Rego LPG	1,29	166,91
003132:16.7BAR	External Pressure Relief Valve 1-1/4" M.NPT	Rego LPG	1,29	166,91
003132:17.5BAR	External Pressure Relief Valve 1-1/4" M.NPT	Rego LPG	1,29	166,91
003132:18.0BAR	External Pressure Relief Valve 1-1/4" M.NPT	Rego LPG	1,29	166,91
003132:18.4BAR	External Pressure Relief Valve 1-1/4" M.NPT	Rego LPG	1,29	166,91
003132:19.0BAR	External Pressure Relief Valve 1-1/4" M.NPT	Rego LPG	1,29	166,91
003132:19.5BAR	External Pressure Relief Valve 1-1/4" M.NPT	Rego LPG	1,29	166,91
003132:19.6BAR	External Pressure Relief Valve 1-1/4" M.NPT	Rego LPG	1,29	166,91
003132:20.0BAR	External Pressure Relief Valve 1-1/4" M.NPT	Rego LPG	1,29	166,91
003132:20.6BAR	External Pressure Relief Valve 1-1/4" M.NPT	Rego LPG	1,29	166,91
003132:22.0BAR	External Pressure Relief Valve 1-1/4" M.NPT	Rego LPG	1,29	166,91
003132:23.0BAR	External Pressure Relief Valve 1-1/4" M.NPT	Rego LPG	1,29	166,91
003132:25.0BAR	External Pressure Relief Valve 1-1/4" M.NPT	Rego LPG	1,29	166,91
003132:25.2BAR	External Pressure Relief Valve 1-1/4" M.NPT	Rego LPG	1,29	166,91
003132:26.2BAR	External Pressure Relief Valve 1-1/4" M.NPT	Rego LPG	1,29	166,91
003132:27.0BAR	External Pressure Relief Valve 1-1/4" M.NPT	Rego LPG	1,29	166,91
003132:G	External Pressure Relief Valve 1-1/4" M.NPT	Rego LPG	1,29	166,91
003132:H	External Pressure Relief Valve 1-1/4" M.NPT	Rego LPG	1,29	166,91
003132-10	Pipe-Away Adapter	Rego LPG	0,29	68,49
003132-4	Seat Disc	Rego LPG	0,01	5,30
003132-40	Protective Cap with Chain -METAL-	Rego LPG	0,02	13,63
003132G	External Pressure Relief Valve 1-1/4" M.NPT	Rego LPG	1,29	166,91
003132GS	External Pressure Relief Valve 1-1/4" M.NPT - for SaudiGas	Rego LPG		295,56
003133:08.0BAR	External Pressure Relief Valve 1-1/2"	Rego LPG	2,27	338,83
003133:09.0BAR	External Pressure Relief Valve 1-1/2"	Rego LPG	2,27	338,83
003133:10.0BAR	External Pressure Relief Valve 1-1/2"	Rego LPG	2,27	338,83
003133:11.7BAR	External Pressure Relief Valve 1-1/2"	Rego LPG	2,27	338,83
003133:13.0BAR	External Pressure Relief Valve 1-1/2"	Rego LPG	2,27	338,83
003133:13.4BAR	External Pressure Relief Valve 1-1/2"	Rego LPG	2,27	338,83
003133:13.6BAR	External Pressure Relief Valve 1-1/2"	Rego LPG	2,27	338,83

003133:13.7BAR	External Pressure Relief Valve 1-1/2"	Rego LPG	2,27	338,83
003133:13.8BAR	External Pressure Relief Valve 1-1/2"	Rego LPG	2,27	338,83
003133:14.0BAR	External Pressure Relief Valve 1-1/2"	Rego LPG	2,27	338,83
003133:14.4BAR	External Pressure Relief Valve 1-1/2"	Rego LPG	2,27	338,83
003133:14.5BAR	External Pressure Relief Valve 1-1/2"	Rego LPG	2,27	338,83
003133:14.8BAR	External Pressure Relief Valve 1-1/2"	Rego LPG	2,27	338,83
003133:15.0BAR	External Pressure Relief Valve 1-1/2"	Rego LPG	2,27	338,83
003133:15.5BAR	External Pressure Relief Valve 1-1/2"	Rego LPG	2,27	338,83
003133:15.6BAR	External Pressure Relief Valve 1-1/2"	Rego LPG	2,27	338,83
003133:15.7BAR	External Pressure Relief Valve 1-1/2"	Rego LPG	2,27	338,83
003133:16.0BAR	External Pressure Relief Valve 1-1/2"	Rego LPG	2,27	338,83
003133:16.7BAR	External Pressure Relief Valve 1-1/2"	Rego LPG	2,27	338,83
003133:17.0BAR	External Pressure Relief Valve 1 1/2"	Rego LPG	2,27	338,83
003133:17.6BAR	External Pressure Relief Valve 1 1/2"	Rego LPG	2,27	338,83
003133:18.0BAR	External Pressure Relief Valve 1 1/2"	Rego LPG	2,27	338,83
003133:G	External Pressure Relief Valve 1-1/2"	Rego LPG	2,27	338,83
003133-10	Pipe-Away Adapter	Rego LPG	0,45	162,20
003133-54	Protective Cap -YELLOW-	Rego LPG	0,02	2,42
003133G	External Pressure Relief Valve 1-1/2" M.NPT	Rego LPG	2,27	338,83
003135:10.0BAR	External Pressure Relief Valve 1-1/4"	Rego LPG	1,48	230,71
003135:11.5BAR	External Pressure Relief Valve 1-1/4"	Rego LPG	1,48	230,71
003135:12.0BAR	External Pressure Relief Valve 1-1/4"	Rego LPG	1,48	230,71
003135:12.1BAR	External Pressure Relief Valve 1-1/4"	Rego LPG	1,48	230,71
003135:13.0BAR	External Pressure Relief Valve 1-1/4"	Rego LPG	1,48	230,71
003135:13.7BAR	External Pressure Relief Valve 1-1/4"	Rego LPG	1,48	230,71
003135:13.8BAR	External Pressure Relief Valve 1-1/4"	Rego LPG	1,48	230,71
003135:14.0BAR	External Pressure Relief Valve 1-1/4"	Rego LPG	1,48	230,71
003135:14.5BAR	External Pressure Relief Valve 1-1/4"	Rego LPG	1,48	230,71
003135:14.7BAR	External Pressure Relief Valve 1-1/4"	Rego LPG	1,48	230,71
003135:14.8BAR	External Pressure Relief Valve 1-1/4"	Rego LPG	1,48	230,71
003135:14.9BAR	External Pressure Relief Valve 1-1/4"	Rego LPG	1,48	230,71
003135:15.0BAR	External Pressure Relief Valve 1-1/4"	Rego LPG	1,48	230,71
003135:15.1BAR	External Pressure Relief Valve 1-1/4"	Rego LPG	1,48	230,71
003135:15.2BAR	External Pressure Relief Valve 1-1/4"	Rego LPG	1,48	230,71
003135:15.5BAR	External Pressure Relief Valve 1-1/4"	Rego LPG	1,48	230,71
003135:15.6BAR	External Pressure Relief Valve 1-1/4"	Rego LPG	1,48	230,71
003135:15.7BAR	External Pressure Relief Valve 1-1/4"	Rego LPG	1,48	230,71
003135:15.8BAR	External Pressure Relief Valve 1-1/4"	Rego LPG	1,48	230,71
003135:16.0BAR	External Pressure Relief Valve 1-1/4"	Rego LPG	1,48	230,71
003135:16.7BAR	External Pressure Relief Valve 1-1/4"	Rego LPG	1,48	230,71
003135:17.0BAR	External Pressure Relief Valve 1-1/4"	Rego LPG	1,48	230,71
003135:17.5BAR	External Pressure Relief Valve 1-1/4"	Rego LPG	1,48	230,71
003135:17.6BAR	External Pressure Relief Valve 1-1/4"	Rego LPG	1,48	230,71
003135:18.4BAR	External Pressure Relief Valve 1-1/4"	Rego LPG	1,48	230,71
003135:19.0BAR	External Pressure Relief Valve 1-1/4"	Rego LPG	1,48	230,71
003135:19.5BAR	External Pressure Relief Valve 1-1/4"	Rego LPG	1,48	230,71
003135:19.6BAR	External Pressure Relief Valve 1-1/4"	Rego LPG	1,48	230,71
003135:20.0BAR	External Pressure Relief Valve 1-1/4"	Rego LPG	1,48	230,71
003135:21.0BAR	External Pressure Relief Valve 1-1/4"	Rego LPG	1,48	230,71
003135:22.0BAR	External Pressure Relief Valve 1-1/4"	Rego LPG	1,48	230,71
003135:23.0BAR	External Pressure Relief Valve 1-1/4"	Rego LPG	1,48	230,71
003135:24.0BAR	External Pressure Relief Valve 1-1/4"	Rego LPG	1,48	230,71
003135:24.1BAR	External Pressure Relief Valve 1-1/4"	Rego LPG	1,48	230,71
003135:G	External Pressure Relief Valve 1-1/4"	Rego LPG	1,48	230,71

003135:N	External Pressure Relief Valve 1-1/4"	Rego LPG	1,48	230,71
003135-10	Pipeaway Adapter 2" F.NPT	Rego LPG	0,35	55,36
003135-4	Seat Disc	Rego LPG	0,00	6,34
003135-40	Protective Cap with Chain for 3135 Series -METAL-	Rego LPG	0,02	14,99
003135-54	Protective Cap -YELLOW -	Rego LPG	0,02	2,42
003135G	External Pressure Relief Valve 1 1/4" M.NPT	Rego LPG	1,48	230,71
003135GS	External Pressure Relief Valve 1 1/4" M.NPT - for SaudiGas	Rego LPG		230,71
003135M:10.0Bar	External Pressure Relief Valve 1-1/4"	Rego LPG	1,48	230,71
003135M:14.8Bar	External Pressure Relief Valve 1-1/4"	Rego LPG	1,48	230,71
003135M:15.6Bar	External Pressure Relief Valve 1-1/4"	Rego LPG	1,48	230,71
003135M:17.0Bar	External Pressure Relief Valve 1-1/4"	Rego LPG	1,48	230,71
003135M:22.0Bar	External Pressure Relief Valve 1-1/4"	Rego LPG	1,48	230,71
003135M:G	External Pressure Relief Valve 1-1/4"	Rego LPG	1,48	230,71
003135MG	External Pressure Relief Valve 1 1/4" M.NPT	Rego LPG	1,48	230,71
003139-18	External Vapor Relief Valve 1/4"MNPT	Rego LPG	0,10	39,51
003139-26	External Vapor Relief Valve 1/4"MNPT	Rego LPG	0,10	39,51
003139-38	External Vapor Relief Valve 1/4"MNPT	Rego LPG	0,10	39,51
003144-91	Cap & Chain with Ring, Cycolac 1 1/4" F.AMCE for 7573	Rego LPG	0,02	7,99
003144-9P	Protective Cap -YELLOW-	Rego LPG	0,01	3,16
003146	Back Pressure Valves 3/4" F.NPT x 3/4" M.NPT	Rego LPG	0,18	26,33
003146S	Back Pressure Valves 3/4" F.NPT x 3/4" M.NPT	Rego LPG	0,18	36,12
003149-11SS	Seat Disc for A3149	Rego LPG	0,10	37,65
003149-12	Gasket	Rego LPG	0,01	7,02
003149-17	Screw Steel 1/4-20UNC X .5625	Rego LPG	0,01	1,85
003149-19	Washer	Rego LPG	0,01	1,85
003149-2A	Adjusting nut	Rego LPG	0,21	52,25
003149-4	Seat Disc -1712(SM) 2.187X0.130	Rego LPG	0,01	5,57
003149-40	Protective Cap - BLACK -	Rego LPG	0,04	11,77
003149-5	Seat Disc Retainer	Rego LPG	0,02	45,57
003149-8	Liner	Rego LPG	0,12	53,95
003162C-6P	Vent Stem assembly	Rego LPG	0,01	2,00
003165C	Vent Valve 1/4" M.NPT	Rego LPG	0,03	3,81
003165CF06.9	Vent Valve 1/4" M.NPT	Rego LPG	0,06	13,35
003165CF12.0	Vent Valve 1/4" M.NPT	Rego LPG	0,05	8,30
003165CF20.0	Vent Valve 1/4" M.NPT	Rego LPG	0,06	13,35
003165CP	Vent Valve 1/4" M.NPT	Rego LPG	0,04	5,92
003165D	Vent Valve 1/4" M.NPT with #72 drill orifice	Rego LPG	0,03	3,64
003165DF12.0	Vent Valve 1/4" M.NPT with #72 drill orifice	Rego LPG	0,05	8,95
003165DP	Vent Valve 1/4" M.NPT with #72 drill orifice	Rego LPG	0,04	5,06
003165SC	Vent Valve 1/4" M.NPT	Rego LPG	0,03	5,57
003170	Single Check Vapor Equalizing Valves	Rego LPG	0,18	109,02
003171	Hose Coupling 3/8" M.NPT x 1-1/4" F.ACME	Rego LPG	0,15	23,68
003171A	Hose Coupling 1/2" M.NPT x 1-1/4" F.ACME	Rego LPG	0,17	32,53
003174-91	Protective Cap -YELLOW- 3/4 " Ring	Rego LPG	0,03	10,45
003174-93	Protective Cap -YELLOW- 1 1/4 " Ring	Rego LPG	0,03	7,56
003174-93L	Protective Cap -YELLOW- with Lanyard	Rego LPG	0,02	7,56
003174-9P	Protective Cap -YELLOW- only Cap	Rego LPG	0,02	3,16
003174-9PF	Protective Cap -BLUE-	Rego LPG	0,02	3,26
003174C	Single Check Filler Valve 1-3/4" ACME x 1-1/4" M.NPT	Rego LPG	0,34	88,83
003175	Hose Coupling 3/4" M.NPT x 1-3/4" F.ACME	Rego LPG	0,30	31,97
003175-2	Coupling nut -brass- for 3175 and 3175B	Rego LPG	0,10	10,32
003175A	Hose Coupling 1" M.NPT x 1-3/4" F.ACME	Rego LPG	0,32	39,39
003175B	Hose Coupling 1/2" M.NPT x 1-3/4" F. ACME	Rego LPG	0,33	42,31
003175P	Coupling Plug, Brass	Rego LPG	0,28	36,12

003176	Back Pressure Valves 1.1/4" F.NPT x 1-1/4" M.NPT	Rego LPG	0,39	61,08
003179B	Filler Hose Adapter 1-3/4" F.ACME x1-3/4" M.ACME	Rego LPG	0,52	40,74
003180C	Single Check Vapor Equalizing Valves	Rego LPG	0,35	97,94
003181	Hose Coupling 3/4" M.NPT x 1-3/4" F.ACME	Rego LPG	0,30	121,89
003181A	Hose Coupling 1" M.NPT x 1-3/4" F.ACME	Rego LPG	0,33	79,15
003183AC	Double Check Vapor Equalizing Valves	Rego LPG	0,74	150,04
003184-90	Cap with Chain & Hook 2-1/4" F.ACME	Rego LPG	0,77	72,05
003185	Hose Coupling 1-1/4" M.NPT x 2-1/4" F.ACME	Rego LPG	0,81	125,02
003185-2	Coupling nut -Brass- 2.25 ACME	Rego LPG	0,43	57,40
003188B	Male POL Swivel Adapter	Rego LPG	0,15	58,97
003188C	Male POL Swivel Adapter	Rego LPG	0,15	58,97
003191	Hose Coupling 1-1/4" M.NPT x 2-1/4" F.ACME	Rego LPG	0,86	163,24
003194-19	Steel Washer	Rego LPG	0,00	1,17
003194-90	Cap with Chain & Hook 3-1/4" F.ACME	Rego LPG	2,07	147,79
003194-90G	Cap with Chain & Flange 3-1/4" F.ACME, Brass	Rego LPG	2,66	178,69
003194C	Single Check Filler Valve 3-1/4" ACME x 3" M.NPT	Rego LPG	4,33	472,44
003195	Hose Coupling 2" M.NPT x 3-1/4" F.ACME	Rego LPG	1,92	170,92
003195-1	Tailpiece Steel	Rego LPG	0,76	151,01
003195-2	Coupling nut -Brass- 3.25 ACME	Rego LPG	1,15	110,53
003195-50	Spanner Wrench	Rego LPG	0,41	69,10
003195S	Hose Coupling 2" M.NPT x 3-1/4" F.ACME	Rego LPG	1,99	301,91
003197C	Double Check Filler Valve 3 1/4" ACME x 3" M.NPT	Rego LPG	7,00	1037,90
003199W	Excess Flow Valve Male POL x 1/4"	Rego LPG	0,11	29,45
003200C	Remote Cable Controls for Internal Valves	Rego LPG	0,48	273,88
003200L	Operating Lever for Internal Valves	Rego LPG	4,06	337,69
003226A-3	Pressure Gauges 1/4" M.NPT / 30 PSI	Rego LPG	0,10	23,94
003272E	Excess Flow Valve 3/4" M.NPT x 3/4" F.NPT	Rego LPG	0,18	26,86
003272F	Excess Flow Valve 3/4" M.NPT x 3/4" F.NPT	Rego LPG	0,18	28,02
003272G	Excess Flow Valve 3/4" M.NPT x 3/4" F.NPT	Rego LPG	0,18	26,86
003272H	Excess Flow Valve 3/4" M.NPT x 3/4" F.NPT	Rego LPG	0,18	28,02
003282A	Excess Flow Valve 1-1/4" M.NPT x 1-1/4" F.NPT	Rego LPG	0,39	73,26
003282B	Excess Flow Valve 1-1/4" M.NPT x 1-1/4" F.NPT	Rego LPG	0,39	73,26
003282C	Excess Flow Valve 1-1/4" M.NPT x 1-1/4" F.NPT	Rego LPG	0,39	73,26
003292A	Excess Flow Valve 2" M.NPT x 2" F.NPT	Rego LPG	1,03	136,63
003292B	Excess Flow Valve 2" M.NPT x 2" F.NPT	Rego LPG	1,04	136,63
003294C-8	O-RING-012;0.070 X 0.364,NBR	Rego LPG	0,00	4,34
003705RC	POL Plug with Chain & Ring	Rego LPG	0,12	32,10
004403-16C	Inlet Nozzle for Regulator	Rego LPG		60,80
004403-23C	Cap for Regulator Black	Rego LPG	0,01	2,55
004403-30	Vent assy for Regulator	Rego LPG	0,00	3,30
005503-6A	Spring for Regulator LV005503	Rego LPG	0,04	10,32
005503-6C	Spring for Regulator LV005503	Rego LPG		17,84
005547	Pressure Gauges 1/4" M.NPT / 60 PSI	Rego LPG	0,10	39,91
005575	Pressure Gauges 1/4" M.NPT / 60 PSI	Rego LPG	0,13	71,13
005576	Pressure Gauges 1/4" M.NPT / 100 PSI	Rego LPG	0,12	44,01
005726B34	Automatic Changeover Regulator Outfits	Rego LPG	1,96	238,75
005760A	POL Adapter F.POL x 1/4" F.NPT	Rego LPG	0,11	15,12
005760B	POL Adapter F.POL x 3/8" F.NPT	Rego LPG	0,11	25,51
005760C	POL Adapter F.POL x 1/2" F.NPT	Rego LPG	0,14	15,12
005760D	POL Adapter F.POL x 3/4" F.NPT	Rego LPG	0,28	37,81
005760S	POL Adapter F.POL x F.POL (CGA 510)	Rego LPG	0,19	25,91
005761A	POL Adapter F.POL x 1/4" M.NPT	Rego LPG	0,11	13,35
005761B	POL Adapter F.POL x 3/8" M.NPT	Rego LPG	0,10	24,84
005761C	POL Adapter F.POL x 1/2" M.NPT	Rego LPG	0,11	13,74

005761D	POL Adapter F.POL x 3/4" M.NPT	Rego LPG	0,13	15,84
005763D	Adapter 1-1/4" ACME x 3/4" M.NPT	Rego LPG	0,12	34,20
005764A	Adapter brass, 1-3/4" M.ACME x 1/4" F.NPT	Rego LPG	0,24	23,80
005764B	Adapter brass, 1 3/4" M.ACME x 3/8" F.NPT	Rego LPG	0,23	91,33
005764C	Adapter brass, 1-3/4" M.ACME x 1/2" F.NPT	Rego LPG	0,23	36,45
005764D	Adapter brass, 1-3/4" M.ACME x 3/4" F.NPT	Rego LPG	0,21	30,95
005764E	Adapter brass, 1-3/4" M.ACME x 1" F.NPT	Rego LPG	0,23	33,06
005764W	Plug brass, 1-3/4" M.ACME x 3/8" -16 UNC Thread	Rego LPG		56,82
005765D	Adapter brass, 1-3/4" M.ACME x 3/4" M.NPT	Rego LPG	0,26	28,56
005765E	Adapter brass, 1-3/4" M.ACME x 1" M.NPT	Rego LPG	0,26	28,42
005765F	Adapter brass, 1-3/4" M.ACME x 1-1/4" M.NPT	Rego LPG	0,28	30,42
005765M	Coupling brass, 1-3/4" x 1-3/4" M.ACME Hex	Rego LPG	0,36	41,34
005765PR	Plug without Chain & Ring 1-3/4" M.ACME	Rego LPG	0,18	42,70
005765PRC	Plug with Chain & Ring -BRASS- 1-3/4"	Rego LPG	0,19	48,63
005766E	Adapter brass, 2-1/4" M.ACME x 1" F.NPT	Rego LPG	0,64	96,37
005766F	Adapter brass, 2-1/4" M.ACME x 1-1/4" F.NPT	Rego LPG	0,60	143,77
005767F	Adapter brass, 2-1/4" M.ACME x 1-1/4" M.NPT	Rego LPG	0,53	75,23
005767G	Adapter brass, 2-1/4" M.ACME x 1-1/2" M.NPT	Rego LPG	0,54	153,46
005767H	Adapter brass, 2-1/4" M.ACME x 2" M.NPT	Rego LPG	0,57	102,99
005767M	Coupling brass, 2-1/4" x 2-1/4" M.ACME Hex	Rego LPG	0,59	113,39
005768G	Adapter brass, 3-1/4" M.ACME x 1-1/2" F.NPT	Rego LPG	1,15	226,73
005768H	Adapter brass, 3-1/4"M. ACME x 2" F.NPT	Rego LPG	0,96	103,51
005769H	Adapter brass, 3-1/4" M.ACME x 2" M.NPT	Rego LPG	1,16	113,67
005769HVB	Adapter with Vent Valve & Integral Screen 3-1/4"	Rego LPG	1,30	199,36
005769HVSS	Adapter with Vent Valve & Integral Screen 3-1/4"	Rego LPG	1,30	132,16
005769K	Adapter brass, 3-1/4" M.ACME x 3"M.NPT	Rego LPG	2,21	201,60
005769M	Coupling brass, 3-1/4" x 3-1/4" M.ACME Hex	Rego LPG	1,30	196,70
005774	Adapter brass, 2-1/4" F.ACME x 1-3/4" M.ACME	Rego LPG	0,72	192,36
005776	Reducer Coupling 3-1/4" F. AMCE, brass	Rego LPG	1,84	168,28
005778	Adapter ACME 3 1/4" F. ACME x 2 1/4" M.ACME	Rego LPG	1,92	170,92
006016-13	Tee Connector Assy. for ESV	Rego LPG	0,12	81,50
006016-13A	Tee Connector Assy. for ESV	Rego LPG	0,12	73,79
006016-60C	Pneumatic Actuator Open/Close for ESV	Rego LPG	3,30	705,99
006016-60D	Remote Pneumatic Close Acc. for ESV-Serie	Rego LPG	0,45	413,49
006016-801	Transfer Cable Kit	Rego LPG		142,33
006016PN-50	ESV Pneumatic remote shutdown system kit	Rego LPG	2,12	1671,92
006016PN-80	ESV Bypass Kit for Pneumatic Actuators	Rego LPG	0,10	217,53
006016RA	Rotary Actuator Kit Open/Close for ESV	Rego LPG	1,60	705,99
006016RM	Remote Cable Closure Kit for RegO ESV-Serie	Rego LPG	2,30	444,55
006016TFA	ESV Thermal Latch assemly stainless steel	Rego LPG	0,24	232,15
006394-28	Roll Pin ,Coiled .125,.750 L,HD,SSTL	Rego LPG	0,01	2,00
006532R12.0	ASME Multivalve 3/4" M.NGT	Rego LPG	1,49	210,72
006533A10.5	DOT Multivalve 3/4" M.NGT	Rego LPG	0,93	97,38
006542A12.0	ASME Multivalve 1" M.NGT	Rego LPG	1,55	182,96
006542B-80	Repair Kit for Multi + Filler Valves	Rego LPG	0,03	13,90
006542R12.0	ASME Multivalve 1" M.NGT	Rego LPG	1,50	187,19
006543R11.7	DOT Multivalve 1" M.NGT	Rego LPG	1,48	189,02
006555R06.5	DOT Multivalve 3/4" M.NGT	Rego LPG	0,86	105,36
006555R10.6	DOT Multivalve 3/4" M.NGT	Rego LPG	0,86	105,36
006555R11.6	DOT Multivalve 3/4" M.NGT	Rego LPG	0,86	105,08
006555R12.0	DOT Multivalve 3/4" M.NGT	Rego LPG	0,93	117,79
006584-8	Seat Disc -1064(P) 1.375X0.187	Rego LPG	0,00	17,35
006584C	Single Check Filler Valve 2-1/4" ACME x 2" M.NPT	Rego LPG	1,45	222,22
006586D	Swing-Away Back Pressure Check Valves	Rego LPG	0,80	187,46

