



GASARC[™]

AN **ESAB**® BRAND

GASARC - Company Overview

LAB11114 / February 2019

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Turning our QUALITY into your CONTROL

About Us

GASARC are a world leading company in the design, manufacture and supply of gas control products and systems. With our head office and manufacturing facility based in the UK, we have a long and successful heritage of producing quality application based solutions that both meet and exceed our customers' expectations.



GASARC is a wholly-owned subsidiary of the ESAB Group.

With over 8,500 associates, extensive manufacturing across 4 continents and ownership of some of the world's strongest leading brands globally, ESAB are truly the world's leading fabrication technology manufacturer and supplier.

Global Support & Distribution



As a world leader in our field, we distribute our products and services to over 50 countries across 6 continents, making us a true global supplier.

Our solutions can be found integrated into some of the world's most critical production, life science and high tech R&D processes, supporting the technology of today and tomorrow.

Our values



WE LIVE OUR VALUES

It takes focus, dedication and living our values to achieve success for our customers. We all play a crucial role in driving our company forward.



Customer talk, we listen

- Maintain a constant focus on quality and speed
- Create unique, value-added and differentiated solutions
- Execute robust, repeatable processes that consistently meet or exceed customer expectations
- Promote positive problem resolution
- Earn our customers' business



The Best Team Wins

- Exhibit high integrity and respect for others
- Seek fact-based, root-cause solutions, not blame
- Be non-political and non-bureaucratic
- Demonstrate a high sense of urgency
- Have a strong level of accountability
- Strive for a safe work environment
- Take satisfaction in being a valued member of a winning team



Continuous Improvement (Kaizen) Is Our Way Of Life

- Maintain a constant focus on quality and speed
- Create unique, value-added and differentiated solutions
- Execute robust, repeatable processes that consistently meet or exceed customer expectations
- Promote positive problem resolution
- Earn our customers' business



Innovation Defines Our Future

- Generate breakthrough ideas for technology, products, solutions and processes
- Provide differentiated customer solutions
- Create products and services that improve quality of life and environmental stewardship
- Deliver above market growth



We Compete For Shareholders Based On Our Performance

- Develop strong, comprehensive strategic plans
- Build effective operating plans to execute the strategic plan
- Drive toward absolute best-in-class results to maximise profits, working capital and cash flow

Quality Management

At GASARC we are committed to developing and producing innovative products for our customers globally, providing solutions driven through a culture of 'Continuous Improvement'. The key to this success has been our drive to implement the latest 'Quality Management Systems', ensuring all of our systems meet and exceed global standards.

- ISO 9001:2015 Quality Management System
- Pressure Equipment Directive 2014/68/EU
- Transportable Pressure Equipment Directive 2010/35/EU
- International Maritime Dangerous Goods Code (IMDG).
- 100% Helium Leak Testing @ 6.0 Purity.



bsi.



By Royal Charter

Certificate of Registration

QUALITY MANAGEMENT SYSTEM - ISO 9001:2015

This is to certify that:

Gas-Arc Group Limited
Vinces Road
Diss
IP22 4WW
United Kingdom

Holds Certificate Number:

Q 05965

and operates a Quality Management System which complies with the requirements of ISO 9001:2015 for the following scope:

The design, manufacture and repair of industrial gas control and handling equipment. The design and manufacture of gas-arc range of welding, cutting and related equipment. The design, manufacture and repair of gas distribution manifolds, control panels, outlet points and accessories.

For and on behalf of BSI:

Andrew Launn, EMEA Systems Certification Director

Original Registration Date: 1991-12-11

Effective Date: 2018-10-22

Latest Revision Date: 2018-09-11

Expiry Date: 2021-10-21

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...making excellence a habit.™

This certificate was issued electronically and remains the property of BSI and is bound by the conditions of contract. An electronic certificate can be authenticated [online](#). Printed copies can be validated at www.bsigroup.com/ClientDirectory

Information and Contact: BSI, Kitemark Court, Davy Avenue, Knowlhill, Milton Keynes MK5 8PP. Tel: + 44 345 080 9000
BSI Assurance UK Limited, registered in England under number 7805321 at 389 Chiswick High Road, London W4 4AL, UK.
A Member of the BSI Group of Companies.

OUR EMPLOYEES



MAKE THE DIFFERENCE

PRECISION

We at GASARC believe that a key ingredient to our success has been our continuous investment in the latest production machinery, techniques and processes. With our automated 24/7 machining, cleaning and optical inspection facility, we produce over 75,000 products and components each week from a variety of materials to support the vast majority of analytical and production gases.

PRODUCTIVITY

Equipped with a fully integrated documentation scanning solution and automated assembly build work centres, our production cells are also equipped with the latest technology, ensuring that our customers' orders are built on time, to specification and to the highest quality. These advanced techniques provide us with the ability to service both large volume consignments and small complex bespoke system designs.

QUALITY

Throughout the entire development and manufacturing process of our products, we are committed to designing and producing solutions that deliver the highest levels of accuracy in gas control. With our end-to-end state-of-the-art design platform and full digitalised product testing laboratory, we map the life performance of our products ensuring they are suited for our end customers applications.

