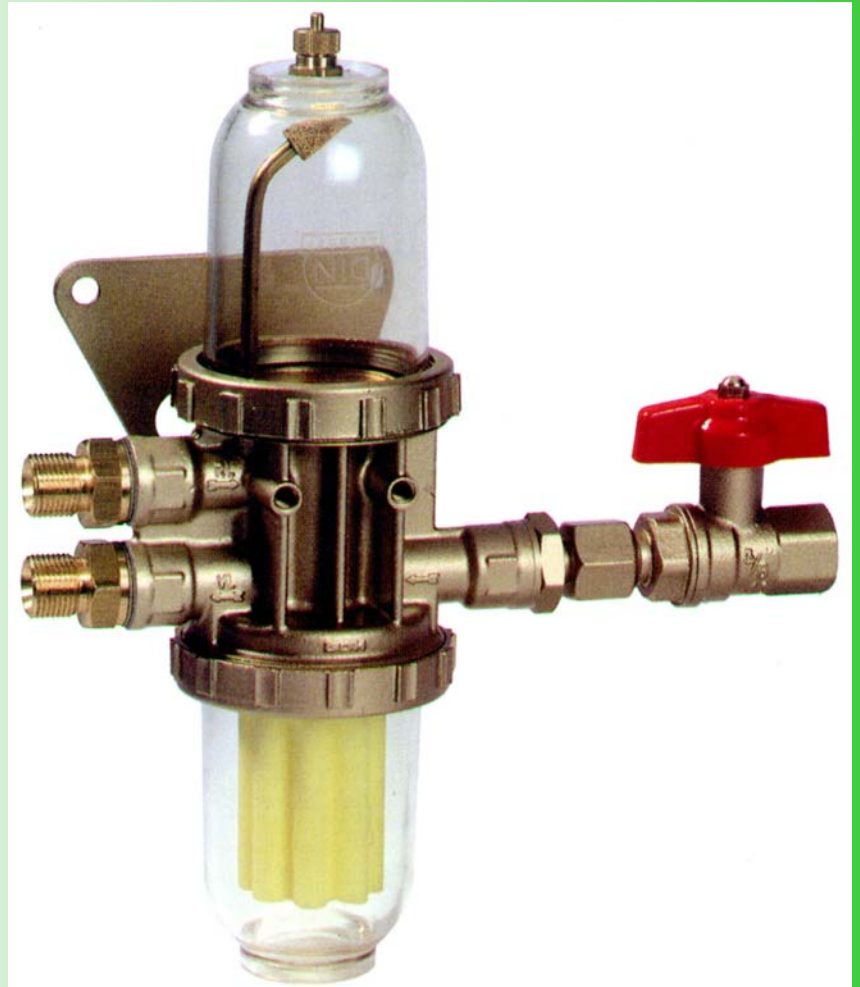


GOK

Fuel Oil Deaerator With integrated filter!

