



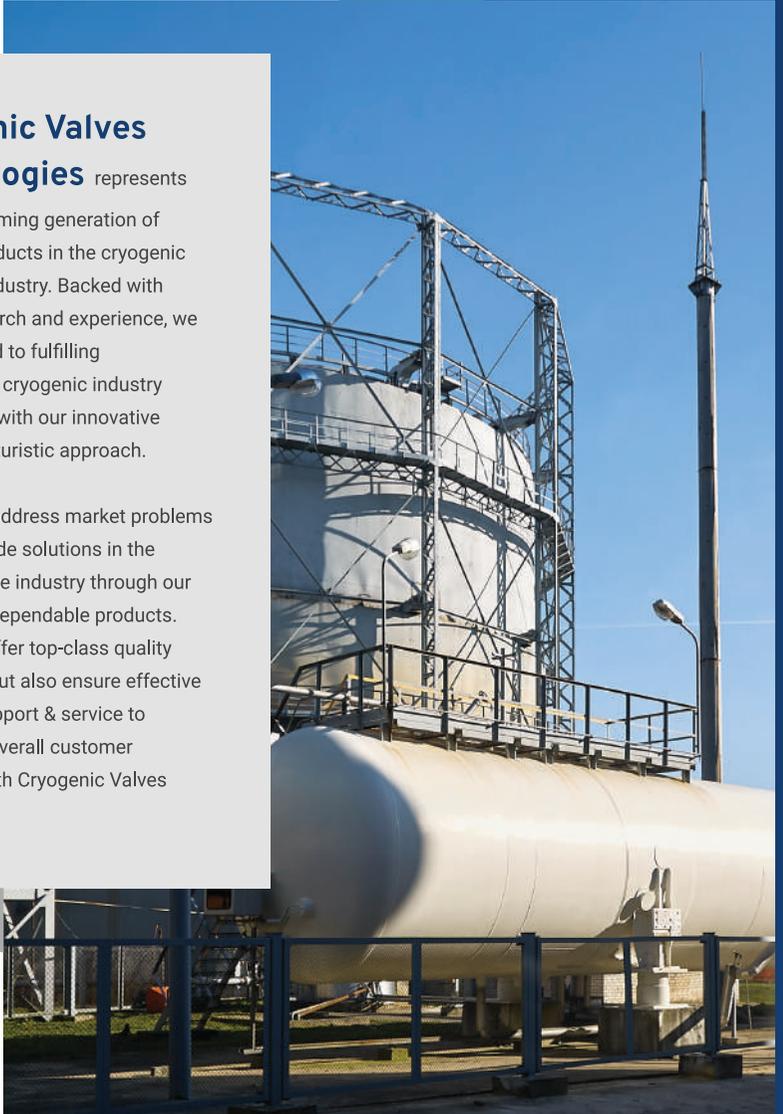
**Cryogenic Valve
Technologies**



Cryogenic Valves Technologies

represents the up-and-coming generation of cryogenic products in the cryogenic fluid or gas industry. Backed with years of research and experience, we are committed to fulfilling contemporary cryogenic industry requirements with our innovative design and futuristic approach.

We intend to address market problems with tailor-made solutions in the cryogenic valve industry through our efficient and dependable products. We not only offer top-class quality during sales but also ensure effective post-sales support & service to enhance the overall customer experience with Cryogenic Valves Technologies.



Our Journey

Incorporated in 2017, Cryogenic Valves Technologies was envisioned as an end-to-end service from design, manufacturing and supply to distribution and after-sales support with a simple and clear objective of offering a world-class alternative globally. Today, the company is capable of filling the market space for high-quality and reliable cryogenic valves globally with a range of valves in its portfolio.

The team derives its strength and potential from over 50 years of work experience and research in the cryogenic industry. Our offerings are a testimony to our commitment towards designing and delivering robust cryogenic products suiting varied requirements.

This wide range of products is designed to suit requirements and cater to cryogenic industries for both the industrial gas and LNG sectors in these verticals:



Cryogenic Process



Cryogenic Transport



Cryogenic Storage

The products are accredited with a standard marking to the pressure equipment directives.

What Sets Us Apart

We believe in face value and deliver what we advertise and assure, whether it is the product or post-sales service and assistance.

Production at Cryogenic Valves Technologies is a combination of **innovative design** using **modern materials and state-of-the-art manufacturing processes** to suit diverse industry needs in the cryogenic process, transport and storage verticals.

Top-notch quality and durability go hand-in-hand with our products to offer a reliable and sustainable choice for customers in the cryogenic valve market.

We adopt a futuristic approach across all stages of production and delivery to counter the challenges in this market with our **cost-effective, safe and long-lasting products**. With our products, operations are **smoother, faster and smarter**.