006587EC	Double Check Filler Valve 2-1/4" ACME x 2" M.NPT	Rego LPG	2,26	395,64
006588LE	Low Emission ACME Connector 3-1/4"	Rego LPG	3,92	479,42
006589LE	Low Emission ACME Connector 3-1/4"	Rego LPG	4,25	506,10
007053T	Quick-Acting Valves 1/2" x 1/2" F.NPT	Rego LPG	0,50	121,89
007141F	Check Connectors 1-1/4" F.ACME x 1/4" F.NPT	Rego LPG	0,16	20,48
007141FP	Cap Plug 1-1/4" F.ACME, Brass	Rego LPG	0,14	17,96
007141M	Check Connector 3/8" F.NPT x 1-1/4" M.ACME	Rego LPG	0,20	17,21
007141M-3R	Gasket (25)	Rego LPG	0,03	12,57
007141M-40	Protective Cap Black 1 1/4 od, neop.	Rego LPG	0,01	20,02
007141M-50	Repair Kit for Check Connectors	Rego LPG	0,01	10,74
007142LF	Connector 1-1/4" F.ACME -Left Hand x 1/4" F.NPT	Rego LPG	0,16	26,90
007142LM	Left Hand Connector 3/8" F.NPT x 1-1/4" M.ACME	Rego LPG	0,20	23,14
007177-50	Repair Kit for Control Valve	Rego LPG	0,02	69,03
007188	Master Cylinder with Actuator	Rego LPG	1,08	493,17
007188-4	DCO O-Ring-113; 0.103, 0.549 NBR	Rego LPG	0,00	5,18
007188-50	Repair Kit for Master Cylinder	Rego LPG	0,18	249,37
007188HS	Valve, Cylinder and Hose Assembly	Rego LPG	3,03	1027,99
007193-1	O-Ring -A700(M) 0.362X0.103	Rego LPG	0,00	1,03
007193-4B	Propane Filling Hose Assembly	Rego LPG		172,21
007193D-10	Hose End Adapter 1/4" M.NPT x M.POL (CGA 510)	Rego LPG	0,69	92,50
007193D-10L	Low Emission Hose End Adapter	Rego LPG	0,83	349,19
007193L-10A	Hose End Adapter 1/4" M.NPT	Rego LPG	0,88	135,22
007193T-10	Connector M.POL (CGA 510) x 1-5/16" M.ACME	Rego LPG	0,29	34,98
007193U-10	Hose End Adapter 1/4" M.NPT x M.POL (ACME)	Rego LPG	0,81	74,83
007194HD	Hydraulic Automatic Cylinder Filling System	Rego LPG	5,28	1492,45
007194MD	Hydraulic Automatic Cylinder Filling System	Rego LPG	5,14	1492,45
007501L	Double-Check Filler Valve "Low Emission"	Rego LPG	1,16	146,02
007502L	Double-Check Angle Filler Valve "Low Emission"	Rego LPG	1,27	183,25
007505-7	Stem Holder	Rego LPG	0,00	7,03
007505A-13	Lock nut for Globe Valve	Rego LPG	0,00	1,44
007505A-4	Seat disc	Rego LPG		4,40
007505A-8T	Washer Teflon .39 X .00 X .01	Rego LPG	0,00	1,17
007507-8	Gasket Nyl.	Rego LPG	0,00	4,27
007507A-4	Seat Disc	Rego LPG		6,74
007507A-5A	Disc Retainer Asm.	Rego LPG	0,06	87,42
007509-11	Housing Seal for Angle & Globe Valve	Rego LPG	0,08	71,04
007509-15	Handwheel for Globe Valve A7509	Rego LPG		73,51
007509-17	Spring for Globe Valve CYL;	Rego LPG	0,01	10,45
007509-42A	Packing Ring	Rego LPG		2,91
007509B-15	Handwheel for Globe Valve A7509/10 Iron	Rego LPG		100,62
007509B-9	Jam Ring	Rego LPG		3,71
007513-11	HOUSING (SEAL)	Rego LPG	0,08	29,18
007513-13	Locknut -steel- for TA8570	Rego LPG	0,01	1,17
007513-14	Stem for A7513 Valves	Rego LPG	0,26	92,92
007513-15	Handwheel, BL ;3.8/.56SQ,DFE	Rego LPG	0,39	20,79
007513-21	WASHER	Rego LPG	0,00	1,17
007513-25	O-Ring -A700(M) 0.612X0.103	Rego LPG	0,00	1,17
007519-36	O-Ring-011;0.070 X 0.301 NBR	Rego LPG		2,61
007525B34	Twin Stage Automatic Changeover Regulator	Rego LPG	1,50	198,94
007525B4	Twin Stage Automatic Changeover Regulator	Rego LPG	2,03	209,89
007525TD	Automatic Changeover for Regulator Series 7525B	Rego LPG	0,67	224,85
007534:	Semi Internal Pressure Relief Valve 2" M.NPT	Rego LPG	4,60	405,51
007534:06.0BAR	Semi Internal Pressure Relief Valve 2" M.NPT	Rego LPG	4,60	405,51
007534:06.5BAR	Semi Internal Pressure Relief Valve 2" M.NPT	Rego LPG	4,60	405,51

007534:06.9BAR	Semi Internal Pressure Relief Valve 2" M.NPT	Rego LPG	4,60	405,51
007534:07.0BAR	Semi Internal Pressure Relief Valve 2" M.NPT	Rego LPG	4,60	405,51
007534:08.0BAR	Semi Internal Pressure Relief Valve 2" M.NPT	Rego LPG	4,60	405,51
007534:08.6BAR	Semi Internal Pressure Relief Valve 2" M.NPT	Rego LPG	4,60	405,51
007534:09.0BAR	Semi Internal Pressure Relief Valve 2" M.NPT	Rego LPG	4,60	405,51
007534:09.4BAR	Semi Internal Pressure Relief Valve 2" M.NPT	Rego LPG	4,60	405,51
007534:10.0BAR	Semi Internal Pressure Relief Valve 2" M.NPT	Rego LPG	4,60	405,51
007534:10.5BAR	Semi Internal Pressure Relief Valve 2" M.NPT	Rego LPG	4,60	405,51
007534:11.5BAR	Semi Internal Pressure Relief Valve 2" M.NPT	Rego LPG	4,60	405,51
007534:12.0BAR	Semi Internal Pressure Relief Valve 2" M.NPT	Rego LPG	4,60	405,51
007534:12.4BAR	Semi Internal Pressure Relief Valve 2" M.NPT	Rego LPG	4,60	405,51
007534:12.5BAR	Semi Internal Pressure Relief Valve 2" M.NPT	Rego LPG	4,60	405,51
007534:12.7BAR	Semi Internal Pressure Relief Valve 2" M.NPT	Rego LPG	4,60	405,51
007534:13.0BAR	Semi Internal Pressure Relief Valve 2" M.NPT	Rego LPG	4,60	405,51
007534:13.7BAR	Semi Internal Pressure Relief Valve 2" M.NPT	Rego LPG	4,60	405,51
007534:13.8BAR	Semi Internal Pressure Relief Valve 2" M.NPT	Rego LPG	4,60	405,51
007534:14.0BAR	Semi Internal Pressure Relief Valve 2" M.NPT	Rego LPG	4,60	405,51
007534:14.5BAR	Semi Internal Pressure Relief Valve 2" M.NPT	Rego LPG	4,60	405,51
007534:14.7BAR	Semi Internal Pressure Relief Valve 2" M.NPT	Rego LPG	4,60	405,51
007534:14.8BAR	Semi Internal Pressure Relief Valve 2" M.NPT	Rego LPG	4,60	405,51
007534:15.0BAR	Semi Internal Pressure Relief Valve 2" M.NPT	Rego LPG	4,60	405,51
007534:15.5BAR	Semi Internal Pressure Relief Valve 2" M.NPT	Rego LPG	4,60	405,51
007534:15.6BAR	Semi Internal Pressure Relief Valve 2" M.NPT	Rego LPG	4,60	405,51
007534:15.8BAR	Semi Internal Pressure Relief Valve 2" M.NPT	Rego LPG	4,60	405,51
007534:16.0BAR	Semi Internal Pressure Relief Valve 2" M.NPT	Rego LPG	4,60	405,51
007534:16.3BAR	Semi Internal Pressure Relief Valve 2" M.NPT	Rego LPG	4,60	405,51
007534:16.7BAR	Semi Internal Pressure Relief Valve 2" M.NPT	Rego LPG	4,60	405,51
007534:17.0BAR	Semi Internal Pressure Relief Valve 2" M.NPT	Rego LPG	4,60	405,51
007534:17.5BAR	Semi Internal Pressure Relief Valve 2" M.NPT	Rego LPG	4,60	405,51
007534:17.6BAR	Semi Internal Pressure Relief Valve 2" M.NPT	Rego LPG	4,60	405,51
007534:18.2BAR	Semi Internal Pressure Relief Valve 2" M.NPT	Rego LPG	4,60	405,51
007534:18.3BAR	Semi Internal Pressure Relief Valve 2" M.NPT	Rego LPG	4,60	405,51
007534:18.4BAR	Semi Internal Pressure Relief Valve 2" M.NPT	Rego LPG	4,60	405,51
007534:18.6BAR	Semi Internal Pressure Relief Valve 2" M.NPT	Rego LPG	4,60	405,51
007534:18.9BAR	Semi Internal Pressure Relief Valve 2" M.NPT	Rego LPG	4,60	405,51
007534:19.0BAR	Semi Internal Pressure Relief Valve 2" M.NPT	Rego LPG	4,60	405,51
007534:19.2BAR	Semi Internal Pressure Relief Valve 2" M.NPT	Rego LPG	4,60	405,51
007534:19.3BAR	Semi Internal Pressure Relief Valve 2" M.NPT	Rego LPG	4,60	405,51
007534:19.6BAR	Semi Internal Pressure Relief Valve 2" M.NPT	Rego LPG	4,60	405,51
007534:19.7BAR	Semi Internal Pressure Relief Valve 2" M.NPT	Rego LPG	4,60	405,51
007534:20.0BAR	Semi Internal Pressure Relief Valve 2" M.NPT	Rego LPG	4,60	405,51
007534:20.5BAR	Semi Internal Pressure Relief Valve 2" M.NPT	Rego LPG	4,60	405,51
007534:20.7BAR	Semi Internal Pressure Relief Valve 2" M.NPT	Rego LPG	4,60	405,51
007534:20.8BAR	Semi Internal Pressure Relief Valve 2" M.NPT	Rego LPG	4,60	405,51
007534:21.0BAR	Semi Internal Pressure Relief Valve 2" M.NPT	Rego LPG	4,60	405,51
007534:21.2BAR	Semi Internal Pressure Relief Valve 2" M.NPT	Rego LPG	4,60	405,51
007534:21.5BAR	Semi Internal Pressure Relief Valve 2" M.NPT	Rego LPG	4,60	405,51
007534:21.6BAR	Semi Internal Pressure Relief Valve 2" M.NPT	Rego LPG	4,60	405,51
007534:22.0BAR	Semi Internal Pressure Relief Valve 2" M.NPT	Rego LPG	4,60	405,51
007534:22.1BAR	Semi Internal Pressure Relief Valve 2" M.NPT	Rego LPG	4,60	405,51
007534:22.3BAR	Semi Internal Pressure Relief Valve 2" M.NPT	Rego LPG	4,60	405,51
007534:22.5BAR	Semi Internal Pressure Relief Valve 2" M.NPT	Rego LPG	4,60	405,51
007534:22.7BAR	Semi Internal Pressure Relief Valve 2" M.NPT	Rego LPG	4,60	405,51
007534:23.0BAR	Semi Internal Pressure Relief Valve 2" M.NPT	Rego LPG	4,60	405,51

007534:23.4BAR	Semi Internal Pressure Relief Valve 2" M.NPT	Rego LPG	4,60	405,51
007534:24.0BAR	Semi Internal Pressure Relief Valve 2" M.NPT	Rego LPG	4,60	405,51
007534:24.3BAR	Semi Internal Pressure Relief Valve 2" M.NPT	Rego LPG	4,60	405,51
007534:24.5BAR	Semi Internal Pressure Relief Valve 2" M.NPT	Rego LPG	4,60	405,51
007534:24.9BAR	Semi Internal Pressure Relief Valve 2" M.NPT	Rego LPG	4,60	405,51
007534:25.0BAR	Semi Internal Pressure Relief Valve 2" M.NPT	Rego LPG	4,60	405,51
007534:27.0BAR	Semi Internal Pressure Relief Valve 2" M.NPT	Rego LPG	4,60	405,51
007534:28.3BAR	Semi Internal Pressure Relief Valve 2" M.NPT	Rego LPG	4,60	405,51
007534:29.4BAR	Semi Internal Pressure Relief Valve 2" M.NPT	Rego LPG	4,60	405,51
007534:30.0BAR	Semi Internal Pressure Relief Valve 2" M.NPT	Rego LPG	4,60	405,51
007534:G	Semi Internal Pressure Relief Valve 2" M.NPT	Rego LPG	4,60	405,51
007534:H	Semi Internal Pressure Relief Valve 2" M.NPT	Rego LPG	4,60	405,51
007534:J	Semi Internal Pressure Relief Valve 2" M.NPT	Rego LPG	4,60	405,51
007534-10	Seat Disk	Rego LPG	0,01	5,99
007534-11	Washer Brass 1.68 x .51 x .09	Rego LPG	0,02	3,71
007534-20	Pipeaway Adapter 2" M.NPT	Rego LPG	0,89	140,24
007534-40X	Protective Cap -BLACK-	Rego LPG	0,04	40,07
007534-7	Stem & Seat Disc Retainer Asm., Buna N	Rego LPG	0,72	95,59
007534G	Semi Internal Pressure Relief Valve 2" M.NPT	Rego LPG	4,60	405,51
007543-10	Pipeaway Adapter 1-1/4" M.NPT	Rego LPG	0,10	40,19
007544-11A	Pipeaway Adapter 1-1/4" M.NPT	Rego LPG	0,11	12,06
007544-41	Clos, Ext #1-20 thd, plas	Rego LPG	0,11	4,51
007545-12	Elbow Adapter 90°	Rego LPG	0,05	6,34
007545-14	Elbow Adapter 45°	Rego LPG	0,03	4,89
007545-40	Protective Cap -BLACK-	Rego LPG	0,01	3,59
007550-15	Repair Kit for Transfer Valves	Rego LPG	0,26	107,10
007550-2B	Check Assembly	Rego LPG	0,02	25,30
007550-9G	Plug & Gasket Assembly, Brass	Rego LPG	0,06	9,65
007550G	Flange Seal Liquid Transfer Angle Valve 3/4" M.NGT	Rego LPG	0,65	85,50
007550GX	Flange Seal Liquid Transfer Angle Valve 3/4" M.NGT	Rego LPG	0,66	85,50
007550P	Flange Seal Liquid Transfer Angle Valve 3/4" M.NGT	Rego LPG	0,68	63,59
007550PX	Flange Seal Liquid Transfer Angle Valve 3/4" M.NGT	Rego LPG	0,69	85,50
007551P	Flange Seal Liquid Transfer Angle Valve	Rego LPG	0,72	85,50
007553S-6	Washer Nylon 75 X .31 X .06	Rego LPG	0,00	1,30
007553T-50	Bonnet Assembly	Rego LPG		213,15
007553T-80	Repair Kit for Quick Acting Valve A7553A	Rego LPG	0,02	18,44
007554A-2	Stem for Angle & Globe Valve	Rego LPG		62,85
007554LAV	Quick-Acting Valve 1/2" F.NPT	Rego LPG	1,13	244,38
007554LV	Quick-Acting Valve 3/4" F.NPT	Rego LPG	1,13	220,23
007554S-20	Repair Kit for Quick Acting Valves	Rego LPG	0,35	228,76
007554SAV	Quick-Acting Valve 1/2" F.NPT	Rego LPG	1,11	228,13
007554SV	Quick-Acting Valve 3/4" F.NPT	Rego LPG	1,08	228,13
007556R12.0	ASME Multivalve 3/4" M.NGT	Rego LPG	0,85	93,60
007556RG12.0	ASME Multivalve, W/DIP TUBE EUR	Rego LPG	0,86	97,13
007556RGT	ASME Multivalve 3/4" M.NGT	Rego LPG	0,82	90,25
007556VR12.0	ASME Multivalve 3/4" M.NGT	Rego LPG	0,78	84,48
007556VR15.0	ASME Multivalve 3/4" M.NGT	Rego LPG	0,78	84,48
007556VR23.0	ASME Multivalve 3/4" M.NGT	Rego LPG	0,81	84,48
007556-Y12.0	Dip Tube 357mm/PL305mm standard	Rego LPG	0,04	6,86
007556-Y15.0	Dip Tube 445mm/381mm Standard	Rego LPG	0,04	6,86
007556-Y23.0	Dip Tube 635 mm /584mm Standard	Rego LPG	0,06	6,86
007556-Y24.0	Dip Tube for Multivalve, standard Y007522	Rego LPG	0,06	6,31
007560-13	Cover	Rego LPG	0,07	19,63
007560-15	Handwheel Iron for TA8570	Rego LPG	0,55	32,90

007560-22	Strap	Rego LPG	0,01	7,56
007560-23	Screw Steel f. TA8570	Rego LPG	0,01	1,85
007560-24	Screw -Steel-	Rego LPG	0,01	7,70
007560-30T	Disc Teflon .500 OD	Rego LPG	0,00	2,00
007560-32T	Gasket for 8560-26TP	Rego LPG	0,00	1,74
007560-34	Steel Collar	Rego LPG	0,02	63,59
007560-50	Plug Assembly for Multiport	Rego LPG	0,22	32,61
007560-53	Spring Pin (Coiled Type)	Rego LPG	0,01	10,32
007560-55	Bolt Stud and Nut Assemblies for Multiport	Rego LPG	0,31	48,72
007560-56	Bolt-Stud & Nut	Rego LPG	0,17	39,77
007560-60	Nut for Internal Valve	Rego LPG	0,05	2,68
007560-61-1	Number Plate 1	Rego LPG	0,00	5,99
007560-61-2	Number Plate 2	Rego LPG	0,00	5,99
007560-61-3	Number Plate 3	Rego LPG	0,00	5,99
007560-61-4	Number Plate 4	Rego LPG	0,00	5,99
007560-9	Miter Gear	Rego LPG		107,64
007564-20	Instruction Plate	Rego LPG	0,01	11,16
007564-21	Instruction Plate	Rego LPG	0,01	11,16
007572C-14A	Chek-Lok Adapter 3/4" M.NPT x 3/4" F.NPT	Rego LPG	0,15	15,84
007572C-14C	Special Chek-Lok Adapter 3/4" M.NPT x 3/4" F.NPT	Rego LPG	0,16	35,85
007572C-15A	Chek-Lok Adapter 3/4" M.NPT x 3/4" M.NPT	Rego LPG	0,14	83,80
007572FIT	Chek-Lok Liquid Withdrawal Excess Flow Valves	Rego LPG	0,25	40,95
007573A-81	Repair Kit for Vapor Return Valves	Rego LPG	0,02	14,47
007573D	Double Check Vapor Equalizing Valves	Rego LPG	0,21	44,41
007573DC	Double Check Vapor Equalizing Valves	Rego LPG	0,22	53,82
007574	Excess Flow Valve 1-1/2" M.NPT x 1-1/2" F.NPT	Rego LPG	0,62	117,00
007574L	Excess Flow Valve 1-1/2" M.NPT x 1-1/2" F.NPT	Rego LPG	0,62	116,73
007576	Hose-End Valve Adapter	Rego LPG	1,26	455,51
007577V	Filler Hose Adapter 1-3/4" F. ACMEx1-3/4" M.ACME	Rego LPG	0,75	95,28
007579-50	Repair Kit for Filler Valves	Rego LPG	0,16	27,80
007579-80	Repair Kit for Filler Valves	Rego LPG	0,04	15,15
007579P	Double Check Filler Valve 1-3/4" ACME x 1-1/4" M.NPT	Rego LPG	0,69	189,69
007579S	Double-Check Filler Valve 1-3/4" ACME x 1-1/2" M.NPT	Rego LPG	0,64	164,79
007580F-20	Liquid Evacuation Adapter for Chek-Lok	Rego LPG	0,90	470,67
007580FIT	Chek-Lok Liquid Withdrawal Excess Flow Valves	Rego LPG	0,53	43,74
007583:13.8BAR	Semi-Internal Pressure Relief Valve 3/4"	Rego LPG	0,45	44,29
007583:14.0BAR	Semi-Internal Pressure Relief Valve 3/4"	Rego LPG	0,45	44,29
007583:14.5BAR	Semi-Internal Pressure Relief Valve 3/4"	Rego LPG	0,45	44,29
007583:15.5BAR	Semi-Internal Pressure Relief Valve 3/4"	Rego LPG	0,45	44,29
007583:15.6BAR	Semi-Internal Pressure Relief Valve 3/4"	Rego LPG	0,45	44,29
007583:16.0BAR	Semi-Internal Pressure Relief Valve 3/4"	Rego LPG	0,45	44,29
007583:16.7BAR	Semi-Internal Pressure Relief Valve 3/4"	Rego LPG	0,45	44,29
007583:17.0BAR	Semi-Internal Pressure Relief Valve 3/4"	Rego LPG	0,45	44,29
007583:17.6BAR	Semi-Internal Pressure Relief Valve 3/4"	Rego LPG	0,45	44,29
007583:20.0BAR	Semi-Internal Pressure Relief Valve 3/4"	Rego LPG	0,45	44,29
007583:21.5BAR	Semi-Internal Pressure Relief Valve 3/4"	Rego LPG	0,45	44,29
007583:G	Semi-Internal Pressure Relief Valve 3/4"	Rego LPG	0,44	44,29
007583-40X	Protective Cap -BLACK -	Rego LPG	0,01	5,43
007583G	Semi-Internal Pressure Relief Valve 3/4" M.NPT	Rego LPG	0,40	44,29
007585-40X	Protective Cap -BLACK -	Rego LPG	0,01	5,99
007585A-13	Stem & Disc Retainer	Rego LPG	0,24	29,80
007590U-10	Union Style Adapter 1-5/8" UNF x 3/4" F.NPT	Rego LPG	0,25	27,61
007590U-20	Chek-Lok Liquid Evacuation Adapter	Rego LPG	0,96	270,96
007590UT	Chek-Lok Valve 3/4" M. NPT x 1-5/8" UNF	Rego LPG	0,40	49,18