GASARC Solution Provider



Wall Mounted Integrated Outlet Point



Wall Mounting Inline Outlet Point



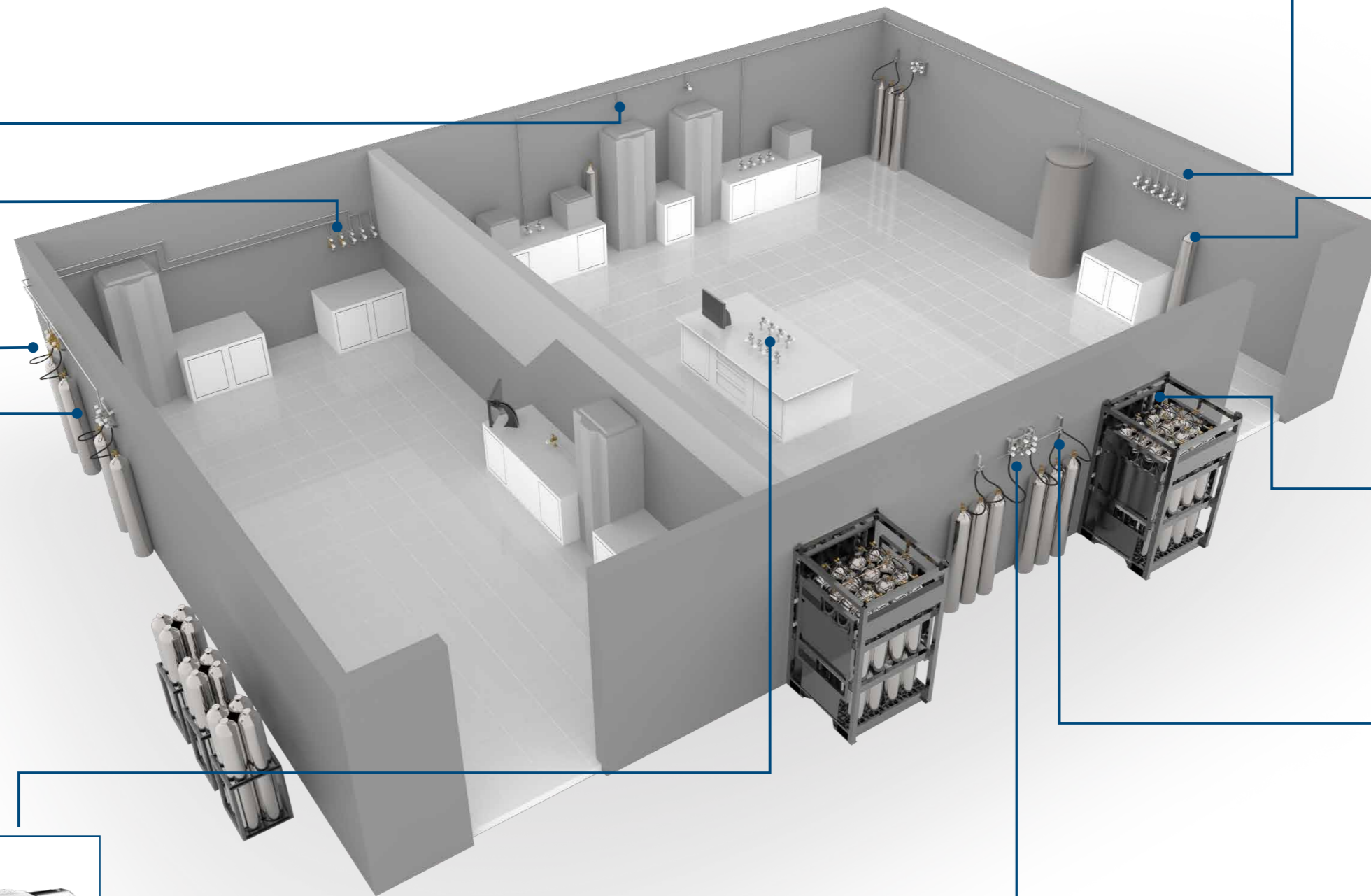
High Pressure Hoses & Tailpipes



Manual Change Gas Control Panel



Bench Mounted Integrated Outlet Points



Valves



Cylinder Mounting Regulators



Cylinder Bundle Pack Manifold



Gas Control Panel Headers



Pressure Differential Autochange Gas Control Panel

With solutions specifically designed for the high purity, laboratory and technical gas regulation segments, GASARC provides a broad portfolio backed by GASARC engineering excellence.

We offer:

- Guaranteed product quality and reliability
- Extensive global product offering
- Assistance with complex gas control systems and installation
- Global sales support
- Superior quality engineering and manufacturing
- Service excellence

The GASARC product platforms are differentiated by purity or type of gas they can support.

Gas Type	Percentage Purity	Purity Grade	Parts Per Billion PPB	Product Platform
Technical Gases	99.99%	4	20.000	<p>Tech Master – GP Series</p> <ul style="list-style-type: none"> • Non-corrosive and non-toxic, technical gases • Manufactured from high-grade brass <p>The Tech Master range of products are designed to support technical grade gas control applications, where safety and accuracy is essential. These applications can be found in the industrial production, engineering, fabrication and offshore segments.</p>
	99.995%	4.5		
High Purity Gas	99.999%	5	10.000	<p>Lab Master – LG Series</p> <ul style="list-style-type: none"> • Non-corrosive and non-toxic, high purity gases • Manufactured from nickel-plated brass <p>The Lab Master range of products are designed to support grade 5.0 purity gas applications, where impurity levels of up to 10,000 ppb are permitted. These applications can be found in automated industrial cutting, education research and food production and packaging.</p>
	99.9999%	6	1.000	<p>Spec Master – HP Series</p> <ul style="list-style-type: none"> • Non-corrosive and non-toxic, high purity gases • Manufactured from nickel plated brass barstock <p>The Spec Master range of products are designed to support grade 6.0 purity gas applications, where impurity levels of up to 1,000 ppb are permitted. These applications can be found in automated sampling, high-tech research and development, and life science segments.</p>
Corrosive & Toxic Gases	99.9999%	6	1.000	<p>Chem Master – SG Series</p> <ul style="list-style-type: none"> • Corrosive, toxic and high purity gases • Manufactured from Stainless Steel <p>The Chem Master range of products are designed to support corrosive, toxic or grade 6.0 purity gas applications, where impurity levels of up to 1,000 ppb are permitted. These applications can be found in automated sampling, environment and clean fuels, and the high-tech production segments.</p>



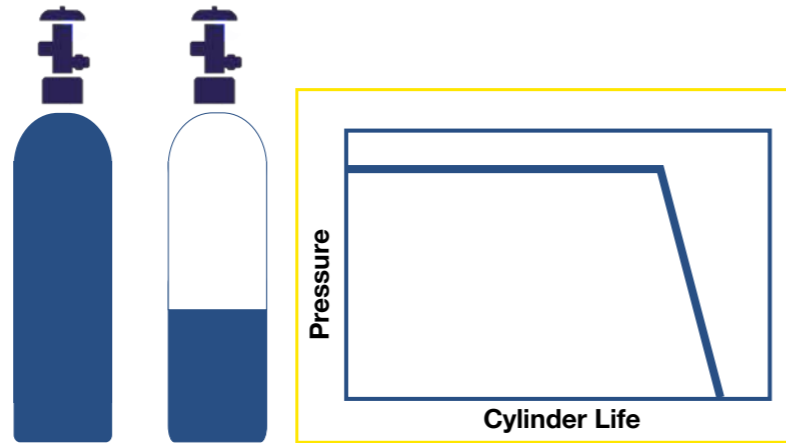
Liquid Vapour versus Compressed Gas

Liquid Vapour

maintains a constant delivery pressure throughout the life of the cylinder.