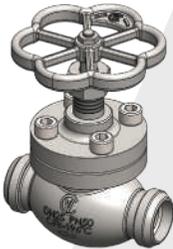
Our Products

01.



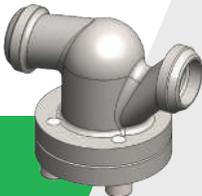
- **Globe Valve- Extended (CVMG Series)** is made using stainless steel or bronze; available size ranges between **DN06 to DN200**. It is able to handle pressure at PN50 and capable of handling temperatures between **-196°C to +120°C**.
- Designed in the form of **Soft Seat to Metal (Industrial Gas) & Metal to Metal (Fire-Safe Design)** to give you the best model suitable for your application and **cleaned and degreased** for oxygen service.
- Types of connections available for this valve are BW, Socket Weld, Flanged, Threaded and Stub End.

02.



- **Globe Valve-Non Extended (CVMG Series)** is made using stainless steel or bronze; available size ranges between **DN06 to DN200**. It is able to handle pressure at PN50 and capable of handling temperatures between **-60°C to +120°C**.
- Designed in the form of **Soft Seat to Metal (Industrial Gas Series)** to give you the best suitability for your application and **cleaned and degreased** for oxygen service.
- Types of connections available for this valve are BW, Socket Weld, Flanged, Threaded and Stub End.

03.



- **The Cryogenic Valve Strainer (CVMN Series)** is made up of stainless steel, available in nominal diameters (DN) ranging between **DN06 to DN100**. It is able to handle pressure at **PN50** and temperatures between **-196°C to +120°C**.
- This valve is **cleaned and degreased** for oxygen service applications and equipped with 100 Mesh stainless steel filter elements as standard.
- Connectors supported are: BW, Socket Weld, Flanged, Threaded, Stub End.

04.



- **Cryogenic Valve Lift Check (CVML Series)** is made up of stainless steel or bronze, available in nominal diameters (DN) ranging between **DN06 to DN100**. It is able to handle pressure at **PN50** and temperatures between **-196°C to +120°C**. This valve is **cleaned and degreased** for oxygen service applications.
- Connectors supported are: BW, Socket Weld, Flanged, Threaded, Stub End.

05.



- **Cryogenic Combination Pressure Regulator & Economiser Valve (CVCR Series)** is made using Brass and Stainless Steel, available in nominal diameters (**DN**) **DN15**. It can handle pressure upto **PN50** and temperatures between **-196°C to +120°C**
- Valve is available with **two port (Pressure Build Up function) & Three Port (Pressure Build Up + Economiser function)** Ideal for small storage & transport tanks
- DN15 1.0 -40 bar. The valve is **cleaned and degreased** for oxygen service applications.
- Types of connectors available for these valves are NPT F Threaded Ends

06.



- **Angle Globe Valve- Extended (CVMG Series)** is made using stainless steel, available in nominal diameters (DN) range between **DN15 to DN50**. It is able to handle pressure at **PN50** and temperatures between **-196°C to +120°C**.
- Designed in the form of **Soft Seat to Metal (Industrial Gas)** to give you the best suitability for your application and **cleaned and degreased** for oxygen service.
- Types of connectors available for this valve are: BW and Socket Weld.

07.



- **Tyre Actuated Globe Valve- Extended (CVAT Series)** is made using stainless steel, available in nominal diameters (DN) ranging between **DN15 to DN80**. It is able to handle pressure upto **PN50** depending upon size and temperatures between **-196°C to +120°C**.
- Designed in the form of **Metal to Metal cone seat design** for tight shutoff. Except for the tyre actuator, the remaining body is **cleaned and degreased** for oxygen service applications.
- Types of connections available for this valve are: BW and Socket Weld.

08.



- **Tyre Actuated Globe Valve with Manual Override- Extended (CVAT Series)** is made using stainless steel, available in nominal diameters (DN) ranging between **DN15 to DN80**. It is able to handle pressure upto **PN50** depending upon size and temperatures between **-196°C to +120°C**.
- Designed in the form of **Metal to Metal cone seat design** for tight shut-off. Except for the tyre actuator, the remaining body is **cleaned and degreased** for oxygen service applications.
- This valve is also equipped with a **manual override**. Types of connectors available for this valve are: BW and Socket Weld

09.



- **Diaphragm Type Globe Valve- Extended (CVAD Series)** is made using stainless steel, available in nominal diameters (DN) range between **DN15 to DN100**. It is able to handle pressure upto **PN50** depending upon size and temperatures between **-196°C to +120°C**
- The valve is designed in the form of **Metal to Metal cone seat design** for tight shutoff. It is **cleaned and degreased** for oxygen service applications.
- Types of connectors available for this valve are BW and Socket Weld, Flanged, Threaded, and Stub end. Additional available accessories and functions are EP Positioner, SOV, LS, Air Regulator, Spring to Open and a Manual Override.