007591UT	Chek-Lok Valve 1-1/4" M.NPT x 1-5/8" UNF	Rego LPG	0,64	63,75
007647DC	DoubleCheck Filler Valve 1 3/4" ACME & F.POL Hose Connection	Rego LPG	0,45	110,51
007647H	Double Check Filler Valve 1/2" F.NPT Hose Connection	Rego LPG	0,42	36,88
007647SA	Double Check Filler Valve 30°Angle on 1-1/4" ACME Hose Conn.	Rego LPG	0,45	34,64
007647SC	Double Check Filler Valve w/LG Wrench Flats 1 3/4" hex Hose Con	Rego LPG	0,36	32,77
007647SCT	Double Check Filler Valve w/LG Wrench Flats 1 3/4" hex Hose Con	Rego LPG	0,36	32,77
007704LP	Flange Seal Angle Valve 1/2" x 1/2" F.NPT	Rego LPG	0,87	133,23
007704P	Flange Seal Globe Valve 1/2" x 1/2" F.NPT	Rego LPG	1,05	126,57
007705P	Flange Seal Globe Valve 3/4" x 3/4" F.NPT	Rego LPG	1,02	126,57
007706P	Flange Seal Angle Valve 3/4" x 3/4" F.NPT	Rego LPG	0,83	126,57
007879C	Double Check Filler Valve, Brass	Rego LPG	0,47	85,35
007884-25SS	Strainer Metal perf	Rego LPG		315,78
007884-29	Gasket for A3219F	Rego LPG	0,12	47,84
007884-3SS	Piston Retainer	Rego LPG	0,39	602,44
007884-40SST	Packing Nut Assmbly	Rego LPG	0,17	444,34
007901T	Quick-Acting Valve 1/4" x 1/4" F.NPT	Rego LPG	0,56	78,90
007901T-50	Repair Kit for Quick Acting Valves	Rego LPG	0,20	66,55
007901TA	Quick-Acting Valve 3/8" x 3/8" F.NPT	Rego LPG	0,54	78,90
007901TB	Quick-Acting Valve 1/2" x 1/4" F.NPT	Rego LPG	0,52	78,90
007901TC	Quick-Acting Valve 1/2" x 1/2" F.NPT	Rego LPG	0,49	78,90
007901TLC	Quick-Acting Valve 1/2" x 1/2" F.NPT	Rego LPG		119,07
008001-54	Protective Cap for -YELLOW-	Rego LPG	0,01	1,44
008001-55	Protective Cap for SS80 Serie -Black-	Rego LPG	0,00	2,00
008092-10	LOCKNUT STL;1.313-18 THD	Rego LPG	0,02	6,58
008092-15	Nut STLPBT 1-18-2AG	Rego LPG	0,07	36,20
008092-8	Indicator for Rotogauges	Rego LPG	0,18	52,25
008100-50	Repair Kit	Rego LPG	0,14	34,98
008118P	Multipurpose Valve 1-1/4"	Rego LPG	2,12	383,75
008475-50L	Extended Fill Adapter for Multivalves	Rego LPG		59,25
008475-51A	Repair Kit for Multivalves	Rego LPG	0,13	29,18
008475-80	Repair Kit for Multi + Fillervalves old Version	Rego LPG	0,04	15,15
008475-81A	Repair Kit for Multivalves	Rego LPG	0,03	9,70
008475L-50	Filler Valve Repair/Retrofit Kits Multivalves	Rego LPG	0,45	60,58
008475L-80	Filler Valve Repair/Retrofit Kits Multivalves	Rego LPG		21,76
008475-X30.0	TUBE BRS 3/16 X 040 X 30L	Rego LPG	0,08	7,30
008532AG	Delta Port 2" M-NPTF	Rego LPG		5171,52
008533AG	Delta Port 2" M-NPTF	Rego LPG	22,50	5342,46
008540-50	Repair Kit for Duoport 8542 Serie	Rego LPG	0,27	389,43
008542:10.0BAR	Duoport 2" M.NPT	Rego LPG	7,50	1669,29
008542:12.0BAR	Duoport 2" M.NPT	Rego LPG	7,50	1669,29
008542:12.1BAR	Duoport 2" M.NPT	Rego LPG	7,50	1669,29
008542:13.8BAR	Duoport 2" M.NPT	Rego LPG	7,50	1669,29
008542:14.5BAR	Duoport 2" M.NPT	Rego LPG	7,50	1669,29
008542:14.8BAR	Duoport 2" M.NPT	Rego LPG	7,50	1669,29
008542:15.0BAR	Duoport 2" M.NPT	Rego LPG	7,50	1669,29
008542:15.1BAR	Duoport 2" M.NPT	Rego LPG	7,50	1669,29
008542:15.2BAR	Duoport 2" MNPT	Rego LPG	7,50	1669,29
008542:15.5BAR	Duoport 2" M.NPT	Rego LPG	7,50	1669,29
008542:15.6BAR	Duoport 2" M.NPT	Rego LPG	7,50	1669,29
008542:16.0BAR	Duoport 2" M.NPT	Rego LPG	7,50	1669,29
008542:17.0BAR	Duoport 2" M.NPT	Rego LPG	7,50	1669,29
008542:18.4BAR	Duoport 2" M.NPT	Rego LPG	7,50	1669,29
008542:20.0BAR	Duoport 2" M.NPT	Rego LPG	7,50	1669,29
008542:24.1BAR	Duoport 2" M.NPT	Rego LPG	7,50	1669,29

008542:G	Duoport 2" M.NPT	Rego LPG	7,50	1669,29
008542:KZ	Duoport 2" M.NPT	Rego LPG	7,50	1669,29
008542G	Duoport 2" M.NPT	Rego LPG	7,50	1669,29
008543G	Fully Internal Pressure Relief Valve 1 1/4"M.NPT	Rego LPG	0,37	83,26
008543T	Fully Internal Pressure Relief Valve 1 1/4"M.NPT	Rego LPG	0,37	83,26
008544G	Fully Internal Pressure Relief Valve 1" M.NPT	Rego LPG	0,24	38,09
008544K	Fully Internal Pressure Relief Valve 1" M.NPT	Rego LPG	0,24	38,09
008544T	Fully Internal Pressure Relief Valve 1" M.NPT	Rego LPG	0,22	38,09
008555D10.6	DOT Multivalve 3/4" M.NGT	Rego LPG	0,82	78,36
008555D11.6	DOT Multivalve 3/4" M.NGT	Rego LPG	0,78	78,36
008555DL11.6	DOT Multivalve 3/4" M.NGT	Rego LPG	1,08	201,04
008555R10.6	DOT Multivalve 3/4" M.NGT	Rego LPG	0,86	83,38
008555R11.6	DOT Multivalve 3/4" M.NGT	Rego LPG	0,86	83,38
008556	Dual Cylinder Valve	Rego LPG	1,13	301,25
008556-PAN	Dual Cylinder Valve with Propylene seat	Rego LPG	1,00	623,48
008560-12SS	Stem SSTL 4-5/32 L	Rego LPG	0,21	53,14
008560-13T	WASHER	Rego LPG	0,01	2,76
008560-15SS	Packing Gland	Rego LPG	0,04	22,50
008560-16TK	Seat Ring Assembly for TA8570	Rego LPG	0,13	87,56
008560-17T	Jam Ring for TA8570	Rego LPG	0,01	4,40
008560-18T	Pressure Seal Ring	Rego LPG	0,01	3,71
008560-21T	Seal Ring for TA8570	Rego LPG	0,01	5,43
008560-23T	Lever & Stem Assembly for TA8570	Rego LPG	0,61	333,68
008560-25T	Gasket, Gland Teflon for Multiport	Rego LPG	0,01	16,18
008560-26TP	Bleeder Valve Assembly	Rego LPG	0,11	87,61
008560-27SS	Seat Insert for Multiport Base	Rego LPG		272,48
008560-29	Cam Plate	Rego LPG	0,21	18,17
008560-30SS	Spring Com for TA8570	Rego LPG	0,01	5,86
008560-31	Thumb Screw	Rego LPG	0,00	21,25
008560-50	Repair Kit for Multiport	Rego LPG	1,03	534,44
008560-6SS	Leaf Spring for TA8570	Rego LPG	0,01	22,64
008560-7SS	Leaf Spring for TA8570	Rego LPG	0,01	6,74
008560-8SS	Leaf Spring for TA8570	Rego LPG	0,01	16,44
008560-9	Washer steel for TA8570	Rego LPG	0,00	2,42
008593AL16.0	Low Liquid Emission ASME Multivalve 1 1/2" M.NPT	Rego LPG	1,16	276,76
008594-1A	Gasket -Nylon- for 7572FCT	Rego LPG	0,00	1,03
008594-2A	Plug & Gasket Assembly	Rego LPG	0,07	9,16
008684:13.8BAR	Semi-Internal Pressure Relief Valve 1"	Rego LPG	0,62	49,18
008684:14.5BAR	Semi-Internal Pressure Relief Valve 1"	Rego LPG	0,62	49,18
008684:14.8BAR	Semi-Internal Pressure Relief Valve 1"	Rego LPG	0,62	49,18
008684:15.5BAR	Semi-Internal Pressure Relief Valve 1"	Rego LPG	0,62	49,18
008684:15.6BAR	Semi-Internal Pressure Relief Valve 1"	Rego LPG	0,62	49,18
008684:16.0BAR	Semi-Internal Pressure Relief Valve 1"	Rego LPG	0,62	49,18
008684:16.7BAR	Semi-Internal Pressure Relief Valve 1"	Rego LPG	0,62	49,18
008684:18.0BAR	Semi-Internal Pressure Relief Valve 1"	Rego LPG	0,62	49,18
008684:18.4BAR	Semi-Internal Pressure Relief Valve 1"	Rego LPG	0,62	49,18
008684:18.5BAR	Semi-Internal Pressure Relief Valve 1"	Rego LPG	0,62	49,18
008684:19.0BAR	Semi-Internal Pressure Relief Valve 1"	Rego LPG	0,62	49,18
008684:19.7BAR	Semi-Internal Pressure Relief Valve 1"	Rego LPG	0,62	49,18
008684:20.0BAR	Semi-Internal Pressure Relief Valve 1"	Rego LPG	0,62	49,18
008684:G	Semi-Internal Pressure Relief Valve 1"	Rego LPG	0,62	49,18
008684-40	Protective Cap -BLACK -	Rego LPG	0,01	3,86
008684G	Semi-Internal Pressure Relief Valve 1" M.NPT	Rego LPG	0,62	49,18
008685:10.0BAR	Semi-Internal Pressure Relief Valve 1-1/4"	Rego LPG	1,05	73,38

008685:13.0BAR	Semi-Internal Pressure Relief Valve 1-1/4"	Rego LPG	1,05	73,38
008685:13.7BAR	Semi-Internal Pressure Relief Valve 1-1/4"	Rego LPG	1,05	73,38
008685:13.8BAR	Semi-Internal Pressure Relief Valve 1-1/4"	Rego LPG	1,05	73,38
008685:14.0BAR	Semi-Internal Pressure Relief Valve 1-1/4"	Rego LPG	1,06	73,38
008685:14.5BAR	Semi-Internal Pressure Relief Valve 1-1/4"	Rego LPG	1,06	73,38
008685:14.8BAR	Semi-Internal Pressure Relief Valve 1-1/4"	Rego LPG	1,06	73,38
008685:15.0BAR	Semi-Internal Pressure Relief Valve 1-1/4"	Rego LPG	1,06	73,38
008685:15.5BAR	Semi-Internal Pressure Relief Valve 1-1/4"	Rego LPG	1,05	73,38
008685:15.6BAR	Semi-Internal Pressure Relief Valve 1-1/4"	Rego LPG	1,05	73,38
008685:16.0BAR	Semi-Internal Pressure Relief Valve 1-1/4"	Rego LPG	1,06	73,38
008685:16.7BAR	Semi-Internal Pressure Relief Valve 1-1/4"	Rego LPG	1,05	73,38
008685:17.65BAR	Semi-Internal Pressure Relief Valve 1-1/4"	Rego LPG	1,05	73,38
008685:17.6BAR	Semi-Internal Pressure Relief Valve 1-1/4"	Rego LPG	1,05	73,38
008685:18.0BAR	Semi-Internal Pressure Relief Valve 1-1/4"	Rego LPG	1,05	73,38
008685:18.7BAR	Semi-Internal Pressure Relief Valve 1-1/4"	Rego LPG	1,05	73,38
008685:19.3BAR	Semi-Internal Pressure Relief Valve 1-1/4"	Rego LPG	1,05	73,38
008685:19.6BAR	Semi-Internal Pressure Relief Valve 1-1/4"	Rego LPG	1,05	73,38
008685:20.0BAR	Semi-Internal Pressure Relief Valve 1-1/4"	Rego LPG	1,05	73,38
008685:20.7BAR	Semi-Internal Pressure Relief Valve 1-1/4"	Rego LPG	1,05	73,38
008685:21.0BAR	Semi-Internal Pressure Relief Valve 1-1/4"	Rego LPG	1,05	73,38
008685:21.5BAR	Semi-Internal Pressure Relief Valve 1-1/4"	Rego LPG	1,05	73,38
008685:25.0BAR	Semi-Internal Pressure Relief Valve 1-1/4"	Rego LPG	1,05	73,38
008685:27.0BAR	Semi-Internal Pressure Relief Valve 1-1/4"	Rego LPG	1,05	73,38
008685:G	Semi-Internal Pressure Relief Valve 1-1/4"	Rego LPG	1,06	73,38
008685G	Semi-Internal Pressure Relief Valve 1 1/4" M.NPT	Rego LPG	1,06	73,38
008685GS	Semi-Internal Pressure Relief Valve 1 1/4" M.NPT - for SaudiGas	Rego LPG		126,32
009101C1	Service Valve 3/4" M.NGT	Rego LPG	0,42	33,20
009101D11.1	Service Valve 3/4" M. NGT	Rego LPG	0,42	33,20
009101D11.7	Service Valve 3/4" M. NGT	Rego LPG	0,41	33,20
009101DK17.8	Vapor Service Valve 3/4" M.NGT x F.POL CGA 510	Rego LPG	0,48	51,56
009101DNP157	Service Valve 3/4" x 1/4"	Rego LPG	0,46	50,13
009101DS17.8	Vapor Service Valve 3/4" M.NGT x F.POL CGA 510	Rego LPG	0,48	38,36
009101H5	Service Valves 3/4" M.NGT x 3/8" SAE Flare	Rego LPG	0,34	31,23
009101H6	Service Valves 3/4" M.NGT x 3/8" SAE Flare	Rego LPG	0,39	51,95
009101P5	Service Valves 3/4" M.NGT x 3/8" M.NPT	Rego LPG	0,28	27,07
009101P5H	Service Valves 3/4" M.NGT x 3/8" M.NPT	Rego LPG	0,28	27,07
009101P5HT	Service Valves 3/4" M.NGT x 3/8" M.NPT	Rego LPG	0,34	27,07
009101P6	Service Valves 3/4" M.NGT x 3/8" M.NPT	Rego LPG	0,35	61,49
009101P6H	Service Valves 3/4" M.NGT x 3/8" M.NPT	Rego LPG	0,35	66,24
009101R1	Service Valve with MultiBonnet 3/4" M. NGT	Rego LPG	0,44	38,36
009101R11.1	Service Valve with MultiBonnet 3/4" M. NGT	Rego LPG	0,43	40,59
009101R11.7	Service Valve with MultiBonnet 3/4" M. NGT	Rego LPG	0,47	40,59
009102D11.1	Service Valve with MultiBonnet 3/4" M. NGT	Rego LPG	0,46	46,92
009103-54	Protective Cap for 3127 -YELLOW-	Rego LPG	0,00	2,00
009103C0A	Heavy-Duty Cylinder Valve 3/4" M.NGT x F.POL (CGA510)	Rego LPG	0,44	28,56
009103D10.6	Heavy Duty Cylinder Valve 3/4" M. NGT	Rego LPG	0,47	49,71
009103D11.6	Heavy Duty Cylinder Valve 3/4" M. NGT	Rego LPG	0,47	33,20
009104PPA	Cylinder Valve 3/4" M. NPT	Rego LPG	0,46	68,73
009106C0	Cylinder Valve 3/4" M.NGT Container Connection	Rego LPG	0,40	84,61
009107-31	Handwheel	Rego LPG	0,05	2,42
009107K8A	Cylinder Valve	Rego LPG	0,80	116,56
009300RT	Multivalve ASME 3/4" M. NPT with Everseal	Rego LPG	0,57	87,75
01001440	Pressure Gauge 1/4" NPT with Glyc. 17.2Bar	Rego LPG	0,15	29,94
01001540	Pressure Gauge 1/4" NPT with Glyc. 15.6Bar	Rego LPG	0,15	29,94

01001640	Pressure Gauge 1/4" NPT with Glyc.	Rego LPG	0,15	29,94
010538P	POL Plug M.POL (CGA 510)	Rego LPG	0,04	7,51
011557-19	Clos;.755EX,.614INTPRPLAS	Rego LPG		2,21
012449	Vapor Valve	Rego LPG	0,51	98,77
012472	Excess Flow Valve 3/4" M.NPT x 3/4" F.NPT	Rego LPG	0,20	39,44
012802	Gritrol Fuel Line Filter 1/4" F.NPT x 1/4" M.NPT	Rego LPG	0,15	29,80
012982	Swivel Adapter 1/4" M.NPT	Rego LPG	0,13	25,37
015774-1	Adapter Female Inverted Flare x 1/4" M.NPT	Rego LPG	0,02	7,16
019100-50B	Repair Kit for Multivalves, Cylinder and Service Valves	Rego LPG	0,12	18,58
019104-50	Repair Kit for Multivalves (series)	Rego LPG	0,15	21,47
019104-80	Repair Kit for Multivalves (series)	Rego LPG	0,04	8,19
A000985BT	Plug for 9101DK /DS 17.8 - STEEL -	Rego LPG	0,02	6,64
A001519A2	Excess Flow Valve 1" NPT x 1" F.NPT	Rego LPG	0,69	448,01
A001519A4	Excess Flow Valve 2" NPT x 2" F.NPT	Rego LPG	2,53	598,25
A001519A6	Excess Flow Valve 3" NPT x 3" F.NPT	Rego LPG	5,36	1146,94
A001519B4	Excess Flow Valve 2" NPT x 2" F.NPT	Rego LPG	2,54	598,25
A001519C4	Excess Flow Valve 2" NPT x F	Rego LPG	2,50	598,25
A002137	Excess Flow Valve 2" NPT	Rego LPG	1,62	339,27
A002137A	Excess Flow Valve 2" NPT	Rego LPG	1,62	339,27
A002141A10	Pull-Away Valves 1-1/4" F. NPT	Rego LPG	2,24	972,76
A002141A10-50	Repair Kit for Pull Away Couplings	Rego LPG	0,01	14,99
A002141A16	Pull-Away Valves 2" F. NPT	Rego LPG	11,00	3527,56
A002141A16-50	Repair Kit for Pull Away Couplings	Rego LPG	0,01	17,07
A002141A6	Pull-Away Valves 3/4" F. NPT	Rego LPG	0,71	208,82
A002141A6-50	Repair Kit for Pull Away Couplings	Rego LPG	0,01	14,99
A002141A6L	Pull-Away Valves 3/4" F. NPT	Rego LPG	0,63	208,82
A002141A8	Pull-Away Valves 1" F. NPT	Rego LPG	1,59	399,11
A002141A8L	Pull-Away Valves 1" F. NPT	Rego LPG	1,41	379,94
A002697-20R	Gasket package (25) for ACME 1-3/4"	Rego LPG	0,05	14,05
A002797-20R	Gasket package (25) for ACME 1-1/4"	Rego LPG	0,03	13,02
A002805C	Combination Valve 3/4" M. NPT	Rego LPG	0,60	127,40
A003134-11B	Deflector for A3149	Rego LPG	0,03	34,77
A003146	Back Pressure Valves 3/4" F.NPT x 3/4" M.NPT	Rego LPG	0,19	93,72
A003149:03.0BAR	External Pressure Relief Valve 2-1/2"	Rego LPG	7,00	608,67
A003149:03.4BAR	External Pressure Relief Valve 2-1/2"	Rego LPG	7,00	608,67
A003149:03.8BAR	External Pressure Relief Valve 2-1/2"	Rego LPG	7,00	608,67
A003149:04.0BAR	External Pressure Relief Valve 2-1/2"	Rego LPG	7,00	608,67
A003149:04.4BAR	External Pressure Relief Valve 2-1/2"	Rego LPG	7,00	608,67
A003149:04.6BAR	External Pressure Relief Valve 2-1/2"	Rego LPG	7,00	608,67
A003149:04.8BAR	External Pressure Relief Valve 2-1/2"	Rego LPG	7,00	608,67
A003149:05.0BAR	External Pressure Relief Valve 2-1/2"	Rego LPG	7,00	608,67
A003149:05.2BAR	External Pressure Relief Valve 2-1/2"	Rego LPG	7,00	608,67
A003149:05.3BAR	External Pressure Relief Valve 2-1/2"	Rego LPG	7,00	608,67
A003149:05.4BAR	External Pressure Relief Valve 2-1/2"	Rego LPG	7,00	608,67
A003149:05.5BAR	External Pressure Relief Valve 2-1/2"	Rego LPG	7,00	608,67
A003149:05.6BAR	External Pressure Relief Valve 2-1/2"	Rego LPG	7,00	608,67
A003149:05.7BAR	External Pressure Relief Valve 2-1/2"	Rego LPG	7,00	608,67
A003149:05.9BAR	External Pressure Relief Valve 2-1/2"	Rego LPG	7,00	608,67
A003149:06.0BAR	External Pressure Relief Valve 2-1/2"	Rego LPG	7,00	608,67
A003149:06.1BAR	External Pressure Relief Valve 2-1/2"	Rego LPG	7,00	608,67
A003149:06.5BAR	External Pressure Relief Valve 2-1/2"	Rego LPG	7,00	608,67
A003149:06.8BAR	External Pressure Relief Valve 2-1/2"	Rego LPG	7,00	608,67
A003149:06.9BAR	External Pressure Relief Valve 2-1/2"	Rego LPG	7,00	608,67
A003149:07.0BAR	External Pressure Relief Valve 2-1/2"	Rego LPG	7,00	608,67