This will only vary slightly if exposed to extreme changes in ambient temperatures.

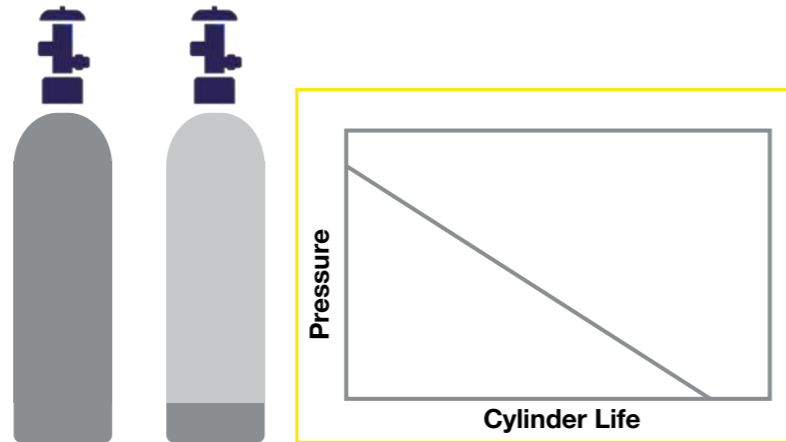
This provides any downstream equipment with a constant inlet pressure.



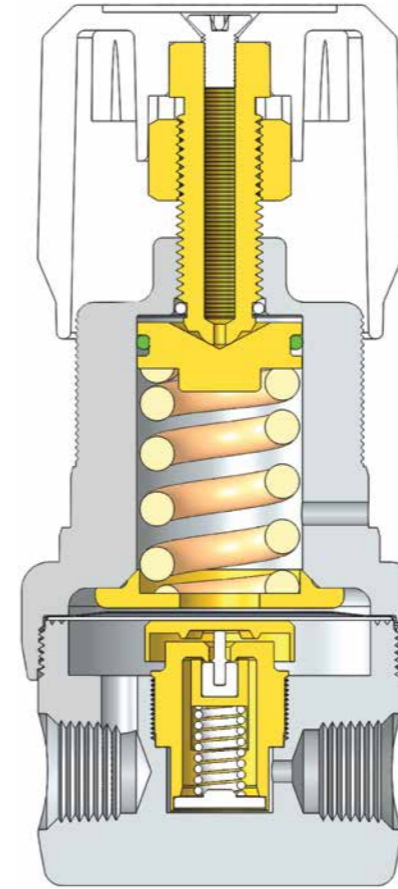
Compressed Gas

constant decrease in pressure throughout the life of the cylinder.

This exposes any downstream equipment to a changing inlet pressure.

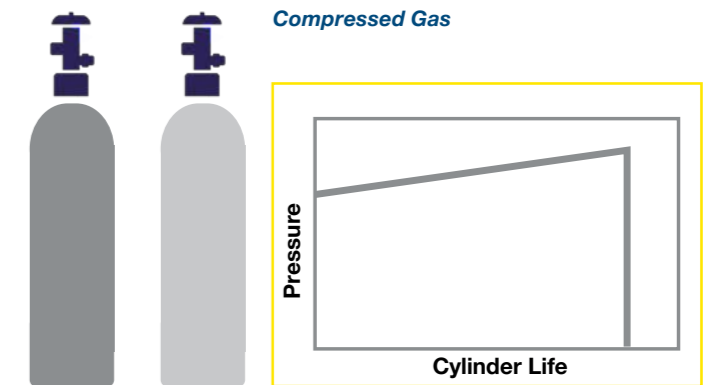
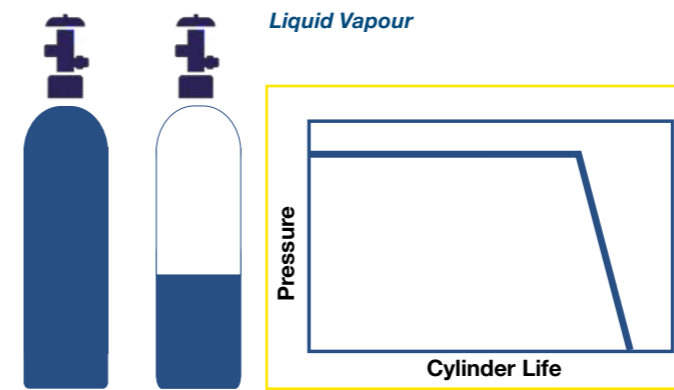


Single Stage Regulation



Typical Application

- Liquid Vapour
- Low pressure gaseous applications
- Pipeline installations
- Single operation manual processes



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Single Stage Regulation for Liquid Vapour

Liquid Vapour offers a constant delivery pressure to the pressure regulator, maintaining the balance with the set process pressure.

This provides the user with a stable delivery to the application throughout the life of the cylinder.

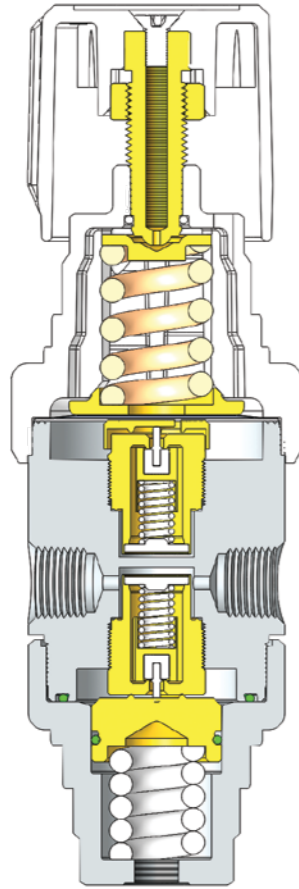
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Single Stage Regulation for Compressed Gas

delivery pressures will progressively decrease to the pressure regulator, losing the balance with the set process pressure.

