

HiQ® REDLINE. Tailor-made quality.

Linde Gas: expertise for any gas application in any market

Gas is as versatile as it is complicated. And its applications are numerous. Specialty gases can be found in chemical and medical laboratories, metrological institutes, environmental services, the semi-conductor industry and pharmaceutical processes. For calibration purposes in the case of Wobbe Index measurements, emission measurements, instrumental analyses. And a host of other applications. For all of which it is crucial that the gas should retain its purity. A good reason to choose for tailor-made quality: HiQ® REDLINE!

HiQ® REDLINE

HiQ® REDLINE is a complete equipment program for specialty and (very) high purity gases. It comprises more than 50 separate components, manufactured from different high-quality materials, depending on the specialty gases used and the purity requirements.

HiQ® REDLINE makes it possible to construct a variety of gas distribution systems: from single or dual stage pressure regulators for single cylinders to manual or (semi-) automatic central gas systems and points of use in a distribution system. Hoek Loos can take care of the design and planning, the installation and – if required – the maintenance of your HiQ® REDLINE system.

Quality

The purity of specialty gases is often at the ppm level or even lower. This purity must not only be guaranteed in the cylinder, but also at the point where you use it. This imposes strict requirements on the equipment, components and connections to be used. The entire system must be sealed off so tightly that no ambient air can diffuse into it. At the same time, it must also be suitable for all types of gases, including corrosive and flammable ones. Furthermore, it must function perfectly at high, low and variable pressures.

HiQ® REDLINE offers you this high quality. All HiQ® REDLINE materials are checked twice for leak-tightness using helium during the assembly process. This gives you maximum certainty of diffusion-tightness and thus retention of gas integrity.

Expertise

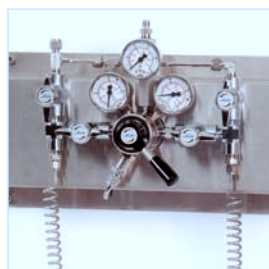
The HiQ® REDLINE program was developed within the Linde Group, of which Hoek Loos forms part, and is currently being used worldwide for gas applications where purity and quality are critical. Assembly and tightness checking are done by Hoek Loos specialists. Hoek Loos expertise and craftsmanship guarantee maximum reliability and durability.

Flexibility

HiQ® REDLINE offers you maximum flexibility because of its modular structure. Individual components can be readily combined to meet your specific requirements and the constraints of the situation. In terms of structure and size, HiQ® REDLINE is ideally suitable for use in new applications. We hold a large assortment of HiQ® REDLINE components in stock, guaranteeing a fast and efficient service.

Convenience

Besides quality, HiQ® REDLINE also means smooth and reliable functioning. The gas pressure can be accurately adjusted by turning the rotary knob on the pressure regulator. Handles and valves come with large wings, which allows smooth opening and closing. A smooth finish allows thorough cleaning of the different components. Finally, all components are clearly marked with symbols, which makes them simple to operate.



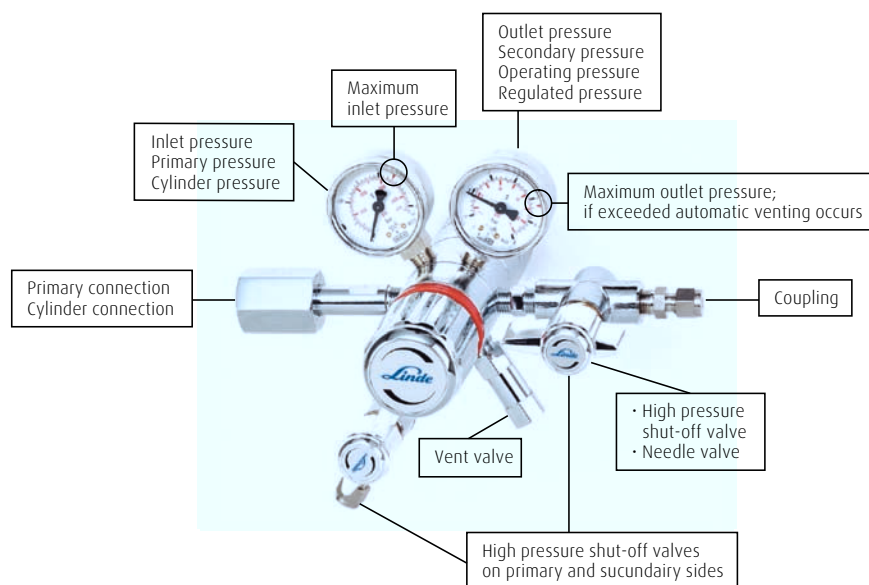
When using specialty gases, quality and purity are critical.

This makes HiQ® REDLINE a logical choice: a complete equipment program for (very) high purity gases and gas mixtures that offers you maximum certainty of gas quality retention. Interested? In that case we would be glad to advise you on the best combination of HiQ® REDLINE equipment for your situation to ensure an uninterrupted and pure supply of gas.

The most commonly used separate components are described below.

Description	Type of device	Maximum Inlet pressure	Version	Maximum outlet pressure
C200/1,brass-3	Regulator	200	single stage, adjustable	3
C200/1,brass-6	Regulator	200	single stage, adjustable	6
C200/1,brass-14	Regulator	200	single stage, adjustable	14
C200/1,brass-50	Regulator	200	single stage, adjustable	50
C200/1,brass-200	Regulator	200	single stage, adjustable	200
C200/2,brass-3	Regulator	200	dual stage, adjustable	3
C200/2,brass-6	Regulator	200	dual stage, adjustable	6
C200/2,brass-10.5	Regulator	200	dual stage, adjustable	10.5
C200/F,brass-3	Regulator	200	single stage, fixed	3
C200/F,brass-10.5	Regulator	200	single stage, fixed	10.5
C12hv/1,brass-3	Regulator	12	single stage, adjustable	3
V 50/BE,brass	Needle valve	50	back entry	
V 50/SE,brass	Needle valve	50	side entry	
V 200,brass	Shut off valve	200	high pressure	

The above C-types can be expanded with a high-pressure regulator, with a needle valve or with a purge unit. Hoek Loos also supplies the above in stainless steel for use with corrosive and toxic gases.



HiQ® REDLINE is a registered trademark of the Linde Group.