A003149:08.0BAR	External Pressure Relief Valve 2-1/2"	Rego LPG	7,00	608,67
A003149:08.3BAR	External Pressure Relief Valve 2-1/2"	Rego LPG	7,00	608,67
A003149:08.4BAR	External Pressure Relief Valve 2-1/2"	Rego LPG	7,00	608,67
A003149:08.5BAR	External Pressure Relief Valve 2-1/2"	Rego LPG	7,00	608,67
A003149:08.6BAR	External Pressure Relief Valve 2-1/2"	Rego LPG	7,00	608,67
A003149:08.8BAR	External Pressure Relief Valve 2-1/2"	Rego LPG	7,00	608,67
A003149:09.0BAR	External Pressure Relief Valve 2-1/2"	Rego LPG	7,00	608,67
A003149:09.5BAR	External Pressure Relief Valve 2-1/2"	Rego LPG	7,00	608,67
A003149:09.8BAR	External Pressure Relief Valve 2-1/2"	Rego LPG	7,00	608,67
A003149:10.0BAR	External Pressure Relief Valve 2-1/2"	Rego LPG	7,00	608,67
A003149:10.3BAR	External Pressure Relief Valve 2-1/2"	Rego LPG	7,00	608,67
A003149:10.5BAR	External Pressure Relief Valve 2-1/2"	Rego LPG	7,00	608,67
A003149:11.0BAR	External Pressure Relief Valve 2-1/2"	Rego LPG	7,00	608,67
A003149:11.7BAR	External Pressure Relief Valve 2-1/2"	Rego LPG	7,00	608,67
A003149:12.0BAR	External Pressure Relief Valve 2-1/2"	Rego LPG	7,00	608,67
A003149:12.4BAR	External Pressure Relief Valve 2-1/2"	Rego LPG	7,00	608,67
A003149:12.6BAR	External Pressure Relief Valve 2-1/2"	Rego LPG	7,00	608,67
A003149:13.0BAR	External Pressure Relief Valve 2-1/2"	Rego LPG	7,00	608,67
A003149:13.1BAR	External Pressure Relief Valve 2-1/2"	Rego LPG	7,00	608,67
A003149:13.4BAR	External Pressure Relief Valve 2-1/2"	Rego LPG	7,00	608,67
A003149:13.5BAR	External Pressure Relief Valve 2-1/2"	Rego LPG	7,00	608,67
A003149:13.7BAR	External Pressure Relief Valve 2-1/2"	Rego LPG	7,00	608,67
A003149:13.8BAR	External Pressure Relief Valve 2-1/2"	Rego LPG	7,00	608,67
A003149:14.0BAR	External Pressure Relief Valve 2-1/2"	Rego LPG	7,00	608,67
A003149:14.5BAR	External Pressure Relief Valve 2-1/2"	Rego LPG	7,00	608,67
A003149:14.7BAR	External Pressure Relief Valve 2-1/2"	Rego LPG	7,00	608,67
A003149:14.8BAR	External Pressure Relief Valve 2-1/2"	Rego LPG	7,00	608,67
A003149:14.9BAR	External Pressure Relief Valve 2-1/2"	Rego LPG	7,00	608,67
A003149:15.0BAR	External Pressure Relief Valve 2-1/2"	Rego LPG	7,00	608,67
A003149:15.1BAR	External Pressure Relief Valve 2-1/2"	Rego LPG	7,00	608,67
A003149:15.3BAR	External Pressure Relief Valve 2-1/2"	Rego LPG	7,00	608,67
A003149:15.5BAR	External Pressure Relief Valve 2-1/2"	Rego LPG	7,00	608,67
A003149:15.6BAR	External Pressure Relief Valve 2-1/2"	Rego LPG	7,00	608,67
A003149:15.7BAR	External Pressure Relief Valve 2-1/2"	Rego LPG	7,00	608,67
A003149:15.9BAR	External Pressure Relief Valve 2-1/2"	Rego LPG	7,00	608,67
A003149:16.0BAR	External Pressure Relief Valve 2-1/2"	Rego LPG	7,00	608,67
A003149:16.5BAR	External Pressure Relief Valve 2-1/2"	Rego LPG	7,00	608,67
A003149:16.6BAR	External Pressure Relief Valve 2-1/2"	Rego LPG	7,00	608,67
A003149:17.0BAR	External Pressure Relief Valve 2-1/2"	Rego LPG	7,00	608,67
A003149:17.1BAR	External Pressure Relief Valve 2-1/2"	Rego LPG	7,00	608,67
A003149:17.4BAR	External Pressure Relief Valve 2-1/2"	Rego LPG	7,00	608,67
A003149:17.5BAR	External Pressure Relief Valve 2-1/2"	Rego LPG	7,00	608,67
A003149:17.6BAR	External Pressure Relief Valve 2-1/2"	Rego LPG	7,00	608,67
A003149:17.8BAR	External Pressure Relief Valve 2-1/2"	Rego LPG	7,00	608,67
A003149:18.0BAR	External Pressure Relief Valve 2-1/2"	Rego LPG	7,00	608,67
A003149:18.3BAR	External Pressure Relief Valve 2-1/2"	Rego LPG	7,00	608,67
A003149:18.4BAR	External Pressure Relief Valve 2-1/2"	Rego LPG	7,00	608,67
A003149:18.6BAR	External Pressure Relief Valve 2-1/2"	Rego LPG	7,00	608,67
A003149:19.1BAR	External Pressure Relief Valve 2-1/2"	Rego LPG	7,00	608,67
A003149:19.3BAR	External Pressure Relief Valve 2-1/2"	Rego LPG	7,00	608,67
A003149:19.6BAR	External Pressure Relief Valve 2-1/2"	Rego LPG	7,00	608,67
A003149:20.0BAR	External Pressure Relief Valve 2-1/2"	Rego LPG	7,00	608,67
A003149:20.5BAR	External Pressure Relief Valve 2-1/2"	Rego LPG	7,00	608,67
A003149:20.7BAR	External Pressure Relief Valve 2-1/2"	Rego LPG	7,00	608,67

A003149:21.0BAR	External Pressure Relief Valve 2-1/2"	Rego LPG	7,00	608,67
A003149:21.5BAR	External Pressure Relief Valve 2-1/2"	Rego LPG	7,00	608,67
A003149:21.6BAR	External Pressure Relief Valve 2-1/2"	Rego LPG	7,00	608,67
A003149:22.0BAR	External Pressure Relief Valve 2-1/2"	Rego LPG	7,00	608,67
A003149:23.0BAR	External Pressure Relief Valve 2-1/2"	Rego LPG	7,00	608,67
A003149:23.5BAR	External Pressure Relief Valve 2-1/2"	Rego LPG	7,00	608,67
A003149:24.0BAR	External Pressure Relief Valve 2-1/2"	Rego LPG	7,00	608,67
A003149:G	External Pressure Relief Valve 2-1/2"	Rego LPG	7,00	608,67
A003149G	External Pressure Relief Valve 2-1/2" M.NPT	Rego LPG	7,00	608,67
A003149M:03.0B	External Pressure Relief Valve 2-1/2"	Rego LPG	7,00	608,67
A003149M:05.0B	External Pressure Relief Valve 2-1/2"	Rego LPG	7,00	608,67
A003149M:05.2B	External Pressure Relief Valve 2-1/2"	Rego LPG	7,00	608,67
A003149M:05.3B	External Pressure Relief Valve 2-1/2"	Rego LPG	7,00	608,67
A003149M:05.5B	External Pressure Relief Valve 2-1/2"	Rego LPG	7,00	608,67
A003149M:05.7B	External Pressure Relief Valve 2-1/2"	Rego LPG	7,00	608,67
A003149M:05.8B	External Pressure Relief Valve 2-1/2"	Rego LPG	7,00	608,67
A003149M:05.9B	External Pressure Relief Valve 2-1/2"	Rego LPG	7,00	608,67
A003149M:06.0B	External Pressure Relief Valve 2-1/2"	Rego LPG	7,00	608,67
A003149M:06.1B	External Pressure Relief Valve 2-1/2"	Rego LPG	7,00	608,67
A003149M:06.2B	External Pressure Relief Valve 2-1/2"	Rego LPG	7,00	608,67
A003149M:06.5B	External Pressure Relief Valve 2-1/2"	Rego LPG	7,00	608,67
A003149M:06.9B	External Pressure Relief Valve 2-1/2"	Rego LPG	7,00	608,67
A003149M:07.0B	External Pressure Relief Valve 2-1/2"	Rego LPG	7,00	608,67
A003149M:07.5B	External Pressure Relief Valve 2-1/2"	Rego LPG	7,00	608,67
A003149M:07.7B	External Pressure Relief Valve 2-1/2"	Rego LPG	7,00	608,67
A003149M:07.9B	External Pressure Relief Valve 2-1/2"	Rego LPG	7,00	608,67
A003149M:08.0B	External Pressure Relief Valve 2-1/2"	Rego LPG	7,00	608,67
A003149M:08.3B	External Pressure Relief Valve 2-1/2"	Rego LPG	7,00	608,67
A003149M:09.0B	External Pressure Relief Valve 2-1/2"	Rego LPG	7,00	608,67
A003149M:09.6B	External Pressure Relief Valve 2-1/2"	Rego LPG	7,00	608,67
A003149M:09.7B	External Pressure Relief Valve 2-1/2"	Rego LPG	7,00	608,67
A003149M:10.0B	External Pressure Relief Valve 2-1/2"	Rego LPG	7,00	608,67
A003149M:10.3B	External Pressure Relief Valve 2-1/2"	Rego LPG	7,00	509,90
A003149M:10.5B	External Pressure Relief Valve 2-1/2"	Rego LPG	7,00	608,67
A003149M:11.0B	External Pressure Relief Valve 2-1/2"	Rego LPG	7,00	608,67
A003149M:11.4B	External Pressure Relief Valve 2-1/2"	Rego LPG	7,00	608,67
A003149M:11.7B	External Pressure Relief Valve 2-1/2"	Rego LPG	7,00	608,67
A003149M:11.9B	External Pressure Relief Valve 2-1/2"	Rego LPG	7,00	608,67
A003149M:12.0B	External Pressure Relief Valve 2-1/2"	Rego LPG	7,00	608,67
A003149M:12.1B	External Pressure Relief Valve 2-1/2"	Rego LPG	7,00	608,67
A003149M:12.4B	External Pressure Relief Valve 2-1/2"	Rego LPG	7,00	608,67
A003149M:12.5B	External Pressure Relief Valve 2-1/2"	Rego LPG	7,00	608,67
A003149M:12.6B	External Pressure Relief Valve 2-1/2"	Rego LPG	7,00	608,67
A003149M:12.7B	External Pressure Relief Valve 2-1/2"	Rego LPG	7,00	608,67
A003149M:13.1B	External Pressure Relief Valve 2-1/2"	Rego LPG	7,00	608,67
A003149M:13.3B	External Pressure Relief Valve 2-1/2"	Rego LPG	7,00	608,67
A003149M:13.4B	External Pressure Relief Valve 2-1/2"	Rego LPG	7,00	608,67
A003149M:13.5B	External Pressure Relief Valve 2-1/2"	Rego LPG	7,00	608,67
A003149M:13.7B	External Pressure Relief Valve 2-1/2"	Rego LPG	7,00	608,67
A003149M:13.8B	External Pressure Relief Valve 2-1/2"	Rego LPG	7,00	608,67
A003149M:13.9B	External Pressure Relief Valve 2-1/2"	Rego LPG	7,00	608,67
A003149M:14.0B	External Pressure Relief Valve 2-1/2"	Rego LPG	7,00	608,67
A003149M:14.1B	External Pressure Relief Valve 2-1/2"	Rego LPG	7,00	608,67
A003149M:14.2B	External Pressure Relief Valve 2-1/2"	Rego LPG	7,00	608,67

A003149M:14.5B	External Pressure Relief Valve 2-1/2"	Rego LPG	7,00	608,67
A003149M:14.7B	External Pressure Relief Valve 2-1/2"	Rego LPG	7,00	608,67
A003149M:14.8B	External Pressure Relief Valve 2-1/2"	Rego LPG	7,00	608,67
A003149M:14.9B	External Pressure Relief Valve 2-1/2"	Rego LPG	7,00	608,67
A003149M:15.0B	External Pressure Relief Valve 2-1/2"	Rego LPG	7,00	608,67
A003149M:15.1B	External Pressure Relief Valve 2-1/2"	Rego LPG	7,00	608,67
A003149M:15.2B	External Pressure Relief Valve 2-1/2"	Rego LPG	7,00	608,67
A003149M:15.3B	External Pressure Relief Valve 2-1/2"	Rego LPG	7,00	608,67
A003149M:15.5B	External Pressure Relief Valve 2-1/2"	Rego LPG	7,00	608,67
A003149M:15.6B	External Pressure Relief Valve 2-1/2"	Rego LPG	7,00	608,67
A003149M:15.7B	External Pressure Relief Valve 2-1/2"	Rego LPG	7,00	608,67
A003149M:15.8B	External Pressure Relief Valve 2-1/2"	Rego LPG	7,00	608,67
A003149M:15.9B	External Pressure Relief Valve 2-1/2"	Rego LPG	7,00	608,67
A003149M:16.0B	External Pressure Relief Valve 2-1/2"	Rego LPG	7,00	608,67
A003149M:16.2B	External Pressure Relief Valve 2-1/2"	Rego LPG	7,00	608,67
A003149M:16.4B	External Pressure Relief Valve 2-1/2"	Rego LPG	7,00	608,67
A003149M:16.5B	External Pressure Relief Valve 2-1/2"	Rego LPG	7,00	608,67
A003149M:16.7B	External Pressure Relief Valve 2-1/2"	Rego LPG	7,00	608,67
A003149M:17.0B	External Pressure Relief Valve 2-1/2"	Rego LPG	7,00	608,67
A003149M:17.1B	External Pressure Relief Valve 2-1/2"	Rego LPG	7,00	608,67
A003149M:17.4B	External Pressure Relief Valve 2-1/2"	Rego LPG	7,00	608,67
A003149M:17.5B	External Pressure Relief Valve 2-1/2"	Rego LPG	7,00	608,67
A003149M:17.6B	External Pressure Relief Valve 2-1/2"	Rego LPG	7,00	608,67
A003149M:17.8B	External Pressure Relief Valve 2-1/2"	Rego LPG	7,00	608,67
A003149M:18.0B	External Pressure Relief Valve 2-1/2"	Rego LPG	7,00	608,67
A003149M:18.4B	External Pressure Relief Valve 2-1/2"	Rego LPG	7,00	608,67
A003149M:18.5B	External Pressure Relief Valve 2-1/2"	Rego LPG	7,00	608,67
A003149M:18.9B	External Pressure Relief Valve 2-1/2"	Rego LPG	7,00	608,67
A003149M:19.0B	External Pressure Relief Valve 2-1/2"	Rego LPG	7,00	608,67
A003149M:19.3B	External Pressure Relief Valve 2-1/2"	Rego LPG	7,00	608,67
A003149M:19.4B	External Pressure Relief Valve 2-1/2"	Rego LPG	7,00	608,67
A003149M:19.5B	External Pressure Relief Valve 2-1/2"	Rego LPG	7,00	608,67
A003149M:19.6B	External Pressure Relief Valve 2-1/2"	Rego LPG	7,00	608,67
A003149M:20.0B	External Pressure Relief Valve 2-1/2"	Rego LPG	7,00	608,67
A003149M:20.6B	External Pressure Relief Valve 2-1/2"	Rego LPG	7,00	608,67
A003149M:21.0B	External Pressure Relief Valve 2-1/2"	Rego LPG	7,00	608,67
A003149M:21.4B	External Pressure Relief Valve 2-1/2"	Rego LPG	7,00	608,67
A003149M:22.0B	External Pressure Relief Valve 2-1/2"	Rego LPG	7,00	608,67
A003149M:22.6B	External Pressure Relief Valve 2-1/2"	Rego LPG	7,00	608,67
A003149M:23.0B	External Pressure Relief Valve 2-1/2"	Rego LPG	7,00	608,67
A003149M:23.5B	External Pressure Relief Valve 2-1/2"	Rego LPG	7,00	608,67
A003149M:24.1B	External Pressure Relief Valve 2-1/2"	Rego LPG	7,00	608,67
A003149M:G	External Pressure Relief Valve 2-1/2"	Rego LPG	7,00	608,67
A003149MG	External Pressure Relief Valve 2-1/2" only for Multiports	Rego LPG	7,00	608,67
A003149MVI:	External Pressure Relief Valve 2-1/2"	Rego LPG	7,00	609,18
A003163-6	Stem Asm for Rotogages (Vent Srew)	Rego LPG	0,01	12,87
A003175	Hose Coupling 3/4" M.NPT x 1-3/4" F.ACME	Rego LPG	0,30	171,20
A003175-2	Coupling nut -Steel- 1.75 ACME	Rego LPG		55,80
A003175A	Hose Coupling 1" M.NPT x 1-3/4" F.ACME	Rego LPG	0,39	68,64
A003175P	Plug and Chain ass, Stainless Steel	Rego LPG	0,30	64,03
A003176	Back Pressure Valves 1-1/4" F.NPT x 1-1/4" M.NPT	Rego LPG	0,42	108,28
A003184-20R	O-Ring package (10) for ACME 2-1/4"	Rego LPG	0,01	20,65
A003184-8R	Gasket package (10) for ACME 2-1/4"	Rego LPG	0,03	58,09
A003184-90	Protective Cap 2- 1/4" F.ACME, Steel	Rego LPG	0,74	118,29

A003185	Hose Coupling 1-1/4" M.NPT x 2-1/4" F.ACME	Rego LPG	0,72	151,59
A003186	Back Pressure Valves 2" F.NPT x 2" M.NPT	Rego LPG	1,21	135,63
A003187S	Back Pressure Valves	Rego LPG	1,21	305,59
A003194-20R	O-Ring (PKG of 10pcs.)	Rego LPG	0,03	37,78
A003194-8R	Gasket package (10) for ACME 3-1/4"	Rego LPG	0,07	48,94
A003194-90	Protective Cap 3-1/4" F.ACME, Steel	Rego LPG	1,96	164,94
A003195	Hose Coupling 2" M.NPT x 3-1/4" F.ACME	Rego LPG	1,81	144,59
A003196	Back Pressure Valves 3" F.NPT x 3" M.NPT	Rego LPG	2,80	499,77
A003198S	Soft Seat Back Check Valves 3" Steel	Rego LPG	4,50	858,35
A003209-5	Fuse for Internal Valves	Rego LPG	0,02	7,30
A003209A-16	Screw, 10-32 x .375 Hex HD Mach	Rego LPG	0,00	8,75
A003209D050	Threaded Internal Valve 1-1/4"	Rego LPG	1,30	474,14
A003209D080	Threaded Internal Valve 1-1/4"	Rego LPG	1,30	474,14
A003209D-50	Repair Kit for A3209D / DT Series	Rego LPG	0,15	104,06
A003209D-50T	Kit, Torsion Spring for A3209D Series	Rego LPG	0,15	39,77
A003209D-6A	Spring Torsional	Rego LPG	0,01	7,16
A003209DT050	Threaded Internal Valve 1-1/4"	Rego LPG	1,49	538,13
A003209DT080	Threaded Internal Valve 1-1/4"	Rego LPG	1,50	538,13
A003209EA	Electric Actuator for A3209D050/D080	Rego LPG	1,88	4366,00
A003209PA	Pneumatic Actuator for A3209D050/D080	Rego LPG	0,38	279,97
A003209PAF	Compact Pneumatic Actuator for A3209D050/D080	Rego LPG	1,14	420,88
A003209R-50	Repair Kit for A3209R Series	Rego LPG	0,15	104,34
A003209TL	Thermal Latch Kit for A3209D050+080	Rego LPG	0,10	86,18
A003211D080	Threaded Internal Valve 1 1/2"	Rego LPG	1,50	579,36
A003211D110	Threaded Internal Valve 1 1/2"	Rego LPG	1,50	579,36
A003212-135AP	Disc Retainer Assembly for 2" Internal Valve	Rego LPG	0,24	171,11
A003212-6175	Excess Flow Spring for A3212R175	Rego LPG		13,13
A003212A-50	Repair Kit for A003212A Series	Rego LPG	0,32	110,27
A003212A-80	Repair Kit for A003212 A / R Series	Rego LPG	0,02	12,06
A003212EA	Electric Actuator for A3212R/RT Serie	Rego LPG	1,90	4366,00
A003212R105	Threaded Internal Valve 2" M.NPT x 2" F.NPT	Rego LPG	3,02	1266,58
A003212R-11	Stem Assembly for 2" Internal Valve	Rego LPG		387,08
A003212R175	Threaded Internal Valve 2" M.NPT x 2" F.NPT	Rego LPG	3,02	1266,58
A003212R250	Threaded Internal Valve 2" M.NPT x 2" F.NPT	Rego LPG	3,16	1266,58
A003212R-50	Repair Kit for A003212R Series	Rego LPG	0,04	110,27
A003212RA	Rotary Actuator Kit for A3212R Serie	Rego LPG	2,27	549,10
A003212RA-60P	Kit, Rotary Actuator Supply	Rego LPG	0,13	254,01
A003212R-N105	Spring Kit for A3212R Series	Rego LPG	0,14	76,88
A003212R-N250	Spring Kit for A3212R Series	Rego LPG	0,14	48,24
A003212RT105	Threaded Angle Internal Valve 2"M.NPT x 2"F.NPT	Rego LPG	3,52	1430,09
A003212RT175	Threaded Angle Internal Valve 2"M.NPT x 2"F.NPT	Rego LPG	3,52	1430,09
A003212RT250	Threaded Angle Internal Valve 2"M.NPT x 2"F.NPT	Rego LPG	3,52	1430,09
A003213-32	Upper Guide for A3213R	Rego LPG	0,00	29,05
A003213-53	Lever for 2" and 3" Internal Valve	Rego LPG		39,24
A003213-6	Wire Retaining Ring for A3213R	Rego LPG	0,00	2,42
A003213-70	Wear Button	Rego LPG	0,00	2,26
A003213A-50	Repair Kit for Internal Valves Old Version	Rego LPG	0,57	209,02
A003213D150	Threaded Internal Valve 3" M.NPT x 3" F.NPT	Rego LPG	6,50	1440,62
A003213D200	Threaded Internal Valve 3" M.NPT x 3" F.NPT	Rego LPG	6,50	1440,62
A003213D300	Threaded Internal Valve 3" M.NPT x 3" F.NPT	Rego LPG	5,50	1440,62
A003213D400	Threaded Internal Valve 3" M.NPT x 3" F.NPT	Rego LPG	5,70	1440,62
A003213DT150	Threaded Internal Valve 3" M.NPT x 3" F.NPT	Rego LPG	8,00	1666,37
A003213DT200	Threaded Internal Valve 3" M.NPT x 3" F.NPT	Rego LPG	8,00	1666,37
A003213DT300	Threaded Internal Valve 3" M.NPT x 3" F.NPT	Rego LPG	8,00	1666,37

