

SAFETY and QUALITY for LPG Systems on BOATS

# **QUALITY** Made in GERMANY





Safety device



Certified



Replacement period



Manufactured in Germany

### Harsh conditions on boats

Corrosion due to salty air, low temperatures, very high temperatures, huge variations in temperature, and strong movements due to heavy swell – on boats, the fittings of the LPG system are exposed to particularly harsh conditions, which means that special requirements must be met.

The fittings must, for example:

- be made from rust-proof materials
- undergo various tests
- · be certified in accordance with the applicable standards

# A focus on the pressure regulator

A simple rule of thumb applies to LPG systems: No pressure regulator, no energy supply! It is the key component, which is why quality and the protection of the safety-relevant product are the top priority.

## What makes the pressure regulators from GOK so safe?

Each regulator has either a PRV pressure relief valve or a twostage S2SR safety device. Whether a PRV or an S2SR – both provide protection against dangerous overpressure between the pressure regulator and consumer equipment, such as a gas cooker or a heater.

To ensure the maximum level of safety, we check each individual pressure regulator thoroughly before it leaves our factory.

Pressure regulators for use in the marine sector have a special finish which protects them against corrosion. GOK tests the corrosion resistance of the pressure regulators with a special salt water spray test. The test is only considered to have been successfully passed if the maximum permitted level of corrosion has not been exceeded.

Strict, but justified requirements, so that the pressure regulators last for at least six years, including under the most intense forms of use. Upon the expiry of this period, they must then be replaced anyway.

Annexes D and M to EN 16129 also contain additional requirements concerning safety and test methods. The pressure regulators from GOK also meet these requirements.

# **COMPONENTS** for LPG Systems on BOATS



## Marine regulators

Pressure regulators from GOK for water crafts are available in numerous configurations:

- in a variety of capacity stages
- with 30 or 50 mbar outlet pressure
- in an elbow or U-design or with
- a straight outlet
- for various gas cylinders In our wide, yet structured range, you are certain to find the right pressure regulator for your requirements.



## Gas cylinder valve type CGV

Are you taking a butane or propane gas cylinder with a GAZ connection and a filling weight of up to five kilograms on board? GOK has the suitable gas cylinder valves for both media as well as the differing connections. The gas cylinder valve always consists of a shutoff valve and an integrated safety valve.



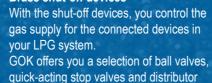
# Leak tester type 4071

Simple – rapid – clear. These are the three main attributes of any check for leaks using the leak tester type 4071. At the touch of a button, you can determine whether the system is tight or action is required.



# Brass shut-off devices

your LPG system.



valves with differing connections.



# Medium pressure hose assemblies

Flexible yet durable, as well as exceptionally hardwearing. With their brass connections, the GOK hose assemblies are highly corrosion resistant. Thanks to a tag, you always know when it is time for you to replace the hose assemblies.



# Brass compression fittings

If you have installed or you would like to install copper piping on your boat, you require compression fittings made from brass. We offer a variety of configurations to suit your appropriate requirements



# Stainless steel compression

Do you have, or do you want to install a stainless steel piping system on your water craft? Then you will definitely require compression fittings which are made from the same



# Two-cylinder system Caramatic®

changeover, the two-cylinder system offers a high security of supply. If a gas cylinder runs empty during a sailing trip, the system switches over to the reserve cylinder without interruption. You can change the empty gas cylinder during operation without any problem - and without the danger of any gas escaping. The options for the outlet pressure are 30 or 50 mbar, and a pressure relief valve is integrated as a safety device against overpressure.



An easy and convenient way of screwing the pressure regulator onto the 5 or 11 kilogram gas cylinder with eight letters? MiniTool. This small auxiliary tool is suitable for all small cylinder connections with



Pipe clamps are necessary to attach pipes to walls.



# Reinforcement ring

You require reinforcement rings to protect the copper pipe when brass compression fittings are assembled.



# Leak detector spray

Is it time to carry out a simple check for leaks or to detect a leak? Leak detector spray helps out in both situations. When sprayed onto the connections on the LPG system, the liquid forms sustained blisters in the event of a leak.



# Manual leak testing

Consisting of a pressure limiter with a hand pump, a test pressure gauge and a transportation bag, the manual leak tester indicates whether or not the LPG system of the water craft is tight.



# Electronic check for leaks

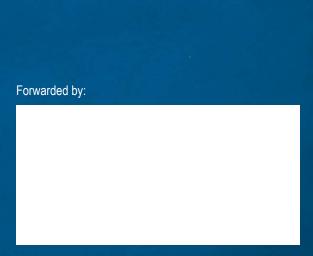
# Electronic test device Leak Check LPG PRO

The ideal companion for experts according to G 608 (worksheet of the German DVGW): The electronic leak tester automatically creates the test pressure and performs the check for leaks. The printer documents the results. In the event of a leak, the Leak Check maintains the test pressure and the testing personnel can find the leak without difficulty.



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