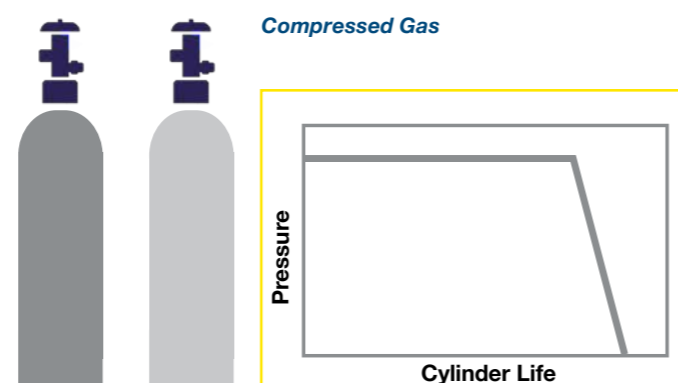
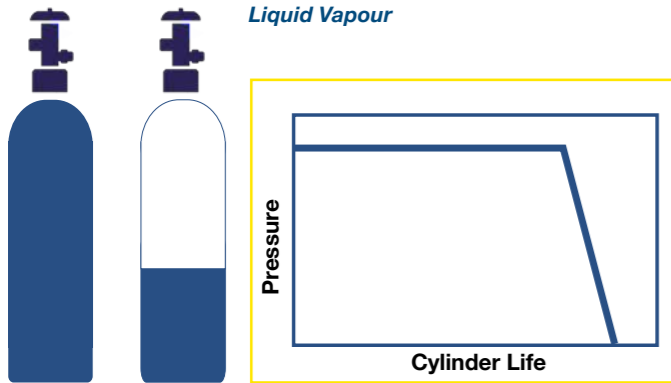
This will cause the outlet pressure of the pressure regulator to rise.

Two Stage Regulation



Typical Application

- High pressure gaseous applications
- On demand delivery systems
- Integrated gas management solutions
- Continuous process sampling



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Two Stage Regulation for Liquid Vapour

offers a constant delivery pressure to the pressure regulator, maintaining the balance with the set process pressure. This provides the user with a stable delivery to the application throughout the life of the cylinder.

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Two Stage Regulation for Compressed Gas

delivery pressures will progressively decrease to the pressure regulator, losing the balance with the set process pressure. However, the two stage pressure regulator reduces the pressure in two stages, providing the user with a stable delivery to the application throughout the life of the cylinder.

Question & Answers to consider when selecting one of our products

Q. What gas and gas purity will you be regulating?

A. This determines what type material your pressure regulator or control panel is made from, along with the correctly selected seat and sealing material.

Q. What is the cylinder filled pressure of gas and process pressure requirement for the application?

A. This will help you determine which inlet pressure and outlet pressure variant best suits your application.

Q. Does your application require a stable delivery pressure throughout the life of the application?

A. This will help you choose either a single or two stage regulator solution.

Q. What type of inlet & outlet connection do you need?

A. GASARC have a vast portfolio of both inlet and outlet fitting available for configuration, if you do not see the one you require listed, please contact our sales office with the necessary information.

Please note - it is the end users responsibility to ensure the product selection is fit for purpose. If in doubt please consult your Gas supplier.

To assist with seal selection, most Gas Suppliers offer an online material compatibility database to support making suitable material selections for an application including appropriate seal selection, however please note this data is constantly updated and is subject to change at any time.

Our Recommendation

CO₂ Carbon Dioxide should only be used with EPDM seals.

O₂ Oxygen & Oxygen mixtures above 21% Oxygen should **NOT** be used with Stainless Steel products above 20 bar.

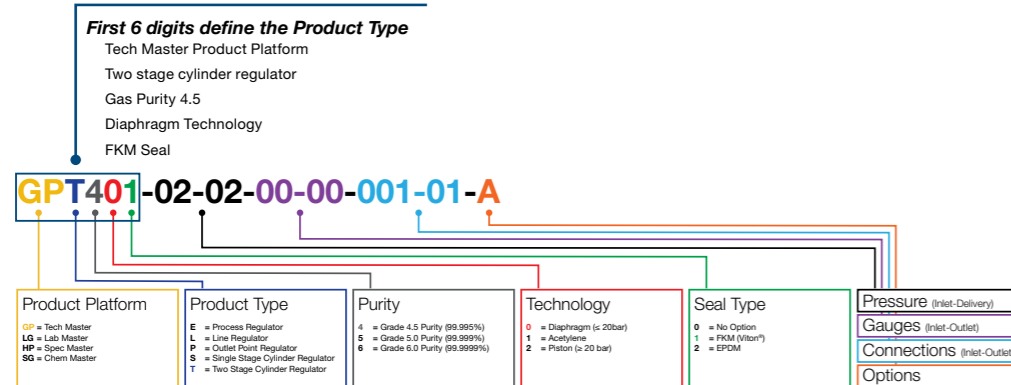
C₂H₂ We offer a range of products designed specifically for Acetylene Gas.

However, end user has ultimate responsibility for selection of product specification, if in doubt please consult your Gas supplier.