A003213DT400	Threaded Internal Valve 3" M.NPT x 3" F.NPT	Rego LPG	7,50	1666,37
A003213R-50	Repair Kit for Internal Valves 3"	Rego LPG	0,17	208,40
A003213RA	Rotary Actuator Kit for A3213R Serie	Rego LPG	2,48	549,10
A003213RA-50	Kit, Rotary Actuator Supply	Rego LPG	0,22	267,00
A003213R-K400	Spring Kit for A3213R+RT series	Rego LPG	0,16	61,11
A003213TL	Thermal Latch Kit for Internal Valve	Rego LPG	0,11	103,10
A003217-29C	Bolt Stud STIL 3/4-10 UNC-2A x 6"	Rego LPG	0,28	69,17
A003217A-19	Yoke for 3" Internal Valve	Rego LPG		89,98
A003217A-20	Bearing, Stem Tef. for 3" Internal Valve	Rego LPG	0,01	14,60
A003217A-25	Strainer & Top for A3217A Serie Internal Valve	Rego LPG	0,10	92,37
A003217A-70	Grove Pin for A3217F/A Serie Internal Valve	Rego LPG	0,00	9,16
A003217A-8	Return Spring for A3217A Serie Internal Valve	Rego LPG	0,10	59,33
A003217A-80G	Repair Kit for A3217AR / AL Series	Rego LPG	0,41	267,10
A003217A-90	Stem, Lower for 3" Internal Valve	Rego LPG	0,14	88,70
A003217A-97	Stem, upper sstl; for 3" Internal Valve	Rego LPG	0,05	51,93
A003217AL160	Flanged Internal Valve 3" Left	Rego LPG	17,50	3274,80
A003217AL210	Flanged Internal Valve 3" Left	Rego LPG	17,50	3274,80
A003217AL260	Flanged Internal Valve 3" Left	Rego LPG	17,50	3274,80
A003217AL410	Flanged Internal Valve 3" Left	Rego LPG	17,50	3274,80
A003217AL510	Flanged Internal Valve 3" Left	Rego LPG	17,50	3274,80
A003217AR160	Flanged Internal Valve 3"	Rego LPG	17,50	3274,80
A003217AR210	Flanged Internal Valve 3"	Rego LPG	18,00	3274,80
A003217AR260	Flanged Internal Valve 3"	Rego LPG	17,50	3274,80
A003217AR410	Flanged Internal Valve 3"	Rego LPG	17,50	3274,80
A003217AR510	Flanged Internal Valve 3"	Rego LPG	17,50	3274,80
A003217DAL260	Flanged Internal Valve 3"	Rego LPG	22,68	3404,29
A003217DAL410	Flanged Internal Valve 3"	Rego LPG	22,68	3404,29
A003217DAR260	Flanged Internal Valve 3"	Rego LPG	22,68	3404,29
A003217DAR410	Flanged Internal Valve 3"	Rego LPG	22,68	3404,29
A003217F-50	Repair Kit for A3217F Series	Rego LPG	0,19	29,45
A003217F-80	Repair Kit for A3217F Series	Rego LPG	0,10	232,91
A003217F-80G	Repair Kit for A3217F Series	Rego LPG	0,41	267,74
A003217LOA	Rotary Actuator incl. Kit	Rego LPG	2,31	1072,60
A003217ROA	Rotary Actuator incl. Kit	Rego LPG	2,31	1072,60
A003217-Yoke Assembly	Spare part for 3" Internal Valve	Rego LPG		215,65
A003219-10	Bonnet Screw for Internal Valve A3217/A3219	Rego LPG		1,58
A003219-2	Seat Ring for A3219	Rego LPG	0,49	468,64
A003219-37	Stud	Rego LPG	0,35	64,15
A003219-52	Stem Bearing-Inner for A3219	Rego LPG		17,47
A003219-53	Seal Gland Gasket for A3219	Rego LPG	0,20	153,91
A003219-55	Dirt Seal	Rego LPG		36,20
A003219-58	Spring	Rego LPG		74,22
A003219-6R	Return Spring for A3219FA- Serie	Rego LPG	0,12	36,61
A003219-81	Strainer for A3219 Serie	Rego LPG	0,22	85,20
A003219-91	Strainer Top for A3219FA Serie	Rego LPG	0,05	27,05
A003219-93	Seat Assembly for Internal Valve	Rego LPG		174,55
A003219-97	Stem, Upper for 4" Internal Valve	Rego LPG		53,52
A003219F-80	Repair Kit for A3219F Series	Rego LPG	0,26	293,48
A003219F-80G	Repair Kit for A3219F Series	Rego LPG	0,55	293,48
A003219FA600L	Flanged Internal Valve 4"	Rego LPG	30,00	3413,30
A003219FA-80G	Repair Kit for A3219FA Series	Rego LPG	0,50	292,93
A003219RT	Remote Thermal Release	Rego LPG	2,51	230,43
A003219TF25	Thermal Fuse Plug	Rego LPG	0,02	31,34
A003272G	Excess Flow Valve 3/4" M.NPT x 3/4" F.NPT	Rego LPG	0,19	98,62

A003276BC	Back Pressure Valves 1-1/4" F.NPT x 1-1/4" M.NPT	Rego LPG	0,52	190,24
A003282A	Excess Flow Valve 1-1/4" M.NPT x 1-1/4" F.NPT	Rego LPG	0,42	99,31
A003282C	Excess Flow Valve 1-1/4" M.NPT x 1-1/4" F.NPTa	Rego LPG	0,42	99,59
A003292A	Excess Flow Valve 2" M.NPT x 2" F.NPT	Rego LPG	1,21	166,10
A003292B	Excess Flow Valve 2" M.NPT x 2" F.NPT	Rego LPG	1,19	166,10
A003292C	Excess Flow Valve 2" M.NPT x 2" F.NPT	Rego LPG	1,20	166,10
A003292D	Excess Flow Valve	Rego LPG	1,20	166,10
A003400L4	Back Pressure Check Valves 2" M.NPT	Rego LPG	0,97	359,06
A003400L6	Back Pressure Check Valves 3" M.NPT	Rego LPG	1,96	596,70
A003500L4	Excess Flow Valve 2" NPT	Rego LPG	0,86	371,23
A003500N4	Excess Flow Valve 2" NPT	Rego LPG	0,90	371,23
A003500P4	Excess Flow Valve 2" NPT	Rego LPG	0,90	371,23
A003500R6	Excess Flow Valve 3" NPT	Rego LPG	1,87	472,51
A003500T6	Excess Flow Valve 3" NPT	Rego LPG	1,90	472,51
A003500V6	Excess Flow Valve 3" NPT	Rego LPG	1,88	472,51
A004500Y8	Excess Flow Valve 4" NPT	Rego LPG	3,38	1290,25
A005764D	Adapter steel, 1-3/4" M.ACME x 3/4" F.NPT	Rego LPG	0,34	60,68
A005764E	Adapter steel, 1-3/4" M.ACME x 1" F.NPT	Rego LPG	0,34	67,00
A005764W	Plug steel, 1-3/4" M.ACME x 3/8" -16 UNC Thread	Rego LPG	0,24	62,11
A005765C	Adapter steel, 1-3/4" M.ACME x 1/2" M.NPT	Rego LPG	0,28	74,54
A005765D	Adapter steel, 1-3/4" MACME x 3/4" M.NPT	Rego LPG	0,29	54,96
A005765E	Adapter steel, 1-3/4" M. ACME x 1" M.NPT	Rego LPG	0,26	34,88
A005765F	Adapter steel, 1-3/4" M.ACME x 1-1/4" M.NPT	Rego LPG	0,28	56,05
A005767F	Adapter steel, 2-1/4" M.ACME x 1-1/4" M.NPT	Rego LPG	0,44	106,92
A005768H	Adapter steel, 3-1/4" M.ACME x 2" F.NPT	Rego LPG	0,90	141,96
A005769H	Adapter steel, 3-1/4" M.ACME x 2" M.NPT	Rego LPG	1,10	203,56
A005769K	Adapter steel, 3-1/4" M.ACME x 3" M.NPT	Rego LPG	3,00	271,80
A005776	Reducer Coupling 3-1/4" F. AMCE, Steel	Rego LPG	1,68	180,32
A005777	Adapter brass, 2-3/4" M.ACME x 3-1/4"" F.NPT	Rego LPG		729,83
A006000-20	ESV handle kit for A6006 & A6008	Rego LPG	0,18	118,39
A006006	Swing-Check ESV 3/4" F.NPT	Rego LPG		792,04
A006008	Swing-Check ESV 1" F.NPT	Rego LPG		774,38
A006010	Swing-Check ESV 1-1/4" F.NPT	Rego LPG	5,76	842,23
A006010-20	ESV handle kit for A6010 series	Rego LPG		127,83
A006010-50	Repair Kit for ESV 2"	Rego LPG		169,47
A006010-80	Repair Kit for ESV 2"	Rego LPG		56,56
A006016	Swing-Check ESV 2" F.NPT	Rego LPG	9,00	1580,33
A006016-20	ESV handle kit for A6016 series	Rego LPG		153,89
A006016-50	Repair Kit for ESV 2"	Rego LPG	0,02	123,23
A006016-80	Pivot Shaft Repair Kit for ESV 2"	Rego LPG	0,04	38,57
A006024	Swing-Check ESV 3" F.NPT	Rego LPG	19,00	2331,76
A006024-20	ESV handle kit for A6024 series	Rego LPG		183,58
A006024-50	Repair Kit for ESV	Rego LPG	0,32	170,96
A006024-80	Kit, shaft repair for ESV 6024	Rego LPG	0,04	36,90
A006586D	Swing-Away Back Pressure Check Valves	Rego LPG	0,83	217,32
A007197A-7	Body Stainless Steel	Rego LPG	0,20	113,30
A007505-50	Repair Kit for Globel Valves	Rego LPG	0,02	19,49
A007505AP	Globe Valve 3/4" F.NPT	Rego LPG	1,20	169,29
A007506AP	Angle Valve 3/4" F.NPT	Rego LPG	0,94	169,29
A007507-18SS	Lever Spring for A7797A	Rego LPG	0,00	4,42
A007507-50	Repair Kit for Globe Valves	Rego LPG	0,02	20,65
A007507AP	Globe Valve 1" F.NPT	Rego LPG	1,49	173,90
A007508AP	Angle Valve 1" F.NPT	Rego LPG	1,34	173,90
A007509-50	Repair Kit for Globe Valves	Rego LPG	0,03	26,89

A007509BP	Globe Valve 1-1/4" F.NPT	Rego LPG	3,16	291,73
A007509F-14	STEM FOR GLOBE VALVE	Rego LPG	0,22	174,06
A007510BP	Angle Valve 1-1/4" F.NPT	Rego LPG	2,80	291,73
A007511-50	Repair Kit for Globe Valves	Rego LPG	0,03	48,65
A007511AP	Globe Valve 1-1/2" F.NPT	Rego LPG	3,70	461,02
A007511F-4T	Disc Seat Teflon for Globe Valve A7511	Rego LPG	0,02	112,53
A007511FP	Globe Valve 1-1/2" Flange	Rego LPG	9,50	1289,08
A007512AP	Angle Valve 1-1/2" F.NPT	Rego LPG	3,56	476,84
A007513-50	Repair Kit for Globe Valves	Rego LPG	0,04	33,79
A007513AP	Globe Valve 2" F.NPT	Rego LPG	5,63	422,78
A007513F-14	Stem SSTL 6-7/8 L for Globe Valve A7513	Rego LPG	0,29	89,89
A007513F-20	Bonnet Asm for Globe Valve A7513	Rego LPG	1,96	431,07
A007513F-4	Seat disc	Rego LPG	0,02	14,99
A007513F-5	Seat Disc Retainer Assembly	Rego LPG	0,28	177,92
A007513FP	Globe Valve 2" Flange	Rego LPG	14,00	1241,97
A007514AP	Angle Valve 2" F.NPT	Rego LPG	5,00	422,78
A007514FP	Angle Valve 2" Flange	Rego LPG	12,50	1241,97
A007515-14	Stem SSTL for Angle/Globe Valve A7514	Rego LPG	0,82	150,31
A007515-15B	Handwheel, BL ;7.0/.63SQ,DFE	Rego LPG		69,14
A007515-5	Seat Disc Retainer Assambly	Rego LPG	0,81	222,31
A007515-50	Repair Kit for Globe Valves	Rego LPG	0,07	54,23
A007517AP	Globe Valve 3" F.NPT	Rego LPG	16,50	1620,61
A007517FP	Globe Valve 3" Flange	Rego LPG	28,50	2743,41
A007518AP	Angle Valve 3" F.NPT	Rego LPG	15,00	1620,61
A007518FP	Angle Valve 3" Flange	Rego LPG	27,50	2743,41
A007537L4	Excess Flow Valve 2" M.NPT	Rego LPG	1,58	422,85
A007537L4F	Excess Flow Valve 2" M.NPT	Rego LPG	1,58	540,73
A007537N4	Excess Flow Valve 2" M.NPT	Rego LPG	1,58	422,85
A007537N4F	Excess Flow Valve 2" M.NPT	Rego LPG	1,58	540,73
A007537P4	Excess Flow Valve 2" M.NPT	Rego LPG	1,59	422,85
A007537P4F	Excess Flow Valve 2" M.NPT	Rego LPG	1,98	540,73
A007539R6	Excess Flow Valve 3" M.NPT	Rego LPG	3,13	697,30
A007539R6F	Excess Flow Valve 3" M.NPT	Rego LPG	3,92	796,20
A007539T6	Excess Flow Valve 3" M.NPT	Rego LPG	3,11	697,30
A007539T6F	Excess Flow Valve 3" M.NPT	Rego LPG	3,80	796,20
A007539V6	Excess Flow Valve 3" M.NPT	Rego LPG	3,19	697,30
A007539V6F	Excess Flow Valve 3" M.NPT	Rego LPG	3,90	796,20
A007550-15	Repair Kit for Transfer Valves	Rego LPG		130,70
A007550-5	Seat Disc Retainer Assembly	Rego LPG	0,02	45,96
A007550P	Flange Seal Liquid Transfer Angle Valve 3/4" M.NGT	Rego LPG	0,61	121,61
A007550PX	Flange Seal Liquid Transfer Angle Valve 3/4" M.NGT	Rego LPG	0,65	171,65
A007551P	Flange Seal Liquid Transfer Angle Valve	Rego LPG	0,65	131,12
A007553A-50	Repair Kit	Rego LPG		94,64
A007560-14	Outer Stem Assembly for TA8570	Rego LPG	0,38	536,30
A007560-25	Screw Steel for Multiport TA8570	Rego LPG	0,01	5,57
A007560-3	Disc SSTL.	Rego LPG	0,16	201,53
A007560-35	Seat for Bleeder Valve (Multiport)	Rego LPG	0,01	23,34
A007560-38	Compression Ring for TA8570	Rego LPG	0,05	54,23
A007560-4	Stem Disc for Lever&Stem Assy	Rego LPG		22,99
A007560-62	VF Plate Arrow für Multiport	Rego LPG		14,48
A007568LE	Unloading Adapter to be used with 6588LE	Rego LPG	10,50	938,02
A007571LA	Hose Coupling 1/2" M.NPT x 1-1/4" F.ACME	Rego LPG	0,53	175,42
A007571LB	Hose Coupling 3/4" M.NPT x 1-1/4" F.ACME	Rego LPG	0,56	217,03
A007575L2	Hose Coupling 1/2" M.NPT x 1-3/4" F.ACME	Rego LPG	1,07	168,28

A007575L3	Hose Coupling 3/4" M.NPT x 1-3/4" F.ACME	Rego LPG	1,07	98,06
A007575L4	Coupling; Safty Hose Filler 1" M.NPT x 1-3/4" F.ACME	Rego LPG	0,99	109,85
A007575L5	Hose Coupling 1-1/4" M.NPT x 1-3/4" F.ACME	Rego LPG	1,27	162,69
A007575L5-1	Adapter Steel 1.2-11-1/2NP	Rego LPG		82,44
A007616	Heavy Duty Swing Check 2" F.NPT	Rego LPG	8,00	1314,67
A007704LP	Flange Seal Angle Valve 1/2" x 1/2" F. NPT	Rego LPG	0,84	120,25
A007704P	Flange Seal Globe Valve 1/2" x 1/2" F.NPT	Rego LPG	1,09	150,38
A007705-50	Repair Kit	Rego LPG	0,01	14,47
A007705P	Flange Seal Globe Valve 3/4" x 3/4" F.NPT	Rego LPG	1,05	151,82
A007706P	Flange Seal Angle Valve 3/4" x 3/4" F.NPT	Rego LPG	0,79	148,20
A007707-50	Repair Kit for Quick Acting Hose End Valves	Rego LPG	0,04	37,78
A007707-75	Repair Kit for Quick Acting Hose End Valves	Rego LPG	0,62	220,59
A007707L	Quick-Acting Hose-End Valve 1" F.NPT	Rego LPG	1,80	359,39
A007708L	Quick-Acting Hose-End Valve 1" F.NPT	Rego LPG	1,67	359,39
A007793A	Quick-Acting Minimum Loss Hose-End Valve	Rego LPG	2,84	549,77
A007794	Sight Flow Indicators 2" F.NPT	Rego LPG	4,66	989,28
A007794-10	O-Ring -A756(M)	Rego LPG	0,01	6,13
A007794-11	Sight Glass 2" for A7794	Rego LPG	0,25	58,45
A007794-12K	Gasket SIL C-4401 4.15 X 3.00	Rego LPG	0,01	10,87
A007794-13	Retainer	Rego LPG	0,46	105,10
A007795-10	O-Ring -349;.210,4.485 ID,NITR	Rego LPG	0,01	2,26
A007795-11	Sight Glass (1pcs.) for A7796	Rego LPG	0,49	83,14
A007795-12K	Gasket SIL C-4401 5.10 X 3.75	Rego LPG	0,02	11,01
A007796	Sight Flow Indicators 3" F.NPT	Rego LPG	10,00	1716,89
A007797-10M	Handle Assembly	Rego LPG	0,56	191,57
A007797-3N	Gasket for A7797A	Rego LPG	0,00	2,42
A007797-50	Repair Kit	Rego LPG	0,04	42,53
A007797-75	Stem, Bonnet & Lever Assembly Kit	Rego LPG	0,68	235,79
A007797A	Quick-Acting Minimum Loss Hose-End Valve	Rego LPG	2,78	549,77
A007797A-5	Seat & Stem Assy	Rego LPG	0,72	83,50
A007797A-75	Stem, Bonnet & Lever Assy Kit	Rego LPG		464,78
A007850-5	DISC, Seat; 0.338 NBR	Rego LPG		4,74
A007853-7	O-Ring-115; 0.103, 0.674 NBR	Rego LPG		3,86
A007853A	Three Way Quick-Acting Valve 1/4"	Rego LPG	0,68	367,95
A007853A-50	Repair Kit	Rego LPG	0,03	95,35
A007853PAF	Pneumatic Actuator for A7883/4 Flomatic	Rego LPG	1,15	391,63
A007883-21	Seat Disc & Piston Asm.	Rego LPG	1,76	849,40
A007883-25SS	Perf Metal Strainer	Rego LPG	0,01	94,64
A007883-29	Gasket for A003217/A7883FK	Rego LPG	0,08	53,26
A007883-30	Gasket for A003217/ A7883FK	Rego LPG	0,18	74,88
A007883F-150	Repair Kit for Flomatic Valves	Rego LPG	0,24	159,05
A007883F-50	Repair Kit for Flomatic Valves	Rego LPG	0,24	397,27
A007883F-80	Repair Kit for Flomatic Valves	Rego LPG	0,29	302,36
A007883FK	Flomatic Internal Valve 3" - 300#	Rego LPG	24,00	3837,63
A007884-201	Filter Singer Trap -It	Rego LPG	0,27	122,52
A007884-21	Seat Disc & Piston Asm.	Rego LPG	2,64	2080,84
A007884-60	Pump Prime Valve asm.	Rego LPG	0,06	226,03
A007884F-150	Repair Kit for Flomatic Valves	Rego LPG	0,39	197,40
A007884F-43	Bolt - Stud & Nut asm	Rego LPG	0,30	50,79
A007884F-80	Flomatic Valve Kit	Rego LPG	0,41	339,16
A007914A	Low Emission Hose-End Valve 2" FNPT	Rego LPG	7,50	1712,50
A008000-16R	Flange Packing	Rego LPG	0,00	16,03
A008012C	High Capacity Liquid Withdrawal Valve	Rego LPG	3,86	775,78
A008013D	Excess Flow Valve 1-1/4" M.NPT x 3/4" NPT	Rego LPG	0,34	120,66

A008013DA	Excess Flow Valve 1-1/4" M.NPT x 1" NPT	Rego LPG	0,41	120,66
A008013DB	Excess Flow Valve 1-1/4" M.NPT x 1-1/4" NPT	Rego LPG	0,45	120,66
A008013DF	Excess Flow Valve -Special f. Calorgas-	Rego LPG	0,71	120,38
A008016-93	Protective Cap -WHITE-	Rego LPG	0,03	7,70
A008016B-2A	Excess Flow Valve Assembly	Rego LPG	0,07	57,96
A008016B-50	Repair Kit for Multi Purpose +Transfer Valves	Rego LPG	0,02	18,04
A008016C-2A	Excess Flow Valve Assembly	Rego LPG	0,07	50,92
A008016D-2A	Excess Flow Check Valve Assembly	Rego LPG	0,04	48,24
A008016DBC	Multipurpose Valve 1-1/4" x 1-3/4"	Rego LPG	1,38	242,94
A008016DP	Multipurpose Valve 1-1/4"M.NPT x 1-3/4" M.ACME	Rego LPG	1,38	205,00
A008016F-2A	Excess Flow Valve Assembly	Rego LPG	0,07	69,72
A008017DH	Multipurpose Valve 1-1/4" M.NPT x 1" F.NPT	Rego LPG	1,49	270,56
A008017DLP	Multipurpose Valve 1-1/4" x 3/4" F.NPT	Rego LPG	1,45	224,04
A008017DP	Multipurpose Valve 1-1/4" M.NPT x 1" F.NPT	Rego LPG	1,46	201,04
A008018DP	Multipurpose Valve 1-1/4" M.NPT x 1" F.NPT	Rego LPG	1,83	355,45
A008020D	Multipurpose Right Angle Valve 1-1/4" M.NPT x 1" F.NPT	Rego LPG	1,38	275,59
A008060	Pressure Gauges 1/4" M.NPT / 60 PSI	Rego LPG		77,83
A008150	Pressure Gauges 1/4" M.NPT / 150 PSI	Rego LPG	0,16	104,54
A008400	Pressure Gauges 1/4" M.NPT / 400 PSI	Rego LPG	0,17	86,99
A008434:	Fully Internal Pressure Relief Valve 2" M.NPT	Rego LPG	0,97	427,34
A008434:13.3BAR	Fully Internal Pressure Relief Valve 2" M.NPT	Rego LPG	0,97	427,34
A008434:13.4BAR	Fully Internal Pressure Relief Valve 2" M.NPT	Rego LPG	0,97	427,34
A008434:13.8BAR	Fully Internal Pressure Relief Valve 2" M.NPT	Rego LPG	0,97	427,34
A008434:15.5BAR	Fully Internal Pressure Relief Valve 2" M.NPT	Rego LPG	0,97	427,34
A008434:15.6BAR	Fully Internal Pressure Relief Valve 2" M.NPT	Rego LPG	0,97	427,34
A008434:15.7BAR	Fully Internal Pressure Relief Valve 2" M.NPT	Rego LPG	0,97	427,34
A008434:16.4BAR	Fully Internal Pressure Relief Valve 2" M.NPT	Rego LPG	0,97	427,34
A008434:17.0BAR	Fully Internal Pressure Relief Valve 2" M.NPT	Rego LPG	0,97	427,34
A008434:18.0BAR	Fully Internal Pressure Relief Valve 2" M.NPT	Rego LPG	0,97	427,34
A008434:18.4BAR	Fully Internal Pressure Relief Valve 2" M.NPT	Rego LPG	0,97	427,34
A008434:18.6BAR	Fully Internal Pressure Relief Valve 2" M.NPT	Rego LPG	0,97	427,34
A008434:19.0BAR	Fully Internal Pressure Relief Valve 2" M.NPT	Rego LPG	0,97	427,34
A008434:20.0BAR	Fully Internal Pressure Relief Valve 2" M.NPT	Rego LPG	0,97	427,34
A008434:20.6BAR	Fully Internal Pressure Relief Valve 2" M.NPT	Rego LPG	0,97	427,34
A008434:21.8BAR	Fully Internal Pressure Relief Valve 2" M.NPT	Rego LPG	0,97	427,34
A008434:22.0BAR	Fully Internal Pressure Relief Valve 2" M.NPT	Rego LPG	0,97	427,34
A008434:22.4BAR	Fully Internal Pressure Relief Valve 2" M.NPT	Rego LPG	0,97	427,34
A008434:22.5BAR	Fully Internal Pressure Relief Valve 2" M.NPT	Rego LPG	0,97	427,34
A008434:23.0BAR	Fully Internal Pressure Relief Valve 2" M.NPT	Rego LPG	0,97	427,34
A008434:23.4BAR	Fully Internal Pressure Relief Valve 2" M.NPT	Rego LPG	0,97	427,34
A008434:24.0BAR	Fully Internal Pressure Relief Valve 2" M.NPT	Rego LPG	0,97	427,34
A008434:24.3BAR	Fully Internal Pressure Relief Valve 2" M.NPT	Rego LPG	0,97	427,34
A008434:25.0BAR	Fully Internal Pressure Relief Valve 2" M.NPT	Rego LPG	0,97	427,34
A008434:26.5Bar	Fully Internal Pressure Relief Valve 2" M.NPT	Rego LPG	0,97	427,34
A008434:27.0BAR	Fully Internal Pressure Relief Valve 2" M.NPT	Rego LPG	0,97	427,34
A008434:G	Fully Internal Pressure Relief Valve 2" M.NPT	Rego LPG	0,97	427,34
A008434:N	Fully Internal Pressure Relief Valve 2" M.NPT	Rego LPG	0,97	427,34
A008434-11B	Protective Cap -BLACK -	Rego LPG	0,08	20,02
A008434-13ZB:Kit	Stem + Retainer Assy, TRP seal	Rego LPG		692,83
A008434-40	Removal Tool for PRV A8434	Rego LPG	0,96	77,15
A008434G	Fully Internal Pressure Relief Valve 2" M.NPT	Rego LPG	0,97	427,34
A008434N	Fully Internal Pressure Relief Valve 2" M.NPT	Rego LPG	0,97	427,34
A008436:13.4BAR	Fully Internal Pressure Relief Valve 3" M.NPT	Rego LPG	5,23	911,15
A008436:14.2BAR	Fully Internal Pressure Relief Valve 3" M.NPT	Rego LPG	5,23	911,15