GS 2000

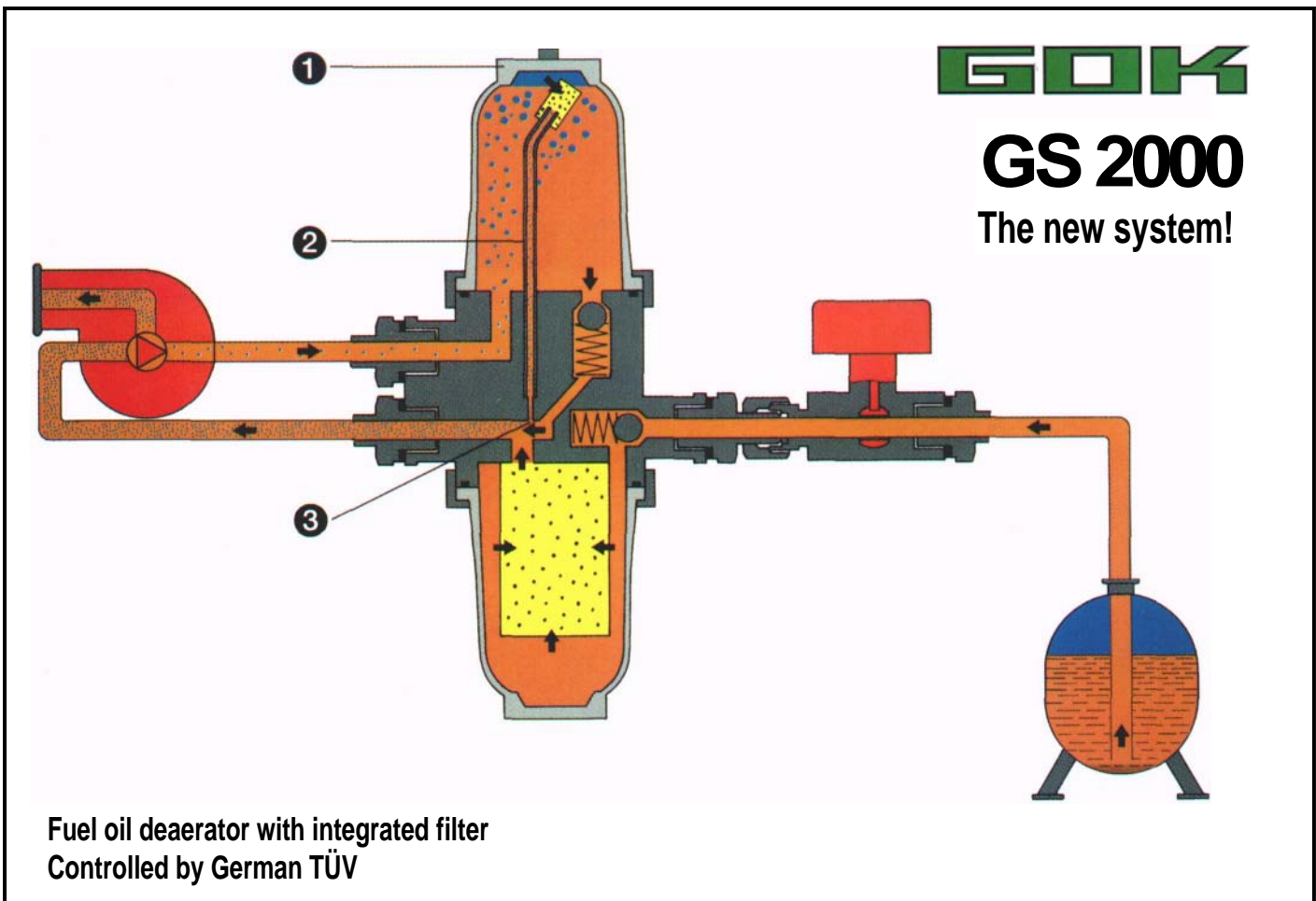
The new system !



- **GS 2000 means completely closed system**
- **Oil or foam cannot escape
neither in operation nor in case of malfunction**
- **No more oil smell**
- **Installation below or above maximum liquid
level**

GS 2000 is a combination of an oil filter, deaerator and shut-off valve. It is designed to be installed on oil combustion plants run on a single pipe system. With this system, a return pipe to the tank becomes superfluous which on the one hand lowers costs and on the other reduces the risk of damage to the environment in the event of leaks.

Special attention must be paid to the installation of the device in frost-free atmosphere.





**Fuel oil deaerator with integrated filter
Controlled by German TÜV**

Function:

With this oil deaerator with the integrated filter, the usual housing with the deaerator valve on the upper side is a completely "closed system" **1**. The air released when the oil is lifted up is collected in this "closed system". A thin suction pipe **2** runs from the upper part of the system to the low pressure side of the Venturi device **3** in the feed pipe to the pump. If the pump of the oil burner is operating, first of all oil is lifted into the deaerator. The air separates into the upper bowl and is sucked by the Venturi device from the upper bowl and is finally defused and mixed with the oil going to the burner. This system on the one hand ensures there are no malfunctions of the burner and on the other, the separated air is mixed back into the system. The device must be vented before operation via the burner-pump or the vent screw at the top of the oil deaerator.

Technical data:

maximum oil throughput in pump cycle	80 l/h light oil
maximum oil throughput at burner jet	120 l/h light oil
maximum pressure	PN 6
maximum operating temperature	60 °C
maximum ambient temperature	60 °C
maximum deaeration capacity	5 l/h air

Connections		Filter	Order no.
Receiver	Burner		
Internal Thread G ³ / ₈	Internal Thread G ³ / ₈	Sintered Plastic 35µm	13 512
Internal Thread G ³ / ₈	External Thread G ³ / ₈		13 513
Connection 8/10 mm	ball nipple		13 513-10
	External Thread G ³ / ₈		
	Ball nipple		
Filter for exchange Sintered plastic 35µm			13 851-34
Installation:			
Hoses for flexible passage from the tube to the fuel oil deaerator			
			12 060
Tube fitting 10mm x G ³ / ₈ x 400mm			
			12 060-01
Tube fitting x tube connection 10mm x 400mm			

Dimensions:

fitting length	182 mm
total height	225 mm
depth including fastening	103 mm



Regler- und Armaturen-GmbH & Co. KG

Obernreiter Strasse 4 • D-97340 Marktbreit • Telephone+49-9332-404-0 • Telefax+49-9332-404-49