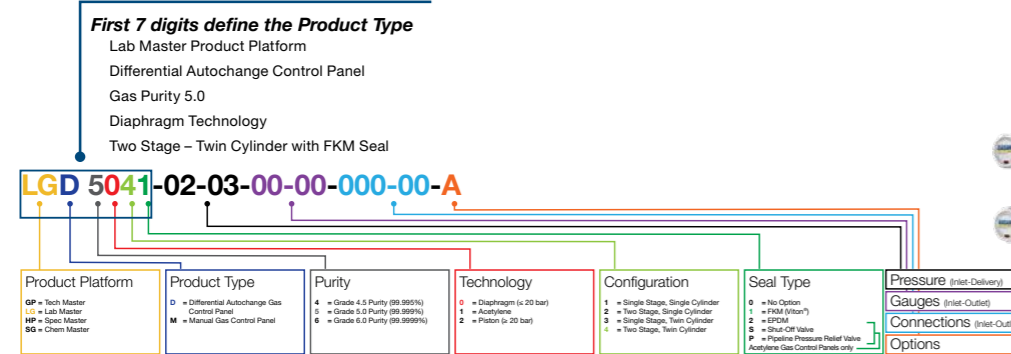
Product Configuration

The NEW GASARC range is designed to offer our customers the ultimate flexibility in product configuration. Combined with our new product supporting documentation and price guide, we have implemented the latest state-of-the-art integrated ERP system product configuration software, enabling us to offer bespoke complex gas control and distribution systems with market leading deliver lead-times.

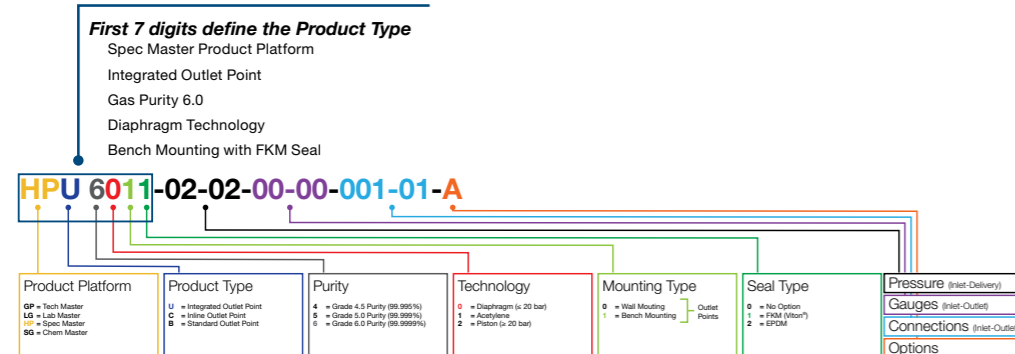
Regulator



Control Panel



Outlet Point



Regulator Product Range

Process Regulators

The GASARC range of 2 port process regulators are designed to be integrated both into low pressure and secondary phase gas distribution applications with limited space availability, offering our customers a superior gas control experience.

The regulators feature in all 4 of our Tech Master, Lab Master, Spec Master and Chem Master platforms, both in diaphragm and piston control designs where applicable.

They are also available with a selection of seating and sealing materials to support a vast variety of gases or gas mixtures.



Technology / Design	Tech Master GP Series	Lab Master LG Series	Spec Master HP Series	Chem Master SG Series
≤ 20 bar (150 PSI) Diaphragm	GPE40	LGE50	HPE60	SGE60
Acetylene Specific Design	GPE41	LGE51		

Line Regulators

The GASARC range of line regulators are designed to be integrated both into low pressure and secondary phase gas distribution applications, offering our customers a superior gas control experience.

The regulators feature in all 4 of our Tech Master, Lab Master, Spec Master and Chem Master platforms, both in diaphragm and piston control designs where applicable.

They are also available with a selection of seating and sealing materials to support a vast variety of gases or gas mixtures.

This product is also available for the control of Acetylene gas in our Tech Master and Lab Master platforms.



Technology / Design	Tech Master GP Series	Lab Master LG Series	Spec Master HP Series	Chem Master SG Series
≤ 20 bar (150 PSI) Diaphragm	GPL40	LGL50	HPL60	SGL60
Acetylene Specific Design	GPL41	LGL51		
≥ 20 bar (300 PSI) Piston	GPL42		HPL62	SGL62

Regulator Product Range

Cylinder Regulators – Single Stage

The GASARC range of single stage cylinder regulators are designed for primary pressure gas control in applications where slight pressure variation from decreasing cylinder pressure is acceptable.

The regulators feature in all 4 of our Tech Master, Lab Master, Spec Master and Chem Master platforms, both in diaphragm and piston control designs where applicable.

They are also available with a selection of seating and sealing materials to support a vast variety of gases or gas mixtures.

This product is also available for the control of Acetylene gas in our Tech Master and Lab Master platforms.



Technology / Design	Tech Master GP Series	Lab Master LG Series	Spec Master HP Series	Chem Master SG Series
≤ 20 bar (150 PSI) Diaphragm	GPS40	LGS50	HPS60	SGS60
Acetylene Specific Design	GPS41	LGS51		
≥ 20 bar (300 PSI) Piston	GPS42		HPS62	SGS62

Cylinder Regulators – Two Stage

The GASARC range of two stage cylinder regulators are designed for primary pressure gas control in applications where constant delivery pressure is required as cylinder pressure decreases.

The regulators feature in all 4 of our Tech Master, Lab Master, Spec Master and Chem Master platforms, both in diaphragm and piston control designs where applicable.

They are also available with a selection of seating and sealing materials to support a vast variety of gases or gas mixtures.

This product is also available for the control of Acetylene gas in our Tech Master and Lab Master platforms.



Technology / Design	Tech Master GP Series	Lab Master LG Series	Spec Master HP Series	Chem Master SG Series
≤ 20 bar (150 PSI) Diaphragm	GPT40	LGT50	HPT60	SGT60
Acetylene Specific Design	GPT41	LGT51		
≥ 20 bar (300 PSI) Piston	GPT42		HPT62	SGT62

Control Panel Product Range

Manual Gas Control Panels – Single Stage

The GASARC range of Single Stage Manual Gas Control Panels are designed for primary control and distribution of process gases in applications where slight pressure variation from decreasing cylinder pressure is acceptable.

The user will benefit via the ability to isolate, purge, control and manage the distribution of gases safely around a large facility or local process.

The control panels feature in all 4 of our Tech Master, Lab Master, Spec Master and Chem Master platforms, available in single or twin cylinder configurations and diaphragm or piston control designs where applicable.

All manual gas control panels are also extendable via a compact modular system, allowing the customer to build in more gas volume by adding multiple gas cylinders to their system. A selection of seating and sealing materials are available to support a vast variety of gases or gas mixtures.