A008436:14.4BAR	Fully Internal Pressure Relief Valve 3" M.NPT	Rego LPG	5,23	911,15
A008436:14.8BAR	Fully Internal Pressure Relief Valve 3" M.NPT	Rego LPG	5,23	911,15
A008436:15.0BAR	Fully Internal Pressure Relief Valve 3" M.NPT	Rego LPG	5,23	911,15
A008436:15.4BAR	Fully Internal Pressure Relief Valve 3" M.NPT	Rego LPG	5,23	911,15
A008436:16.0BAR	Fully Internal Pressure Relief Valve 3" M.NPT	Rego LPG	5,23	911,15
A008436:16.5BAR	Fully Internal Pressure Relief Valve 3" M.NPT	Rego LPG	5,23	911,15
A008436:17.0BAR	Fully Internal Pressure Relief Valve 3" M.NPT	Rego LPG	5,23	911,15
A008436:17.5BAR	Fully Internal Pressure Relief Valve 3" M.NPT	Rego LPG	5,23	911,15
A008436:17.6BAR	Fully Internal Pressure Relief Valve 3" M.NPT	Rego LPG	5,23	911,15
A008436:17.8BAR	Fully Internal Pressure Relief Valve 3" M.NPT	Rego LPG	5,23	911,15
A008436:18.0BAR	Fully Internal Pressure Relief Valve 3" M.NPT	Rego LPG	5,23	911,15
A008436:18.2Bar	Fully Internal Pressure Relief Valve 3" M.NPT	Rego LPG	5,23	911,15
A008436:18.4BAR	Fully Internal Pressure Relief Valve 3" M.NPT	Rego LPG	5,23	911,15
A008436:19.0BAR	Fully Internal Pressure Relief Valve 3" M.NPT	Rego LPG	5,23	911,15
A008436:19.3BAR	Fully Internal Pressure Relief Valve 3" M.NPT	Rego LPG	5,23	911,15
A008436:19.5BAR	Fully Internal Pressure Relief Valve 3" M.NPT	Rego LPG	5,23	911,15
A008436:20.0BAR	Fully Internal Pressure Relief Valve 3" M.NPT	Rego LPG	5,23	911,15
A008436:20.6BAR	Fully Internal Pressure Relief Valve 3" M.NPT	Rego LPG	5,23	911,15
A008436:20.8BAR	Fully Internal Pressure Relief Valve 3" M.NPT	Rego LPG	5,23	911,15
A008436:20.9BAR	Fully Internal Pressure Relief Valve 3" M.NPT	Rego LPG	5,23	911,15
A008436:21.0BAR	Fully Internal Pressure Relief Valve 3" M.NPT	Rego LPG	5,23	911,15
A008436:21.3BAR	Fully Internal Pressure Relief Valve 3" M.NPT	Rego LPG	5,23	911,15
A008436:22.0BAR	Fully Internal Pressure Relief Valve 3" M.NPT	Rego LPG	5,23	911,15
A008436:22.3BAR	Fully Internal Pressure Relief Valve 3" M.NPT	Rego LPG	5,23	911,15
A008436:22.5BAR	Fully Internal Pressure Relief Valve 3" M.NPT	Rego LPG	5,23	911,15
A008436:22.6BAR	Fully Internal Pressure Relief Valve 3" M.NPT	Rego LPG	5,23	911,15
A008436:22.8BAR	Fully Internal Pressure Relief Valve 3" M.NPT	Rego LPG	5,23	911,15
A008436:23.0BAR	Fully Internal Pressure Relief Valve 3" M.NPT	Rego LPG	5,23	911,15
A008436:23.4BAR	Fully Internal Pressure Relief Valve 3" M.NPT	Rego LPG	5,23	911,15
A008436:23.5BAR	Fully Internal Pressure Relief Valve 3" M.NPT	Rego LPG	5,23	911,15
A008436:24.0BAR	Fully Internal Pressure Relief Valve 3" M.NPT	Rego LPG	5,23	911,15
A008436:24.1BAR	Fully Internal Pressure Relief Valve 3" M.NPT	Rego LPG	5,23	911,15
A008436:24.3BAR	Fully Internal Pressure Relief Valve 3" M.NPT	Rego LPG	5,23	911,15
A008436:24.4BAR	Fully Internal Pressure Relief Valve 3" M.NPT	Rego LPG	5,23	911,15
A008436:24.5BAR	Fully Internal Pressure Relief Valve 3" M.NPT	Rego LPG	5,23	911,15
A008436:24.8BAR	Fully Internal Pressure Relief Valve 3" M.NPT	Rego LPG	5,23	911,15
A008436:25.0BAR	Fully Internal Pressure Relief Valve 3" M.NPT	Rego LPG	5,23	911,15
A008436:25.5BAR	Fully Internal Pressure Relief Valve 3" M.NPT	Rego LPG	5,23	911,15
A008436:26.0BAR	Fully Internal Pressure Relief Valve 3" M.NPT	Rego LPG	5,23	911,15
A008436:26.1BAR	Fully Internal Pressure Relief Valve 3" M.NPT	Rego LPG	5,23	911,15
A008436:27.0BAR	Fully Internal Pressure Relief Valve 3" M.NPT	Rego LPG	5,23	911,15
A008436:27.5BAR	Fully Internal Pressure Relief Valve 3" M.NPT	Rego LPG	5,23	911,15
A008436:G	Fully Internal Pressure Relief Valve 3" M.NPT	Rego LPG	5,23	911,15
A008436:H	Fully Internal Pressure Relief Valve 3" M.NPT	Rego LPG	5,23	911,15
A008436:J	Fully Internal Pressure Relief Valve 3" M.NPT	Rego LPG	5,23	911,15
A008436:N	Fully Internal Pressure Relief Valve 3" M.NPT	Rego LPG	5,23	911,15
A008436:P	Fully Internal Pressure Relief Valve 3" M.NPT	Rego LPG	5,23	911,15
A008436-11B	Protective Cap -BLACK -	Rego LPG	0,08	21,47
A008436-13	Seat Disk -1712(SM)2.155X0.130	Rego LPG	0,01	6,74
A008436-3P	Stem & Retainer Assembly	Rego LPG	0,67	116,92
A008436-40	Removal Tool for PRV A8436	Rego LPG	2,54	73,01
A008436G	Fully Internal Pressure Relief Valve 3" M.NPT	Rego LPG	5,23	911,15
A008436N	Fully Internal Pressure Relief Valve 3" M.NPT	Rego LPG	5,23	911,15
A008523	Excess Flow Valve 3/4" M.NPT x 3/4" M.NPT	Rego LPG	0,22	317,24

A008525	Excess Flow Valve 1-1/4"M.NPT x 1-1/4" M.NPT	Rego LPG	0,59	585,00
A008540-16T	Seal Ring Seat Assembly	Rego LPG	0,10	215,78
A008540-21	O-Ring-A756(M) 1.421X0.139	Rego LPG	0,00	5,43
A008540-3T	Gasket	Rego LPG	0,10	12,18
A008540-6SS	Stem for Duoport A8542	Rego LPG	0,05	14,74
A008562:G	Multiport 3"	Rego LPG	46,00	5713,90
A008562:MB12.7	Multiport 3"	Rego LPG	46,00	5713,90
A008562:MB14.7	Multiport 3"	Rego LPG	46,00	5713,90
A008562:MB15.5	Multiport 3"	Rego LPG	46,00	5713,90
A008562:MB15.6	Multiport 3"	Rego LPG	46,00	5713,90
A008562:MB16.0	Multiport 3"	Rego LPG	46,00	5713,90
A008562:MB20.0	Multiport 3"	Rego LPG	46,00	5713,90
A008562:MB20.7	Multiport 3"	Rego LPG	46,00	5713,90
A008563:	Multiport 3"	Rego LPG	53,00	5713,90
A008563:G	Multiport 3"	Rego LPG	53,00	5713,90
A008563:MB12	Multiport 3"	Rego LPG	53,00	5713,90
A008563:MB14.0	Multiport 3"	Rego LPG	53,00	5713,90
A008563:MB14.5	Multiport 3"	Rego LPG	53,00	5713,90
A008563:MB15.0	Multiport 3"	Rego LPG	53,00	5713,90
A008563:MB15.5	Multiport 3"	Rego LPG	53,00	5713,90
A008563:MB15.6	Multiport 3"	Rego LPG	53,00	5713,90
A008563:MB16.0	Multiport 3"	Rego LPG	53,00	5713,90
A008563:MB17.5	Multiport 3"	Rego LPG	53,00	5713,90
A008563:MB18.0	Multiport 3"	Rego LPG	53,00	5713,90
A008563:MB18.5	Multiport 3"	Rego LPG	53,00	5713,90
A008563:MB19.0	Multiport 3"	Rego LPG	53,00	5713,90
A008563:MB20	Multiport 3"	Rego LPG	53,00	5713,90
A008563:MB22.0	Multiport 3"	Rego LPG	53,00	5713,90
A008563:MB24.1	Multiport 3"	Rego LPG	53,00	5713,90
A008563G	Multiport 3"	Rego LPG	53,00	5713,90
A008564:	Multiport 3"	Rego LPG	58,00	6561,17
A008564:G	Multiport 3"	Rego LPG	58,00	6561,17
A008564:MB12.4	Multiport 3"	Rego LPG	58,00	6561,17
A008564:MB13.1	Multiport 3"	Rego LPG	58,00	6561,17
A008564:MB13.4	Multiport 3"	Rego LPG	58,00	6561,17
A008564:MB13.8	Multiport 3"	Rego LPG	58,00	6561,17
A008564:MB15.0	Multiport 3"	Rego LPG	58,00	6561,17
A008564:MB15.6	Multiport 3"	Rego LPG	58,00	6561,17
A008564:MB15.7	Multiport 3"	Rego LPG	58,00	6561,17
A008564:MB15.8	Multiport 3"	Rego LPG	58,00	6561,17
A008564:MB16.0	Multiport 3"	Rego LPG	58,00	6561,17
A008564:MB18.4	Multiport 3"	Rego LPG	58,00	6561,17
A008564:MB19.3	Multiport 3"	Rego LPG	58,00	6561,17
A008564:MB20.0	Multiport 3"	Rego LPG	58,00	6561,17
A008564:MB24.0	Multiport 3"	Rego LPG	58,00	6561,17
A008564G	Multiport 3"	Rego LPG	58,00	6561,17
A008572:MB	Multiport 4"	Rego LPG	49,00	5858,99
A008572:MB07.0	Multiport 4"	Rego LPG	49,00	5858,99
A008572:MB08.0	Multiport 4"	Rego LPG	49,00	5858,99
A008572:MB15.6	Multiport 4"	Rego LPG	49,00	5858,99
A008572:MB16	Multiport 4"	Rego LPG	49,00	5858,99
A008572:MB17.2	Multiport 4"	Rego LPG	49,00	5858,99
A008572:MB20.0	Multiport 4"	Rego LPG	49,00	5858,99
A008573:	Multiport 4"	Rego LPG	55,00	5858,99

A008573:G	Multiport 4"	Rego LPG	55,00	5858,99
A008573:M100	Multiport 4"	Rego LPG	55,00	5858,99
A008573:M170	Multiport 4"	Rego LPG	55,00	5858,99
A008573:M200	Multiport 4"	Rego LPG	55,00	5858,99
A008573:M210	PMultiport 4"	Rego LPG	55,00	5858,99
A008573:M225	Multiport 4"	Rego LPG	55,00	5858,99
A008573:MB06.9	Multiport 4"	Rego LPG	55,00	5858,99
A008573:MB09.0	Multiport 4"	Rego LPG	55,00	5858,99
A008573:MB10.0	Multiport 4"	Rego LPG	55,00	5858,99
A008573:MB11.0	Multiport 4"	Rego LPG	55,00	5858,99
A008573:MB11.9	Multiport 4"	Rego LPG	55,00	5858,99
A008573:MB12.0	Multiport 4"	Rego LPG	55,00	5858,99
A008573:MB13.4	Multiport 4"	Rego LPG	55,00	5858,99
A008573:MB13.5	Multiport 4"	Rego LPG	55,00	5858,99
A008573:MB14.0	Multiport 4"	Rego LPG	55,00	5858,99
A008573:MB14.1	Multiport 4"	Rego LPG	55,00	5858,99
A008573:MB14.5	Multiport 4"	Rego LPG	55,00	5858,99
A008573:MB15.0	Multiport 4"	Rego LPG	55,00	5858,99
A008573:MB15.6	Multiport 4"	Rego LPG	55,00	5858,99
A008573:MB16.0	Multiport 4"	Rego LPG	55,00	5858,99
A008573:MB16.5	Multiport 4"	Rego LPG	55,00	5858,99
A008573:MB17.0	Multiport 4"	Rego LPG	55,00	5858,99
A008573:MB17.5	Multiport 4"	Rego LPG	55,00	5858,99
A008573:MB17.6	Multiport 4"	Rego LPG	55,00	5858,99
A008573:MB18.0	Multiport 4"	Rego LPG	55,00	5858,99
A008573:MB19.0	Multiport 4"	Rego LPG	55,00	5858,99
A008573:MB20	Multiport 4"	Rego LPG	55,00	5858,99
A008573:MB21	Multiport 4"	Rego LPG	55,00	5858,99
A008573:MB22	Multiport 4"	Rego LPG	55,00	5858,99
A008573:MB23.5	Multiport 4"	Rego LPG	55,00	5858,99
A008573G	Multiport 4"	Rego LPG	55,00	5858,99
A008574:	Multiport 4"	Rego LPG	61,00	6370,58
A008574:G	Multiport 4"	Rego LPG	61,00	6370,58
A008574:M100	Multiport 4" set at 07.0 Bar	Rego LPG	61,00	6370,58
A008574:M150	Multiport 4" set at 10.3 Bar	Rego LPG	61,00	6370,58
A008574:M170	Multiport 4" set at 11.7 Bar	Rego LPG	61,00	6370,58
A008574:M175	Multiport 4" set at 12.1 Bar	Rego LPG	61,00	6370,58
A008574:M200	Multiport 4" set at 13.8 Bar	Rego LPG	61,00	6370,58
A008574:M210	Multiport 4" set at 14.5 Bar	Rego LPG	61,00	6370,58
A008574:M220	Multiport 4" set at 15.2 Bar	Rego LPG	61,00	6370,58
A008574:M300	Multiport 4" set at 20.7 Bar	Rego LPG	61,00	6370,58
A008574:M305	Multiport 4" set at 21.0Bar	Rego LPG	61,00	6370,58
A008574:M320	Multiport 4" set at 22.0 Bar	Rego LPG	61,00	6370,58
A008574:MB05.0	Multiport 4"	Rego LPG	61,00	6370,58
A008574:MB05.2	Multiport 4"	Rego LPG	61,00	6370,58
A008574:MB06.5	Multiport 4"	Rego LPG	61,00	6370,58
A008574:MB06.9	Multiport 4"	Rego LPG	61,00	6370,58
A008574:MB07.5	Multiport 4"	Rego LPG	61,00	6370,58
A008574:MB07.9	Multiport 4"	Rego LPG	61,00	6370,58
A008574:MB08.0	Multiport 4"	Rego LPG	61,00	6370,58
A008574:MB08.4	Multiport 4"	Rego LPG	61,00	6370,58
A008574:MB09.0	Multiport 4"	Rego LPG	61,00	6370,58
A008574:MB09.6	Multiport 4"	Rego LPG	61,00	6370,58
A008574:MB09.7	Multiport 4"	Rego LPG	61,00	6370,58

A008574:MB10.0	Multiport 4"	Rego LPG	61,00	6370,58
A008574:MB10.5	Multiport 4"	Rego LPG	61,00	6370,58
A008574:MB11.9	Multiport 4"	Rego LPG	61,00	6370,58
A008574:MB12.0	Multiport 4"	Rego LPG	61,00	6370,58
A008574:MB12.1	Multiport 4"	Rego LPG	61,00	6370,58
A008574:MB12.5	Multiport 4"	Rego LPG	61,00	6370,58
A008574:MB12.7	Multiport 4"	Rego LPG	61,00	6370,58
A008574:MB13.0	Multiport 4"	Rego LPG	61,00	6370,58
A008574:MB13.1	Multiport 4"	Rego LPG	61,00	6370,58
A008574:MB13.3	Multiport 4"	Rego LPG	61,00	6081,71
A008574:MB13.4	Multiport 4"	Rego LPG	61,00	6370,58
A008574:MB13.9	Multiport 4"	Rego LPG	61,00	6370,58
A008574:MB14.0	Multiport 4"	Rego LPG	61,00	6370,58
A008574:MB14.2	Multiport 4"	Rego LPG	61,00	6370,58
A008574:MB14.7	Multiport 4"	Rego LPG	61,00	6370,58
A008574:MB14.8	Multiport 4"	Rego LPG	61,00	6370,58
A008574:MB14.9	Multiport 4"	Rego LPG	61,00	6370,58
A008574:MB15.0	Multiport 4"	Rego LPG	61,00	6370,58
A008574:MB15.1	Multiport 4"	Rego LPG	61,00	6370,58
A008574:MB15.2	Multiport 4"	Rego LPG	61,00	6370,58
A008574:MB15.3	Multiport 4"	Rego LPG	61,00	6370,58
A008574:MB15.5	Multiport 4"	Rego LPG	61,00	6370,58
A008574:MB15.6	Multiport 4"	Rego LPG	61,00	6370,58
A008574:MB15.7	Multiport 4"	Rego LPG	61,00	6370,58
A008574:MB16.0	Multiport 4"	Rego LPG	61,00	6370,58
A008574:MB16.2	Multiport 4"	Rego LPG	61,00	6370,58
A008574:MB16.4	Multiport 4"	Rego LPG	61,00	6370,58
A008574:MB16.5	Multiport 4"	Rego LPG	61,00	6370,58
A008574:MB16.6	Multiport 4"	Rego LPG	61,00	6370,58
A008574:MB16.7	Multiport 4"	Rego LPG	61,00	6370,58
A008574:MB17.0	Multiport 4"	Rego LPG	61,00	6370,58
A008574:MB17.2	Multiport 4"	Rego LPG	61,00	6370,58
A008574:MB17.5	Multiport 4"	Rego LPG	61,00	6370,58
A008574:MB17.6	Multiport 4"	Rego LPG	61,00	6370,58
A008574:MB18.0	Multiport 4"	Rego LPG	61,00	6370,58
A008574:MB18.4	Multiport 4"	Rego LPG	61,00	6370,58
A008574:MB18.5	Multiport 4"	Rego LPG	61,00	6370,58
A008574:MB19.0	Multiport 4"	Rego LPG	61,00	6370,58
A008574:MB19.1	Multiport 4"	Rego LPG	61,00	6370,58
A008574:MB19.4	Multiport 4"	Rego LPG	61,00	6370,58
A008574:MB19.5	Multiport 4"	Rego LPG	61,00	6370,58
A008574:MB19.6	Multiport 4"	Rego LPG	61,00	6370,58
A008574:MB20.0	Multiport 4"	Rego LPG	61,00	6370,58
A008574:MB20.6	Multiport 4"	Rego LPG	61,00	6370,58
A008574:MB21.4	Multiport 4"	Rego LPG	61,00	6370,58
A008574:MB21.5	Multiport 4"	Rego LPG	61,00	6370,58
A008574:MB22.0	Multiport 4"	Rego LPG	61,00	6370,58
A008574:MB22.6	Multiport 4"	Rego LPG	61,00	6370,58
A008574:MB23.0	Multiport 4"	Rego LPG	61,00	6370,58
A008574:MB23.5	Multiport 4"	Rego LPG	61,00	6370,58
A008574G	Multiport 4"	Rego LPG	61,00	6370,58
A008610-20T	Washer	Rego LPG		7,43
A008610-29SSA	Spring for TA8570	Rego LPG	0,01	4,89
A008610-55	O-Ring-006; 0.070 x 0.114, NBR	Rego LPG		5,57