10.



- **Cryogenic Diverter Valve (CVDV Series)** is made using stainless steel, available in nominal diameters (DN) range between **DN25 to DN40**. It is able to handle pressure upto **PN50** and temperatures between **-196°C to +120°C**
- The valve is **cleaned and degreased** for oxygen service applications. This is a 4 ports diverter valve with an inlet size of 25mm and 40mm with 2 ports for SRVs, 2 ports for bursting discs and 2 ports plugged.
- Types of connectors available for this valve are: BW and Threaded.

11.



- **Cryogenic Fill Valve Extended Stem (CVFV Series)** is made using stainless steel, available in nominal diameters (DN) **DN40**. It is able to handle pressure upto **PN50** and temperatures between **-196°C to +120°C**
- Designed in the form of **Soft Seat to Metal (Industrial Gas)** to give you the best suitability for your application and **cleaned and degreased** for oxygen service.
- Types of connector available for this valve is a Mueller Flange type inlet connection.

12.



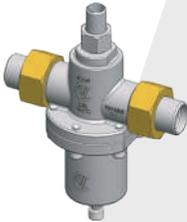
- **Cryogenic Fill Valve Extended Stem with Check Valve-Strainer & Drain Valve (CVFV Series)** is made using stainless steel, available in nominal diameters (DN) **DN40**. It is able to handle pressure upto **PN50** and temperatures between **-196°C to +120°C**
- Designed in the form of **Soft Seat to Metal (Industrial Gas)** to give you the best suitability for your application and **cleaned and degreased** for oxygen service.
- Types of connector available for this valve is a Mueller Flange type inlet connection.

13.



- **Cryogenic Pressure Build Up Regulator (CVPB Series)** is made using stainless steel, available in nominal diameters (DN) **DN20, DN25, DN40 & DN50**. It can handle pressure upto **PN50** and temperatures between **-196°C to +120°C**
- DN25 & DN40 have a bar range of 2-30 bar and DN50 has a range of 1.5-10.5 bar. The valve is **cleaned and degreased** for oxygen service applications.
- Types of connectors available for these valves are Imperial & Metric Male Threaded Ends, BW and Bull Nose (On Request)

14.



- **Cryogenic Combination Pressure Regulator & Economiser (CVCR Series)** is made using stainless steel, available in nominal diameter (DN) **DN20**. It can handle pressure upto **PN50** and temperatures between **-196°C to +120°C**
- The valve is available in the bar range of 1-10 bar and 10-25 bar. Also, a 1.5 to 40 bar range is available on request. The valve is **cleaned and degreased** for oxygen service applications.
- Types of connectors available for this valve are Imperial & Metric Male Threaded Ends, BW and Bull Nose (Available On Request)

15.



- **Cryogenic Back Pressure Relief Valve Regulator (CVBP Series)** is made using stainless steel, available in size **DN25**. It can handle pressure upto **PN50** and temperatures between **-196°C to +120°C**
- This valve is available between the bar range of 1-10 Bars. The valve is **cleaned and degreased** for oxygen service applications.
- Connectors supported are NPT and Bull Nose (on request).

16.



- **GATE VALVES - (CVGV series)** is made using stainless steel, available in nominal diameters (DN) **DN25 to DN100**. It is able to handle pressure upto **PN50** and temperatures between **-196°C to +120°C**
- The valve is designed in the form of **Uni Direction Wedge & Disc/seal design** for tight shut-off. The valve is **cleaned and degreased** for oxygen service applications.
- Types of connector available for these valves are BW, Socket Weld.

17.



- **TYRE ACTUATED GATE VALVES - (CVTG series)** is made using stainless steel, available in nominal diameters (DN) **DN25 to DN100**. It is able to handle pressure upto **PN50** and temperatures between **-196°C to +120°C**
- The valve is designed in the form of **Uni Direction Wedge & Disc/seal design** for tight shut-off. The valve is **cleaned and degreased** (except tyre actuator) for oxygen service applications.
- Types of connector available for these valves are BW, Socket Weld.

18.



- **CRYOGENIC VALVE SWING CHECK (CVSC series)** is made using stainless steel/Bronze, available in nominal diameters (DN) **DN25 to DN100**. It is able to handle pressure upto **PN50** and temperatures between **-196°C to +120°C**
- The valve is **cleaned and degreased** for oxygen service applications.
- Types of connector available for these valves are BW, Socket Weld.



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