Technology / Design	Cylinder	Tech Master GP Series	Lab Master LG Series	Spec Master HP Series	Chem Master SG Series
≤ 20 bar (150 PSI) Diaphragm	Single	GPM4010	LGM5010	HPM6010	SGM6010
	Twin	GPM4030	LGM5030	HPM6030	SGM6030
≥ 20 bar (300 PSI) Piston	Single	GPM4210		HPM6210	SGM6210
	Twin	GPM4230		HPM6230	SGM6230

Manual Gas Control Panels – Two Stage

The GASARC range of Two Stage Manual Gas Control Panels are designed for primary control and distribution of process gases in applications where constant delivery pressure is required as cylinder pressure decreases.

The user will benefit via the ability to isolate, purge, control and manage the distribution of gases safely around a large facility or local process.

The control panels feature in all 4 of our Tech Master, Lab Master, Spec Master and Chem Master platforms, available in single or twin cylinder configurations and diaphragm or piston control designs where applicable.

All manual gas control panels are also extendable via a compact modular system, allowing the customer to build in more gas volume by adding multiple gas cylinders to their system. A selection of seating and sealing materials are available to support a vast variety of gases or gas mixtures.



Technology / Design	Cylinder	Tech Master GP Series	Lab Master LG Series	Spec Master HP Series	Chem Master SG Series
≤ 20 bar (150 PSI) Diaphragm	Single	GPM4020	LGM5020	HPM6020	SGM6020
	Twin	GPM4040	LGM5040	HPM6040	SGM6040
≥ 20 bar (300 PSI) Piston	Single	GPM4220		HPM6220	SGM6220
	Twin	GPM4240		HPM6240	SGM6240

Control Panel Product Range

Pressure Differential Autochange Gas Control Panels – Single Stage

The GASARC range of single stage autochange gas control panels are designed for primary control and distribution of process gases in applications where slight pressure variation from decreasing cylinder pressure and cylinder changeover is acceptable.

The user of the control panels will benefit via the ability to isolate, purge, control and manage the distribution of gases safely around a large facility or local process, without exposing the application to downtime, as the autochange function will provide a seamless changeover between cylinders or cylinder banks at a predetermined low pressure set point.

The control panels feature in all 4 of our Tech Master, Lab Master, Spec Master and Chem Master platforms, both in diaphragm and piston control designs where applicable.

All autochange gas control panels are extendable via a compact modular system, allowing the customer to build in more gas volume by adding multiple gas cylinders to their system.

A selection of seating and sealing materials are available to support a vast variety of gases or gas mixtures.



Technology / Design	Tech Master GP Series	Lab Master LG Series	Spec Master HP Series	Chem Master SG Series
≤ 20 bar (150 PSI) Diaphragm	GPD4030	LGD5030	HPD6030	SGD6030
≥ 20 bar (300 PSI) Piston	GPD4230		HPD6230	SGD6230

Pressure Differential Autochange Gas Control Panels – Two Stage

The GASARC range of two stage autochange gas control panels are designed for primary control and distribution of process gases in applications where constant delivery pressure is required throughout the life of the application.

The user of the control panels will benefit via the ability to isolate, purge, control and manage the distribution of gases safely around a large facility or local process, without exposing the application to downtime, as the autochange function will provide a seamless changeover between cylinders or cylinder banks at a predetermined low pressure set point.

The control panels feature in all 4 of our Tech Master, Lab Master, Spec Master and Chem Master platforms, both in diaphragm and piston control designs where applicable.

All autochange gas control panels are extendable via a compact modular system, allowing the customer to build in more gas volume by adding multiple gas cylinders to their system.

A selection of seating and sealing materials are available to support a vast variety of gases or gas mixtures.



Technology / Design	Tech Master GP Series	Lab Master LG Series	Spec Master HP Series	Chem Master SG Series
≤ 20 bar (150 PSI) Diaphragm	GPD4040	LGD5040	HPD6040	SGD6040
Acetylene Specific Design	GPD4140	LGD5140		
≥ 20 bar (300 PSI) Piston	GPD4240		HPD6240	SGD6240

Control Panels for Acetylene

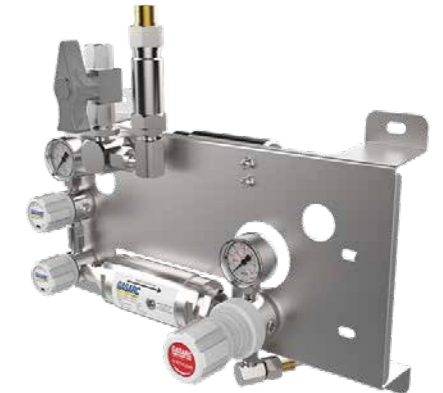
Manual Gas Control Panels – Acetylene

The GASARC range of Acetylene Manual Gas Control Panels are designed for primary control and distribution of Acetylene gas.

The user will benefit via the ability to isolate, purge, control and manage the distribution of Acetylene gas safely around a large facility or local process.

The control panels feature in our Tech Master and Lab Master platforms and are available in single or twin cylinder configurations, that can be extended via a compact modular system, allowing the customer to build in more gas volume by adding multiple gas cylinders to their system.

Acetylene panels feature the latest automatic quick-action shut-off valves technology as standard, designed to arrest potential Acetylene decomposition. Downstream safety options are also available by a selection of pressure activated shut-off valves and pressure relief valves.



Technology / Design	Cylinder	Tech Master GP Series	Lab Master LG Series
Acetylene Specific Design	Single	GPM4110	LGM5110
	Twin	GPM4130	LGM5130

Pressure Differential Autochange Gas Control Panels – Acetylene

The GASARC range of Acetylene Autochange Gas Control Panels are designed for primary control and distribution of Acetylene gas.

The user will benefit via the ability to isolate, purge, control and manage the distribution of Acetylene gas safely around a large facility or local process.

The control panels feature in our Tech Master and Lab Master platforms and are available in single or twin cylinder configurations, that can be extended via a compact modular system, allowing the customer to build in more gas volume by adding multiple gas cylinders to their system.