A008890S-280	Valve REL.EXT RC2" Flange	Rego LPG		2049,70
A009090-50	Repair Kit for Rotogauges (series)	Rego LPG	0,02	169,31
A009091-18L	Rotogage Dial	Rego LPG	0,10	32,24
A009091-18LX	Rotogage Dial	Rego LPG	0,10	32,24
A009091-18N	Rotogage Dial	Rego LPG	0,10	32,24
A009091-20C	Seat Orifice Insert for Rotogauge	Rego LPG		6,87
A009091-25SS	Bushing SStl. 9/16 X 1/4	Rego LPG	0,02	32,76
A009091-5T	Support Bushing	Rego LPG	0,01	14,74
A009091-61T	BUSHING TEF 39/64	Rego LPG	0,00	5,43
A009091-M24.0	Rotogage Dip Tube	Rego LPG	0,21	81,01
A009091-M36.0	Rotogage Dip Tube	Rego LPG	0,41	104,39
A009091-M48.0	Rotogage Dip Tube	Rego LPG	0,51	130,30
A009091-M60.0	Rotogage Dip Tube	Rego LPG	0,49	158,20
A009091-M72.0	Rotogage Dip Tube	Rego LPG	0,92	186,49
A009091R	Rotogage 1"	Rego LPG	1,67	416,66
A009092R	Rotogage 1"	Rego LPG	1,98	453,39
A009093RS	Rotogage 1"	Rego LPG	2,26	467,67
A009093TS	Rotogage Supported 1"	Rego LPG	2,85	632,33
A009094RS	Rotogage 1"	Rego LPG	2,64	530,17
A009094TS	Rotogage Supported 1"	Rego LPG	3,21	682,33
A009095RS	Rotogage 1"	Rego LPG	3,03	532,55
A009095TS	Rotogage Supported 1"	Rego LPG	3,75	707,57
AA001584VH	HP Regulator 1/2"F.NPT, NH3, 45-125 PSI	Rego LPG	0,78	440,26
AA001584VL	HP Regulator 1/2"F.NPT,NH^3, 20-50 PSI	Rego LPG	0,78	440,26
AA001584VW	HP Regulator 1/2"F.NPT, NH^3, 3-25 PSI	Rego LPG	0,78	440,26
AA001586VH	HP Regulator 3/4"F.NPT, NH^3, 45-125PSI	Rego LPG	1,43	538,13
AA001586VL	HP Regulator 3/4"F.NPT, NH^3, 20-50PSI	Rego LPG	1,42	538,13
AA001586VW	HP Regulator 3/4"F.NPT, NH^3, 3-25PSI	Rego LPG	1,37	538,13
AA003126-10	Pipe Away Adaptor	Rego LPG	0,01	17,90
AA003126L030	External Pressure Relief Valve 1/2" M.NPT	Rego LPG	0,04	117,12
AA003126L163	External Pressure Relief Valve 1/2" M.NPT	Rego LPG	0,04	117,12
AA003126L250	External Pressure Relief Valve 1/2" M.NPT	Rego LPG	0,04	120,19
AA003126L312	External Pressure Relief Valve 1/2" M.NPT	Rego LPG	0,04	120,19
AA003130:04.0B	External Pressure Relief Valve 3/4" M.NPT	Rego LPG	0,10	74,14
AA003130:08.0B	External Pressure Relief Valve 3/4" M.NPT	Rego LPG	0,10	74,14
AA003130:14.5B	External Pressure Relief Valve 3/4" M.NPT	Rego LPG	0,20	74,14
AA003130:14.8B	External Pressure Relief Valve 3/4" M.NPT	Rego LPG	0,20	74,14
AA003130:15.5B	External Pressure Relief Valve 3/4" M.NPT	Rego LPG	0,20	74,14
AA003130:15.6B	External Pressure Relief Valve 3/4" M.NPT	Rego LPG	0,20	74,14
AA003130:15.7B	External Pressure Relief Valve 3/4" M.NPT	Rego LPG	0,20	74,14
AA003130:17.0B	External Pressure Relief Valve 3/4" M.NPT	Rego LPG	0,20	74,14
AA003130:17.2B	External Pressure Relief Valve 3/4" M.NPT	Rego LPG	0,20	74,14
AA003130:17.5B	External Pressure Relief Valve 3/4" M.NPT	Rego LPG	0,20	74,14
AA003130:18.0B	External Pressure Relief Valve 3/4" M.NPT	Rego LPG	0,20	74,14
AA003130:18.3B	External Pressure Relief Valve 3/4" M.NPT	Rego LPG	0,20	74,14
AA003130:19.0B	External Pressure Relief Valve 3/4" M.NPT	Rego LPG	0,20	74,14
AA003130:19.3B	External Pressure Relief Valve 3/4" M.NPT	Rego LPG	0,20	74,14
AA003130:19.5B	External Pressure Relief Valve 3/4" M.NPT	Rego LPG	0,20	74,14
AA003130:20.7B	External Pressure Relief Valve 3/4" M.NPT	Rego LPG	0,20	74,14
AA003130:21.0B	External Pressure Relief Valve 3/4" M.NPT	Rego LPG	0,20	74,14
AA003130:22.0B	External Pressure Relief Valve 3/4" M.NPT	Rego LPG	0,20	74,14
AA003130:22.6B	External Pressure Relief Valve 3/4" M.NPT	Rego LPG	0,20	74,14
AA003130:24.1B	External Pressure Relief Valve 3/4" M.NPT	Rego LPG	0,20	74,14
AA003130-40P	Tube Raincap -RED -	Rego LPG	0,01	2,91

AA003130UA:G	External Pressure Relief Valve 3/4" M.NPT	Rego LPG	0,20	74,14
AA003130UA250	External Pressure Relief Valve 3/4" M.NPT	Rego LPG	0,19	74,14
AA003130UA265	External Pressure Relief Valve 3/4" M.NPT	Rego LPG	0,19	74,14
AA003131-10	Adapter Aluminum 1-11-1/2 NPT	Rego LPG	0,04	88,83
AA003135:	External Pressure Relief Valve 1-1/4" M.NPT	Rego LPG	0,82	239,48
AA003135:13.8B	External Pressure Relief Valve 1-1/4" M.NPT	Rego LPG	0,82	239,48
AA003135:14.8B	External Pressure Relief Valve 1-1/4" M.NPT	Rego LPG	0,82	239,48
AA003135:15.6B	External Pressure Relief Valve 1-1/4" M.NPT	Rego LPG	0,82	239,48
AA003135:16.0B	External Pressure Relief Valve 1-1/4" M.NPT	Rego LPG	0,82	239,48
AA003135:16.5B	External Pressure Relief Valve 1-1/4" M.NPT	Rego LPG	0,82	239,48
AA003135:17.0B	External Pressure Relief Valve 1-1/4" M.NPT	Rego LPG	0,82	239,48
AA003135:17.5B	External Pressure Relief Valve 1-1/4" M.NPT	Rego LPG	0,82	239,48
AA003135:17.6B	External Pressure Relief Valve 1-1/4" M.NPT	Rego LPG	0,82	239,48
AA003135:18.3B	External Pressure Relief Valve 1-1/4" M.NPT	Rego LPG	0,82	239,48
AA003135:19.0B	External Pressure Relief Valve 1-1/4" M.NPT	Rego LPG	0,82	239,48
AA003135:19.5B	External Pressure Relief Valve 1-1/4" M.NPT	Rego LPG	0,82	239,48
AA003135:20.0B	External Pressure Relief Valve 1-1/4" M.NPT	Rego LPG	0,82	239,48
AA003135-10	Pipeaway Adapter 2" F.NPT	Rego LPG	0,01	68,49
AA003135-40PR	Protective Cap % Raincap	Rego LPG	0,02	3,71
AA003135MUA:G	External Pressure Relief Valve 1-1/4" M.NPT	Rego LPG	0,82	239,48
AA003135UA:G	External Pressure Relief Valve 1-1/4" M.NPT	Rego LPG	0,82	239,48
AA003135UA:N	External Pressure Relief Valve 1-1/4" M.NPT	Rego LPG	0,82	239,48
AA003135UA250	External Pressure Relief Valve 1 1/4" M.NPT	Rego LPG	0,82	239,48
AA003135UA265	External Pressure Relief Valve 1-1/4" M.NPT	Rego LPG	0,82	239,48
AA008533MA250	Delta Port 2" M.NPT	Rego LPG	22,50	5342,46
AA008542UA:	Duoport 2" M.NPT	Rego LPG	6,00	1519,67
AA008542UA:14.8Bar	Duoport 2" M.NPT	Rego LPG	6,00	1450,74
AA008542UA:15.6Bar	Duoport 2" M.NPT	Rego LPG	6,00	1519,67
AA008542UA:16.0Bar	Duoport 2" M.NPT	Rego LPG	6,00	1519,67
AA008542UA:17.5Bar	Duoport 2" M.NPT	Rego LPG	6,00	1519,67
AA008542UA:19.0Bar	Duoport 2" M.NPT	Rego LPG	6,00	1519,67
AA008542UA:250	Duoport 2" M.NPT	Rego LPG	6,00	1519,67
AA008542UA:265	Duoport 2" M.NPT	Rego LPG	6,00	1519,67
AA008542UA250	Duoport 2" M.NPT	Rego LPG	6,00	1519,67
AA008542UA265	Duoport 2" M.NPT	Rego LPG	6,00	1519,67
BA008434G	Fully Internal Pressure Relief Valve BSP	Rego LPG	0,97	427,34
C005763N	Plug with Chain & Ring 1-1/4" M.ACME	Rego LPG	0,03	25,78
C005765N	Plug with Chain & Ring 1-3/4" M. ACME	Rego LPG	0,04	17,35
C005767N	Plug with Chain & Ring 2-1/4" M.ACME	Rego LPG	0,06	20,73
C005769N	Plug with Chain & Ring 3-1/4" M.ACME	Rego LPG	0,12	44,57
CD000028T	Check Device with Everseal	Rego LPG	0,26	51,89
CD000031-8	Bonded Seal Ring	Rego LPG	0,01	11,12
CD000031T	Check Device with Everseal	Rego LPG	0,46	51,83
CD000032-8	Bonded Seal Ring	Rego LPG	0,01	18,61
CD000032T	Check Device with Everseal	Rego LPG	0,37	49,71
CD000035-8	Bonded Seal Ring	Rego LPG	0,02	16,39
CD000035T	Check Device with Everseal	Rego LPG	0,87	99,65
CD000036-8	Bonded Seal Ring	Rego LPG	0,01	20,56
CD000036E	Check Device, EU-Standard 1-1/4"	Rego LPG	0,46	74,00
CD000036T	Check Device with Everseal	Rego LPG	0,46	79,15
CD000045-8	Bonded Seal Ring	Rego LPG	0,01	21,70
CD000045E	Check Device, EU-Standard	Rego LPG	0,77	103,50
CD000045T	Check Device with Everseal	Rego LPG	0,77	92,78
E003403HR75V9	Compact HP 1st Stage Regulator / Italy	Rego LPG	0,57	33,68

E007579	Extended Double Back Check Filler Valve	Rego LPG		204,84
E008545AK	Fully Internal Pressure Relief Valve 3/4" M.NPT	Rego LPG	0,10	19,45
EG000167	Float Gauge Extension	Rego LPG		76,22
FA006010	LPG Flanged 1 1/4" ESV Manual Valve	Rego LPG		1734,80
FA006016	LPG Flanged 2" ESV Manual Valve	Rego LPG	15,50	3112,44
FA006016-60D	Kit, Remote Release Man./Pneum. for ESV-Serie	Rego LPG		424,87
FA006024	LPG Flanged 3" ESV Manual Valve	Rego LPG	31,50	5359,20
FA6016-60D	Kit, Remote Release Man./Pneum. for ESV-Serie	Rego LPG	0,45	424,87
FI007579CT	Double Check Filler Valve 1-3/4" ACME x 1-1/4" M.NPT	Rego LPG	0,54	52,59
FVA006010	LPG Flanged ESV Manual Valve, Viton	Rego LPG		1909,44
FVA006016	LPG Flanged ESV Manual Valve, Viton	Rego LPG	12,94	4170,11
G008475RL	ASME Multivalve 2-1/2" F.NPT	Rego LPG	4,70	632,61
G008475RL-RS3132:	ASME Multivalve 2-1/2" F.NPT	Rego LPG	5,30	979,81
G008475RLW	ASME Multivalve 2-1/2" F.NPT	Rego LPG	5,30	711,10
KZ003127G	External Hydrostatic Relief Valve 1/2" M.NPT	Rego LPG	0,09	129,09
KZ003127J	External Hydrostatic Relief Valve 1/4" M.NPT	Rego LPG	0,09	129,09
KZ003131:G	External Pressure Relief Valve 3/4"	Rego LPG	0,48	400,14
KZ003131K	External Pressure Relief Valve 3/4"	Rego LPG	0,49	400,14
KZ003132:10.3B	External Pressure Relief Valve 1-1/4" M.NPT	Rego LPG	1,29	966,77
KZ003132:15.2B	External Pressure Relief Valve 1-1/4" M.NPT	Rego LPG	1,29	966,77
KZ003132:20.0B	External Pressure Relief Valve 1-1/4" M.NPT	Rego LPG	1,29	966,77
KZ003132:23.0B	External Pressure Relief Valve 1-1/4" M.NPT	Rego LPG	1,29	966,77
KZ003132:25.0B	External Pressure Relief Valve 1-1/4" M.NPT	Rego LPG	1,29	966,77
KZ003132:27.5B	External Pressure Relief Valve 1-1/4" M.NPT	Rego LPG	1,29	966,77
KZ003132:G	External Pressure Relief Valve 1-1/4" M.NPT	Rego LPG	1,29	966,77
KZ003135:10.3B	External Pressure Relief Valve 1-1/4"	Rego LPG	1,48	1334,13
KZ003135:15.0B	External Pressure Relief Valve 1-1/4"	Rego LPG	1,48	1334,13
KZ003135:15.6B	External Pressure Relief Valve 1-1/4"	Rego LPG	1,48	1334,13
KZ003135:17.2B	External Pressure Relief Valve 1-1/4"	Rego LPG	1,48	1334,13
KZ003135:18.0B	External Pressure Relief Valve 1-1/4"	Rego LPG	1,48	1334,13
KZ003135:24.1B	External Pressure Relief Valve 1-1/4"	Rego LPG	1,48	1334,13
KZ003149:G	External Pressure Relief Valve 2-1/2"	Rego LPG	7,00	4224,22
KZ007534:07.3B	Semi-Internal Pressure Relief Valve 2"	Rego LPG	4,60	3572,30
KZ007534:13.8B	Semi-Internal Pressure Relief Valve 2"	Rego LPG	4,60	3572,30
KZ007534:15.2B	Semi-Internal Pressure Relief Valve 2"	Rego LPG	4,60	3572,30
KZA003149:14.0BAR	External Pressure Relief Valve 2-1/2"	Rego LPG	7,00	4224,22
KZA008434:12.1BAR	Fully Internal Pressure Relief Valve 2" M.NPT	Rego LPG	0,95	1868,67
KZA008434:13.3BAR	Fully Internal Pressure Relief Valve 2" M.NPT	Rego LPG	0,95	1868,67
KZA008434:13.7BAR	Fully Internal Pressure Relief Valve 2" M.NPT	Rego LPG	0,95	1868,67
KZA008434:13.8BAR	Fully Internal Pressure Relief Valve 2" M.NPT	Rego LPG	0,95	1868,67
KZA008434:15.2BAR	Fully Internal Pressure Relief Valve 2" M.NPT	Rego LPG	0,95	1868,67
KZA008434:15.4BAR	Fully Internal Pressure Relief Valve 2" M.NPT	Rego LPG	0,95	1868,67
KZA008434B:13.3BAR	Fully Internal Pressure Relief Valve 2" M.NPT	Rego LPG	0,95	1868,67
KZA008434B:13.8BAR	Fully Internal Pressure Relief Valve 2" M.NPT	Rego LPG	0,95	1868,67
KZA008436:13.3BAR	Fully Internal Pressure Relief Valve 3" M.NPT	Rego LPG	5,23	4030,31
KZA008436:13.4BAR	Fully Internal Pressure Relief Valve 3" M.NPT	Rego LPG	5,23	4030,31
KZA008436B:13.3BAR	Fully Internal Pressure Relief Valve 3" M.NPT	Rego LPG	5,23	4030,31
KZS008021J	External Hydrostatic Relief Valve 1/4" M.NPT	Rego LPG	0,05	138,55
KZS008022G	External Hydrostatic Relief Valve 1/2" M.NPT	Rego LPG	0,10	138,55
KZS008022J	External Hydrostatic Relief Valve 1/2" M.NPT	Rego LPG	0,10	138,55
KZS008022U	External Hydrostatic Relief Valve 1/2" M.NPT	Rego LPG	0,10	138,55
L006579C	Low Liquid Emission Double Back Check Filler Valve	Rego LPG	0,50	70,20
L007579CT	Low Liquid Emission Double Back Check Filler Valve	Rego LPG	0,48	52,59
LV000404B34	LPG 2 Stage Regulator W-1/4"NPT ZNC	Rego LPG	1,04	111,48

LV000404B34V9	LPG 2 Stage Regulator W-1/4"NPT ZNC	Rego LPG	1,00	111,48
LV000404B39	LPG 2 Stage Regulator W/BRS POL	Rego LPG	1,13	111,48
LV000404B4	LPG 2-STG Regulator 1/4 NPT	Rego LPG	1,60	111,48
LV000404B46	LPG 2-STG Regulator 1/4 NPT	Rego LPG	1,50	111,48
LV000404B46V9	LPG 2-STG Regulator 1/4 NPT	Rego LPG	1,50	111,48
LV000404B4V9	LPG 2-STG Regulator 1/4 NPT	Rego LPG	1,53	111,48
LV000404B9	LPG 2-STG Regulator W/BRS POL	Rego LPG	1,64	111,48
LV000404B96	LPG 2-STG Regulator W/BRS POL	Rego LPG	1,61	111,48
LV000404H415	LPG 2-STG Regulator SPECIAL PURPOSE	Rego LPG	1,53	111,48
LV000404H415V3	LPG 2-STG Regulator SPECIAL PURPOSE	Rego LPG	1,52	111,48
LV000404H420	LPG 2-STG Regulator SPECIAL PURPOSE	Rego LPG	1,53	111,48
LV000404H440V9	LPG 2-STG Regulator SPECIAL PURPOSE	Rego LPG	1,53	111,48
LV000404H4620	LPG 2-STG Regulator SPECIAL PURPOSE	Rego LPG	1,49	111,48
LV000404Y9	LPG 2-STG Regulator 2 PSI DELIVERY	Rego LPG	1,60	113,98
LV003403B4	Compact 2nd Stage Regulator for LP-Gas	Rego LPG	0,80	54,20
LV003403B44R	Compact "Back-Mount" Regulator	Rego LPG		76,01
LV003403B46R	Compact "Back-Mount" Regulator	Rego LPG		76,01
LV003403E4	Compact 2nd Stage Regulator for LP-Gas	Rego LPG	0,78	54,20
LV003403K4V0	Compact 2nd Stage Regulator for LP-Gas	Rego LPG	0,78	50,07
LV003403K4V9	Compact 2nd Stage Regulator for LP-Gas	Rego LPG	0,79	50,07
LV003403TR	Compact HP 1st Stage Regulator	Rego LPG	0,57	50,07
LV003403TRH	Compact HP 1st Stage Regulator / Italy	Rego LPG	0,56	50,07
LV003403TRHV9	Compact HP 1st Stage Regulator / Italy	Rego LPG	0,56	50,07
LV003403TRL	Compact HP 1st Stage Regulator / Italy	Rego LPG	0,53	50,07
LV003403TRLV9	Compact HP 1st Stage Regulator / Italy	Rego LPG	0,56	50,07
LV003403TRV9	Compact HP 1st Stage Regulator	Rego LPG	0,60	50,07
LV003403UR	Compact HP 1st Stage Regulator	Rego LPG	0,56	50,07
LV003403VR	Compact HP 1st Stage Regulator	Rego LPG	0,54	50,07
LV004403B2	LP 2nd Stage Regulator	Rego LPG	1,31	69,71
LV004403B4	LP 2nd Stage Regulator	Rego LPG	1,31	69,45
LV004403B46	LP 2nd Stage Regulator	Rego LPG	1,28	69,45
LV004403B46R	LP 2nd Stage Regulator	Rego LPG	1,25	74,00
LV004403B66	LP 2nd Stage Regulator	Rego LPG	1,35	69,91
LV004403B66R	LP 2nd Stage Regulator	Rego LPG	1,30	74,00
LV004403B66RA	LP 2nd Stage Regulator	Rego LPG	1,14	79,64
LV004403C2	Single Stage Regulator	Rego LPG	1,32	69,91
LV004403C2H42	Single Stage Regulator	Rego LPG	1,42	116,46
LV004403C4	Single Stage Regulator	Rego LPG	1,39	69,91
LV004403C9	Single Stage Regulator	Rego LPG	1,31	69,91
LV004403E66RA	LP 2nd Stage Regulator	Rego LPG	1,54	79,64
LV004403F66RA	LP Service Regulator for Natural Gas	Rego LPG	1,35	79,50
LV004403H414	LP 2nd Stage Regulator	Rego LPG	1,31	69,45
LV004403H420	LP 2nd Stage Regulator	Rego LPG	1,32	73,46
LV004403H4614	LP 2nd Stage Regulator	Rego LPG	1,26	69,45
LV004403H4620	LP 2nd Stage Regulator	Rego LPG	1,25	73,26
LV004403H6614	LP 2nd Stage Regulator	Rego LPG	1,35	69,45
LV004403K46	LP 2nd Stage Regulator	Rego LPG	1,28	72,83
LV004403K46V9	LP 2nd Stage Regulator	Rego LPG	1,28	72,83
LV004403SR4	HP 1st Stage Regulator	Rego LPG	1,33	86,72
LV004403SR9	HP 1st Stage Regulator	Rego LPG	1,40	86,72
LV004403SR96	HP 1st Stage Regulator	Rego LPG	1,32	86,72
LV004403T4	HP 1st Stage Regulator for Ireland	Rego LPG	1,42	86,72
LV004403TR4	HP 1st Stage Regulator	Rego LPG	1,34	86,72
LV004403TR9	HP 1st Stage Regulator	Rego LPG	1,40	86,72

LV004403TR96	HP 1st Stage Regulator	Rego LPG	1,40	86,72
LV004403UR9	HP 1st Stage Regulator	Rego LPG	1,35	86,72
LV004403V4	HP 1st Stage Regulator 1/2" F.NPT	Rego LPG	1,46	86,72
LV004403V9	HP 1st Stage Regulator F.POL	Rego LPG	1,45	86,72
LV004403Y4	LP 2nd Stage Regulator for 2PSIG Systems	Rego LPG	1,29	75,84
LV004403Y46R	2nd Stage Regulator for 2PSIG Systems	Rego LPG	1,29	79,39
LV005503B4	LP 2nd Stage Regulator	Rego LPG	1,23	96,52
LV005503B6	LP 2nd Stage Regulator	Rego LPG	1,29	96,52
LV005503B8	LP 2nd Stage Regulator	Rego LPG	1,30	96,52
LV005503C4	Single Stage Regulator	Rego LPG	1,22	96,52
LV005503C9	Single Stage Regulator	Rego LPG	1,20	96,52
LV005503G4	LP 2nd Stage Regulator	Rego LPG	1,29	119,22
LV005503H414	LP 2nd Stage Regulator	Rego LPG	1,19	96,52
LV005503H614	LP 2nd Stage Regulator	Rego LPG	1,29	96,52
LV005503H620	LP 2nd Stage Regulator	Rego LPG	1,25	99,04
LV005503H640	LP 2nd Stage Regulator	Rego LPG	1,25	96,52
LV005503H814	LP 2nd Stage Regulator	Rego LPG	1,30	96,52
LV005503H820	LP 2nd Stage Regulator	Rego LPG	1,22	96,52
LV005503H840	LP 2nd Stage Regulator	Rego LPG	1,30	126,65
LV005503K4	LP 2nd Stage Regulator with BSP thread	Rego LPG	1,17	150,38
LV005503K8	LP 2nd Stage Regulator with BSP thread	Rego LPG	1,21	150,38
LV005503Y6	2nd Stage Regulator	Rego LPG	1,26	96,52
LV005503Y8	2nd Stage Regulator	Rego LPG	1,23	96,52
PG008475RL	ASME Multivalve 2-1/2" F.NPT with PRESTO-TAP	Rego LPG		632,61
PT006542R12.0	ASME Multivalve 1" M.NGT with Presto-Tap	Rego LPG	1,50	296,92
PT009102R11.1	Service Valve with MultiBonnet 3/4" M. NGT	Rego LPG	0,49	79,80
RS003131:10.0B	Pressure Relief Valve 3/4" NPSM	Rego LPG	0,49	55,64
RS003131:12.0B	Pressure Relief Valve 3/4" NPSM	Rego LPG	0,49	55,64
RS003131:13.8B	Pressure Relief Valve 3/4" NPSM	Rego LPG	0,49	55,64
RS003131:14.0B	Pressure Relief Valve 3/4" NPSM	Rego LPG	0,49	55,64
RS003131:14.8B	Pressure Relief Valve 3/4" NPSM	Rego LPG	0,49	55,64
RS003131:15.5B	Pressure Relief Valve 3/4" NPSM	Rego LPG	0,49	55,64
RS003131:15.6B	Pressure Relief Valve 3/4" NPSM	Rego LPG	0,49	55,64
RS003131:15.7B	Pressure Relief Valve 3/4" NPSM	Rego LPG	0,49	55,64
RS003131:16.0B	Pressure Relief Valve 3/4" NPSM	Rego LPG	0,49	55,64
RS003131:16.7B	Pressure Relief Valve 3/4"NPSM	Rego LPG	0,49	55,64
RS003131:17.0B	Pressure Relief Valve 3/4" NPSM	Rego LPG	0,49	55,64
RS003131:17.2B	Pressure Relief Valve 3/4" NPSM	Rego LPG	0,49	55,64
RS003131:17.6B	Pressure Relief Valve 3/4" NPSM	Rego LPG	0,49	55,64
RS003131:18.4B	Pressure Relief Valve 3/4" NPSM	Rego LPG	0,49	55,64
RS003131:18.5B	Pressure Relief Valve 3/4" NPSM	Rego LPG	0,49	55,64
RS003131:18.7B	Pressure Relief Valve 3/4" NPSM	Rego LPG	0,49	55,64
RS003131:19.0B	Pressure Relief Valve 3/4" NPSM	Rego LPG	0,49	55,64
RS003131:20.0B	Pressure Relief Valve 3/4" NPSM	Rego LPG	0,49	55,64
RS003131:20.5B	Pressure Relief Valve 3/4" NPSM	Rego LPG	0,49	55,64
RS003131:21.0B	Pressure Relief Valve 3/4" NPSM	Rego LPG	0,49	55,64
RS003131:22.0B	Pressure Relief Valve 3/4" NPSM	Rego LPG	0,49	55,64
RS003131:24.0B	Pressure Relief Valve 3/4" NPSM	Rego LPG	0,49	55,64
RS003132:10.0B	Pressure Relief Valve 1" NPSM	Rego LPG	1,09	165,35
RS003132:11.0B	Pressure Relief Valve 1" NPSM	Rego LPG	1,09	165,35
RS003132:11.5B	Pressure Relief Valve 1" NPSM	Rego LPG	1,09	165,35
RS003132:12.0B	Pressure Relief Valve 1" NPSM	Rego LPG	1,09	165,35
RS003132:12.1B	Pressure Relief Valve 1" NPSM	Rego LPG	1,09	165,35
RS003132:12.5B	Pressure Relief Valve 1" NPSM	Rego LPG	1,09	165,35

RS003132:13.0B	Pressure Relief Valve 1" NPSM	Rego LPG	1,09	165,35
RS003132:13.7B	Pressure Relief Valve 1" NPSM	Rego LPG	1,09	165,35
RS003132:13.8B	Pressure Relief Valve 1" NPSM	Rego LPG	1,09	165,35
RS003132:14.5B	Pressure Relief Valve 1" NPSM	Rego LPG	1,09	165,35
RS003132:14.7B	Pressure Relief Valve 1" NPSM	Rego LPG	1,09	165,35
RS003132:14.8B	Pressure Relief Valve 1" NPSM	Rego LPG	1,09	165,35
RS003132:15.0B	Pressure Relief Valve 1" NPSM	Rego LPG	1,09	165,35
RS003132:15.2B	Pressure Relief Valve 1" NPSM	Rego LPG	1,09	165,35
RS003132:15.5B	Pressure Relief Valve 1" NPSM	Rego LPG	1,09	165,35
RS003132:15.6B	Pressure Relief Valve 1" NPSM	Rego LPG	1,09	165,35
RS003132:15.7B	Pressure Relief Valve 1" NPSM	Rego LPG	1,09	165,35
RS003132:16.0B	Pressure Relief Valve 1" NPSM	Rego LPG	1,09	165,35
RS003132:16.4B	Pressure Relief Valve 1" NPSM	Rego LPG	1,09	165,35
RS003132:16.5B	Pressure Relief Valve 1" NPSM	Rego LPG	1,09	165,35
RS003132:16.7B	Pressure Relief Valve 1" NPSM	Rego LPG	1,09	165,35
RS003132:17.0B	Pressure Relief Valve 1" NPSM	Rego LPG	1,09	165,35
RS003132:17.2B	Pressure Relief Valve 1" NPSM	Rego LPG	1,09	165,35
RS003132:17.5B	Pressure Relief Valve 1" NPSM	Rego LPG	1,09	165,35
RS003132:17.6B	Pressure Relief Valve 1" NPSM	Rego LPG	1,09	165,35
RS003132:18.4B	Pressure Relief Valve 1" NPSM	Rego LPG	1,09	165,35
RS003132:18.7B	Pressure Relief Valve 1" NPSM	Rego LPG	1,09	165,35
RS003132:19.0B	Pressure Relief Valve 1" NPSM	Rego LPG	1,09	165,35
RS003132:19.3B	Pressure Relief Valve 1" NPSM	Rego LPG	1,09	165,35
RS003132:19.4B	Pressure Relief Valve 1" NPSM	Rego LPG	1,09	165,35
RS003132:20.0B	Pressure Relief Valve 1" NPSM7	Rego LPG	1,09	165,35
RS003135:12.0B	Pressure Relief Valve 1-1/4" NPSM	Rego LPG	1,44	228,53
RS003135:12.6B	Pressure Relief Valve 1-1/4" NPSM	Rego LPG	1,44	228,53
RS003135:13.0B	Pressure Relief Valve 1-1/4" NPSM	Rego LPG	1,44	228,53
RS003135:13.2B	Pressure Relief Valve 1-1/4" NPSM	Rego LPG	1,44	228,53
RS003135:13.7B	Pressure Relief Valve 1-1/4" NPSM	Rego LPG	1,44	228,53
RS003135:13.8B	Pressure Relief Valve 1-1/4" NPSM	Rego LPG	1,44	228,53
RS003135:14.0B	Pressure Relief Valve 1-1/4" NPSM	Rego LPG	1,44	228,53
RS003135:14.5B	Pressure Relief Valve 1-1/4" NPSM	Rego LPG	1,44	228,53
RS003135:14.8B	Pressure Relief Valve 1-1/4" NPSM	Rego LPG	1,44	228,53
RS003135:15.0B	Pressure Relief Valve 1-1/4" NPSM	Rego LPG	1,44	228,53
RS003135:15.1B	Pressure Relief Valve 1-1/4" NPSM	Rego LPG	1,44	228,53
RS003135:15.3B	Pressure Relief Valve 1-1/4" NPSM	Rego LPG	1,44	228,53
RS003135:15.5B	Pressure Relief Valve 1-1/4" NPSM	Rego LPG	1,44	228,53
RS003135:15.6B	Pressure Relief Valve 1-1/4" NPSM	Rego LPG	1,44	228,53
RS003135:15.7B	Pressure Relief Valve 1-1/4" NPSM	Rego LPG	1,44	228,53
RS003135:16.0B	Pressure Relief Valve 1-1/4" NPSM	Rego LPG	1,44	228,53
RS003135:16.4B	Pressure Relief Valve 1-1/4" NPSM	Rego LPG	1,44	228,53
RS003135:16.5B	Pressure Relief Valve 1-1/4" NPSM	Rego LPG	1,44	228,53
RS003135:16.7B	Pressure Relief Valve 1-1/4" NPSM	Rego LPG	1,44	228,53
RS003135:17.0B	Pressure Relief Valve 1-1/4" NPSM	Rego LPG	1,44	228,53
RS003135:17.2B	Pressure Relief Valve 1-1/4" NPSM	Rego LPG	1,44	228,53
RS003135:17.6B	Pressure Relief Valve 1-1/4" NPSM	Rego LPG	1,44	228,53
RS003135:17.8B	Pressure Relief Valve 1-1/4" NPSM	Rego LPG	1,44	228,53
RS003135:18.4B	Pressure Relief Valve 1-1/4" NPSM	Rego LPG	1,44	228,53
RS003135:18.5B	Pressure Relief Valve 1-1/4" NPSM	Rego LPG	1,44	228,53
RS003135:20.0B	Pressure Relief Valve 1-1/4" NPSM	Rego LPG	1,44	228,53
RS003136:14.5B	Pressure Relief Valve M36X2METRIC	Rego LPG	1,21	228,53
RS003136:15.0B	Pressure Relief Valve M36X2METRIC	Rego LPG	1,21	228,53
RS003136:15.6B	Pressure Relief Valve M36X2METRIC	Rego LPG	1,21	228,53

RS003136:16.0B	Pressure Relief Valve M36X2METRIC	Rego LPG	1,23	228,53
RS003136:16.5B	Pressure Relief Valve M36X2METRIC	Rego LPG	1,23	228,53
RS003136:16.7B	Pressure Relief Valve M36X2METRIC	Rego LPG	1,23	228,53
RS003136:17.0B	Pressure Relief Valve M36X2METRIC	Rego LPG	1,23	228,53
RS003136:17.2B	Pressure Relief Valve M36X2METRIC	Rego LPG	1,23	228,53
RS003136:17.6B	Pressure Relief Valve M36X2METRIC	Rego LPG	1,23	228,53
RS003136:18.0B	Pressure Relief Valve M36X2METRIC	Rego LPG	1,23	228,53
RS003136:19.0B	Pressure Relief Valve M36X2METRIC	Rego LPG	1,23	228,53
RS003136:20.0B	Pressure Relief Valve M36X2METRIC	Rego LPG	1,23	228,53
RS003145:11.5B	Pressure Relief Valve M45X2METRIC	Rego LPG	1,51	228,53
RS003145:12.0B	Pressure Relief Valve M45X2METRIC	Rego LPG	1,51	228,53
RS003145:13.0B	Pressure Relief Valve M45X2METRIC	Rego LPG	1,51	228,53
RS003145:13.7B	Pressure Relief Valve M45X2METRIC	Rego LPG	1,51	228,53
RS003145:13.8B	Pressure Relief Valve M45X2METRIC	Rego LPG	1,51	228,53
RS003145:14.0B	Pressure Relief Valve M45X2METRIC	Rego LPG	1,51	228,53
RS003145:14.7B	Pressure Relief Valve M45X2METRIC	Rego LPG	1,51	228,53
RS003145:14.8B	Pressure Relief Valve M45X2METRIC	Rego LPG	1,51	228,53
RS003145:15.0B	Pressure Relief Valve M45X2METRIC	Rego LPG	1,51	228,53
RS003145:15.4B	Pressure Relief Valve M45X2METRIC	Rego LPG	1,51	228,53
RS003145:15.5B	Pressure Relief Valve M45X2METRIC	Rego LPG	1,51	228,53
RS003145:15.6B	Pressure Relief Valve M45X2METRIC	Rego LPG	1,51	228,53
RS003145:15.7B	Pressure Relief Valve M45X2METRIC	Rego LPG	1,51	228,53
RS003145:15.8B	Pressure Relief Valve M45X2METRIC	Rego LPG	1,51	228,53
RS003145:16.0B	Pressure Relief Valve M45X2METRIC	Rego LPG	1,51	228,53
RS003145:16.7B	Pressure Relief Valve M45X2METRIC	Rego LPG	1,51	228,53
RS003145:17.0B	Pressure Relief Valve M45X2METRIC	Rego LPG	1,51	228,53
RS003145:17.2B	Pressure Relief Valve M45X2METRIC	Rego LPG	1,51	228,53
RS003145:17.5B	Pressure Relief Valve M45X2METRIC	Rego LPG	1,51	228,53
RS003145:17.6B	Pressure Relief Valve M45X2METRIC	Rego LPG	1,51	228,53
RS003145:18.2B	Pressure Relief Valve M45X2METRIC	Rego LPG	1,51	228,53
RS003145:18.4B	Pressure Relief Valve M45X2METRIC	Rego LPG	1,51	228,53
RS003145:18.7B	Pressure Relief Valve M45X2METRIC	Rego LPG	1,51	228,53
RS003145:19.0B	Pressure Relief Valve M45X2METRIC	Rego LPG	1,51	228,53
RS003145:19.3B	Pressure Relief Valve M45X2METRIC	Rego LPG	1,51	228,53
RS003145:19.5B	Pressure Relief Valve M45X2METRIC	Rego LPG	1,51	228,53
RS003145:20.0B	Pressure Relief Valve M45X2METRIC	Rego LPG	1,51	228,53
SF007579-50L	Extension Kit for SF7579V Series Filler Valves	Rego LPG	0,90	212,74
SF007647V11.0	Combination Filler Valve with Overfill Protection Device (OPD)	Rego LPG	0,53	162,20
SF007647V11.1	Combination Filler Valve with Overfill Protection Device (OPD)	Rego LPG		162,20
SFL007579VE07.5	Combination Filler Valve with Overfill Protection Device (OPD)	Rego LPG	1,04	319,34
SFL007579VE10.6	Combination Filler Valve with Overfill Protection Device (OPD)	Rego LPG	1,20	319,34
SFL007579VE13.0	Combination Filler Valve with Overfill Protection Device (OPD)	Rego LPG	1,22	319,34
SFL007579VE15.1	Combination Filler Valve with Overfill Protection Device (OPD)	Rego LPG	1,31	319,34
SS008001G	External Hydrostatic Relief Valve 1/4" M.NPT	Rego LPG	0,03	31,29
SS008001J	External Hydrostatic Relief Valve 1/4" M.NPT	Rego LPG	0,03	31,29
SS008001L	External Hydrostatic Relief Valve 1/4" M.NPT	Rego LPG	0,03	31,29
SS008001U	External Hydrostatic Relief Valve 1/4" M.NPT	Rego LPG	0,03	31,29
SS008002G	External Hydrostatic Relief Valve 1/2" M.NPT	Rego LPG	0,10	65,77
SS008002J	External Hydrostatic Relief Valve 1/2" M.NPT	Rego LPG	0,10	65,77
SS008002L	External Hydrostatic Relief Valve 1/2" M.NPT	Rego LPG	0,10	65,77
SS008002U	External Hydrostatic Relief Valve 1/2" M.NPT	Rego LPG	0,10	65,77
SS008021G	External Hydrostatic Relief Valve 1/4" M.NPT	Rego LPG	0,05	51,49
SS008021J	External Hydrostatic Relief Valve 1/4" M.NPT	Rego LPG	0,05	51,49
SS008021L	External Hydrostatic Relief Valve 1/4" M.NPT	Rego LPG	0,05	51,49

SS008021U	External Hydrostatic Relief Valve 1/4" M.NPT	Rego LPG	0,05	51,49
SS008022G	External Hydrostatic Relief Valve 1/2" M.NPT	Rego LPG	0,11	89,71
SS008022H	External Hydrostatic Relief Valve 1/2" M.NPT	Rego LPG	0,11	89,71
SS008022J	External Hydrostatic Relief Valve 1/2" M.NPT	Rego LPG	0,10	89,71
SS008022L	External Hydrostatic Relief Valve 1/2" M.NPT	Rego LPG	0,10	89,71
SS008022P	External Hydrostatic Relief Valve 1/2" M.NPT	Rego LPG	0,11	89,71
SS008022U	External Hydrostatic Relief Valve 1/2" M.NPT	Rego LPG	0,10	89,71
SSA003186	Stainless Steel 2" Soft Seat Back Check Valve	Rego LPG		149,93
SSA003196	Stainless Steel 3" Soft Seat Back Check Valve	Rego LPG		341,22
SSA003197	Stainless Steel 3" M.MPT/2"F. NPT Soft Seat Back Check Valve	Rego LPG		378,44
SSA003218F410	Stainless Steel Internal Valve 3" Single FLNG	Rego LPG		3274,80
SSA003218F510	Stainless Steel Internal Valve 3" Single FLNG	Rego LPG		3274,80
T003131G	External Pressure Relief Valve 3/4" M.NPT	Rego LPG	0,48	73,11
T003132G	External Pressure Relief Valve 1-1/4" M.NPT	Rego LPG	1,30	219,14
TA003169F12.0	Fixed Liquid Level Gauge 1/4" M.NPT	Rego LPG	0,06	85,50
TA003217AR410	Flanged Internal Valve 3"	Rego LPG	17,50	5823,76
TA003217AR-80	Repair Kit for A3217AR / AL Series Teflon	Rego LPG		1199,22
TA003219RA	Rotary Actuator Kit for A003219 for Trucks	Rego LPG	4,01	1180,62
TA007034-50	Repair Kit for Globe Valves	Rego LPG	0,02	48,94
TA007034LP	Angle Valve 1/2" F.NPT with Teflon Seat	Rego LPG	1,02	241,40
TA007034P	Globe Valve 1/2" F.NPT with Teflon Seat	Rego LPG	1,22	229,28
TA007505AP	Globe Valve 3/4" F.NPT with Teflon Seat	Rego LPG	1,14	241,40
TA007506AP	Angle Valve 3/4" F.NPT with Teflon Seat	Rego LPG	0,95	241,40
TA007507-50	Repair Kit for Globe Valves	Rego LPG	0,03	31,81
TA007507AP	Globe Valve 1" F.NPT with Teflon Seat	Rego LPG	1,47	242,94
TA007509B-50	Repair Kit for Globe Valves	Rego LPG	0,04	68,14
TA007509BP	Globe Valve 1-1/4" F.NPT with Teflon Seat	Rego LPG	3,16	448,54
TA007510BP	Angle Valve 1-1/4" F.NPT with Teflon Seat	Rego LPG	2,95	448,54
TA007511A-50	Repair Kit for Globe Valves	Rego LPG	0,05	114,55
TA007511AP	Globe Valve 1-1/2" F.NPT with Teflon Seat	Rego LPG	4,22	626,35
TA007511FP	Globe Valve 1-1/2" Flange with Teflon Seat	Rego LPG	9,50	2271,31
TA007513A-50	Repair Kit for Globe Valves	Rego LPG	0,07	66,84
TA007513AP	Globe Valve 2" F.NPT with Teflon Seat	Rego LPG	6,00	579,84
TA007513FP	Globe Valve 2" Flange with Teflon Seat	Rego LPG	14,00	1810,77
TA007515A-50	Repair Kit for Globe Valves	Rego LPG	0,10	119,15
TA007517AP	Globe Valve 3" F.NPT with Teflon Seat	Rego LPG	18,00	1821,99
TA007517FP	Globe Valve 3" Flange with Teflon Seat	Rego LPG	29,50	3551,89
TA007894P	Tank Car Angle Valve	Rego LPG	12,00	1663,80
TSS003169	Vent Valve 1/4" M.NPT	Rego LPG	0,03	23,40
VA003217AR410	Flanged Internal Valve 3" with Viton seat	Rego LPG	17,50	3266,72
VA006010	Swing-Check ESV 1-1/4" F.NPT, Viton	Rego LPG	5,71	931,26
VA006016	Swing-Check ESV 2" F.NPT	Rego LPG	5,59	1649,20
VA006024	Swing-Check ESV 3" F.NPT	Rego LPG		2379,98
W003132:13.8B	External Pressure Relief Valve 1" M.NPT	Rego LPG	1,13	211,99
W003132:14.1BAR	External Pressure Relief Valve 1" M.NPT	Rego LPG	1,13	211,99
W003132:14.5BAR	External Pressure Relief Valve 1" M.NPT	Rego LPG	1,13	211,99
W003132:14.7BAR	External Pressure Relief Valve 1" M.NPT	Rego LPG	1,13	211,99
W003132:14.8B	External Pressure Relief Valve 1" M.NPT	Rego LPG	1,13	211,99
W003132:15.0B	External Pressure Relief Valve 1" M.NPT	Rego LPG	1,13	211,99
W003132:15.2B	External Pressure Relief Valve 1" M.NPT	Rego LPG	1,13	211,99
W003132:15.5B	External Pressure Relief Valve 1" M.NPT	Rego LPG	1,13	211,99
W003132:15.6B	External Pressure Relief Valve 1" M.NPT	Rego LPG	1,13	211,99
W003132:15.7B	External Pressure Relief Valve 1" M.NPT	Rego LPG	1,13	211,99
W003132:16.0B	External Pressure Relief Valve 1" M.NPT	Rego LPG	1,13	211,99

W003132:16.5B	External Pressure Relief Valve 1" M.NPT	Rego LPG	1,13	211,99
W003132:17.0B	External Pressure Relief Valve 1" M.NPT	Rego LPG	1,13	211,99
W003132:17.5B	External Pressure Relief Valve 1" M.NPT	Rego LPG	1,13	211,99
W003132:18.4B	External Pressure Relief Valve 1" M.NPT	Rego LPG	1,18	211,99
W003132:19.0B	External Pressure Relief Valve 1" M.NPT	Rego LPG	1,18	211,99
W003132:19.2B	External Pressure Relief Valve 1" M.NPT	Rego LPG	1,18	211,99
W003132:20.0B	External Pressure Relief Valve 1" M.NPT	Rego LPG	1,18	211,99
W003132:20.8B	External Pressure Relief Valve 1" M.NPT	Rego LPG	1,18	211,99
W003132:21.0B	External Pressure Relief Valve 1" M.NPT	Rego LPG	1,18	211,99
W003132:21.5B	External Pressure Relief Valve 1" M.NPT	Rego LPG	1,18	211,99
W003132:22.0B	External Pressure Relief Valve 1" M.NPT	Rego LPG	1,18	211,99
W003132:24.0B	External Pressure Relief Valve 1" M.NPT	Rego LPG	1,18	211,99
W003132:G	External Pressure Relief Valve 1" M.NPT	Rego LPG	1,13	211,99
W003132G	External Pressure Relief Valve 1" M.NPT	Rego LPG	1,13	211,99
X001584VH	HP Regulator, high temperatur, 1/2"F.NPT 45-125PSI	Rego LPG	0,75	219,68
X001584VL	HP Regulator, high temperatur, 1/2"F.NPT 25-50PSI	Rego LPG	0,75	219,68
X001584VN	HP Regulator, high temperatur, 1/2"F.NPT 3-30PSI	Rego LPG	0,75	219,68
X001586VH	HP Regulator, high temperatur, 3/4"F.NPT 45-125PSI	Rego LPG	1,40	296,08
X001586VL	HP Regulator, high temperatur, 3/4"F.NPT 25-50PSI	Rego LPG	1,40	296,08
X001586VN	HP Regulator, high temperatur, 3/4"F.NPT 3-30PSI	Rego LPG	1,40	296,08
X001588VH	HP Regulator, high temperatur, 1"F.NPT 45-125PSI	Rego LPG	1,40	310,09
X001588VL	HP Regulator, high temperatur, 1"F.NPT 25-50PSI	Rego LPG	1,40	310,09
X001588VN	HP Regulator, high temperatur, 1"F.NPT 3-30PSI	Rego LPG	1,40	310,09
Y007520:	Multivalve without Dip Tube	Rego LPG	0,70	79,15
Y007520:T	Multivalve for Italy special mounted	Rego LPG	0,73	101,10