Acetylene panels feature the latest automatic quick-action shut-off valves technology as standard, designed to arrest potential Acetylene decomposition. Downstream safety options are also available by a selection of pressure activated shut-off valves and pressure relief valves.



Technology / Design	Cylinder	Tech Master GP Series	Lab Master LG Series
Acetylene Specific Design	Twin	GPD4140	LGD5140

Accessories designed for GASARC Control Panel

Header Rail Assemblies

The GASARC range of header rail assemblies are a compact modular and flexible solution designed to enable the user to build in more gas volume by adding multiple gas cylinders to their system.

The header rail assemblies feature in all 4 of our Tech Master, Lab Master, Spec Master and Chem Master platforms and have the ability to add up to 2 additional cylinders on 1 module.

A selection sealing materials are available to support a vast variety of gases or gas mixtures.



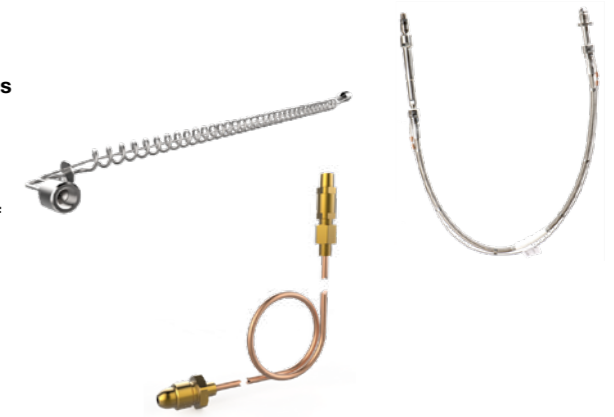
Technology / Design	Tech Master GP Series	Lab Master LG Series	Spec Master HP Series	Chem Master SG Series
Left Hand	GPH410	LGH510	HPH610	SGH610
Right Hand	GPH420	LGH520	HPH620	SGH620

High Pressure Flexible Hoses & Tailpipes

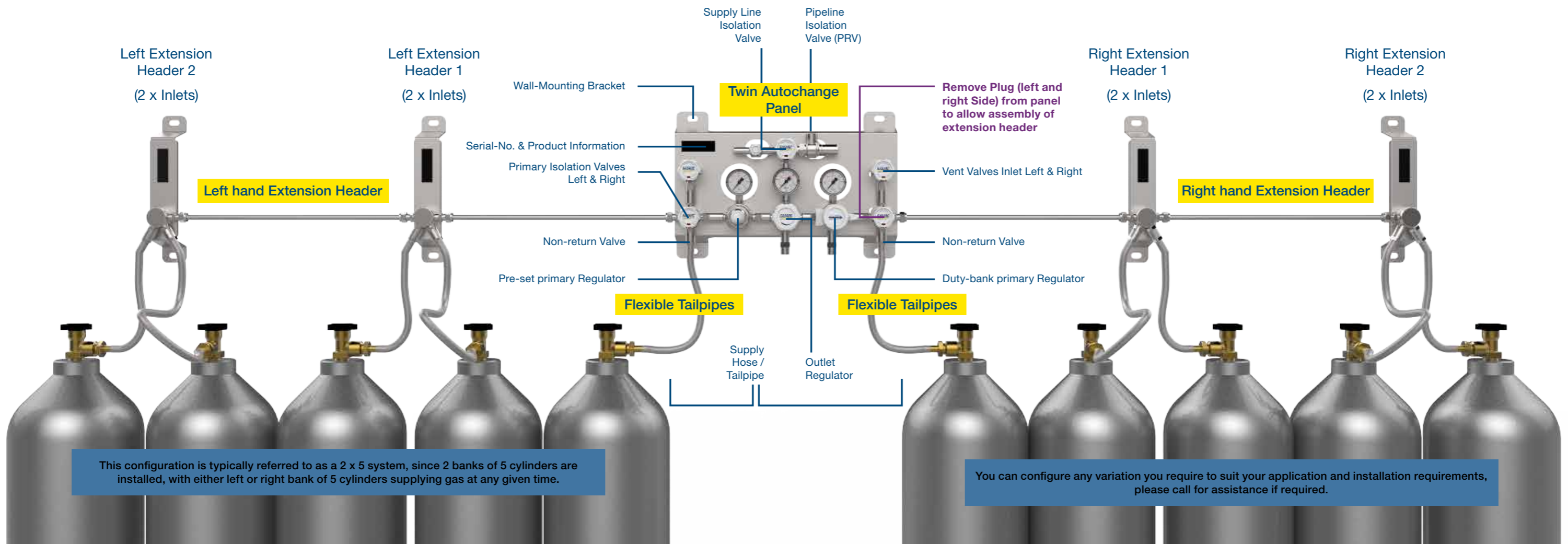
The GASARC range of high pressure flexible Hoses and tailpipes are designed to enable the user to transfer gas from the cylinders or vessels to the gas control panel.

The high pressure flexible hoses and tailpipes feature in all 4 of our Tech Master, Lab Master, Spec Master and Chem Master platforms and come in a selection of materials and lengths to support a vast variety of gases or gas mixtures.

All high pressure flexible Hoses and tailpipes can be configured with a selection of cylinder connections and non-return valves to complete a system.



Technology / Design	Tech Master GP Series	Lab Master LG Series	Spec Master HP Series	Chem Master SG Series
Elastomer	GPF400			
Acetylene Specific Design	GPF410	LGF510		
Oxygen Specific Design	GPF420	LGF520	HPF620	
Cupro/Nickel Tailpipe	GPF430			
PTFE Lined		LGF540	HPF640	
Stainless Steel Spiral		LGF550	HPF650	SGF650
Stainless Steel Convoluted		LGF560	HPF660	SGF660



This configuration is typically referred to as a 2 x 5 system, since 2 banks of 5 cylinders are installed, with either left or right bank of 5 cylinders supplying gas at any given time.

You can configure any variation you require to suit your application and installation requirements, please call for assistance if required.

Outlet Point Product Range

Outlet Points Assembly

The GASARC range of outlet points and outlet point regulators are a compact, flexible solution designed to be integrated into a gas distribution system, offering the user secondary local gas control.

The user of the fully assembled outlet points will benefit via the ability to isolate, control and manage the distribution of gases safely around a local process, either mounted on a wall structure or within a table top surface.

The outlet points and outlet point regulators feature in our Tech Master and Lab Master platforms and are available in diaphragm control designs, including Acetylene service.

This range of products comes fitted with a non-return valve and also has the option of adding a flashback arrestor to maximize safety when using flammable gas and gas mixtures.



Product Type	Tech Master GP Series	Lab Master LG Series	Spec Master HP Series	Chem Master SG Series
Outlet Point	GPB400	LGB500		
Outlet Point Regulator (the regulator needs to be ordered separately)	GPP400	LGP500		

Integrated Outlet Points

The GASARC range of integrated outlet points are a compact, flexible solution designed to be integrated into a gas distribution system, offering the user secondary local gas control.

The user of the fully assembled outlet points will benefit via the ability to isolate, control and manage the distribution of gases safely around a local process, either mounted on a wall structure or within a table top surface.

The outlet points feature in our Lab Master, Spec Master and Chem Master platforms and are available in diaphragm control designs.

This range of products also have the option of adding flashback arrestors to maximize safety when using flammable gas and gas mixtures.



Product Type	Tech Master GP Series	Lab Master LG Series	Spec Master HP Series	Chem Master SG Series
Wall Mount			HPU6000	SGU6000
Bench Mount			HPU6010	SGU6010

In-Line Outlet Points

The GASARC range of in-line outlet points are a compact, flexible solution designed to be integrated into a gas distribution system, offering the user secondary local gas control.

The user of the fully assembled outlet points will benefit via the ability to isolate, control and manage the distribution of gases safely around a local process, mounted on a wall type structure.

The outlet points feature in our Spec Master and Chem Master platforms and are available in both diaphragm and piston control designs where applicable.

This range of products comes fitted with a non-return valve and also has the option of adding a flashback arrestor to maximize safety when using flammable gas and gas mixtures.



Product Type	Tech Master GP Series	Lab Master LG Series	Spec Master HP Series	Chem Master SG Series
Single Stage Regulation			HPC6000	SGC6000
Two Stage Regulation			HPC6200	SGC6200

Accessories

To support our core products, systems and solutions, GASARC have a vast range of accessories and services that further enhance the experience of our customers and end users. We have equipment and devices that feature in all 4 of our Tech Master, Lab Master, Spec Master and Chem Master platforms, that support elements of gas purging, communications and equipment mounting.

- Cylinder Support Racks
- Floor Mounting Kits
- Contact Alarm Gauges
- Alarm Panels
- Intrinsically Safe Barriers
- Pressure Relief Valves
- Flashback Arrestors
- Non-Return Valves
- Pressure Activated Shut-Off Valves
- Manual Shut-Off Valves
- Cylinder Connections
- Cylinder Adaptors
- Compression Fittings
- Purge Valves & Assemblies
- Panel Mounting Brackets



We offer

- End-user driven innovations
- Aesthetic, compact, ergonomic designs
- Machine Barstock body with reduced wetted surface area
- Products designed for quick configuration to meet the needs of the customer
- Panel mount capabilities incorporated into all models.
- Variable porting arrangements for bespoke configuration

We follow Global Requirements

- ISO 2503
- ISO 7291
- ISO 14114
- ISO 14113
- ISO 10961

We invested in an improved gauge design

- Snap-on tamper proof lens
- bar/PSIG unit measurement

We are committed to a superior quality manufacturing

- ISO class 7.0 cleanroom
- ISO class 8.0 assembly facility
- Automated assembly and testing
- Precision optical (non-contact) inspection

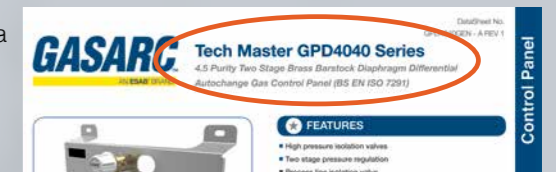
We have a comprehensive product offering

- Chem Master product range is designed for use with corrosive, toxic and high purity gases up to grade 6.0 purity (99.9999%)
- Spec Master product range is designed for use with non-corrosive, non-toxic, high purity gases up to grade 6.0 purity (99.9999%)
- Lab Master product range is designed for use with non-corrosive, non-toxic, high purity gases up to grade 5.0 purity (99.999%)
- Tech Master product range is designed for use with non-corrosive, non-toxic, technical gases up to grade 4.5 purity (99.995%)

The NEW GASARC range is designed to offer our customers the ultimate flexibility in product configuration. Combined with our new product supporting documentation and price guide, we have implemented the latest state-of-the-art integrated ERP system product configuration software, enabling us to offer bespoke complex gas control and distribution systems with market leading deliver lead-times.

Step 1. Select base product

Select the base product using our product supporting documentation (data sheet, website or brochure), ensuring it is suitable for both the gas and the application.



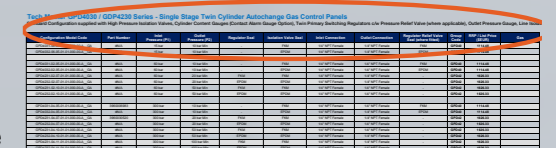
Step 2. Select configurable options

Select your configurable options using the table provided, detailing the desired inlet pressure, outlet pressure, pressure gauge option, inlet connection, outlet connection and any additional supporting accessory or certification.



Step 3. Build the RRP / list price

Using the 'Price Guide', build the 'Recommended Retail' (RRP) or List Price of your configuration by adding the pricing together for each selected option.



Alternatively contact our customer service team who will help guide you to the configuration you need.

Step 4. Place purchase order with us - we will check and confirm your configuration is viable before processing your order.

The model code is processed using our new state-of-the-art production software and processes to create a unique part number and Bill of Materials.

We will communicate and work with you for any re-configuration requirements unable to be configured through our system, with so many configurable options, we will find a product to meet your needs.

Step 5. Manufacture & delivery of your exact specification product

This fully configured model code is used directly on our shop floor within our flexible manufacturing facility to assemble, test the product that meets your exact specification.

GASARCTM

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