

The clean one

Chlorine gas filter



Clean, safe, easy

Proper operation of chlorine gas dosing equipment in chlorine gas systems can be ensured only if they are protected against impurities.

With the chlorine gas filter, a product is available that removes contaminants such as particles and chlorine condensates from the inflowing chlorine gas.

Compact solution a clean result

The chlorine gas filter is installed in systems with chlorine evaporator between the evaporator and the pressure reducing valve or in pressure lines in front of the pressure reducing valve.

For connection to the chlorine gas line, input and output flange were welded to the chlorine gas filter using a tongue and groove design. As a further model variant, the chlorine gas filters can be supplied with additional mating flanges in a tongue and groove design.

Inside the chlorine gas filter, there is a ceramic filter element, on the surface of which the contaminants are separated out when the gas flows through the filter.

Accessories include a heating sleeve, which ensures the evaporation of small amounts of condensate in the chlorine gas filter, while preventing the formation of chlorine condensate in the filter.

Functions

- Max. flow rate: 200 kg Cl₂/h
- Robust, simple design
- Low maintenance effort
- Housing made of heavy-gauge steel

Robust and low maintenance

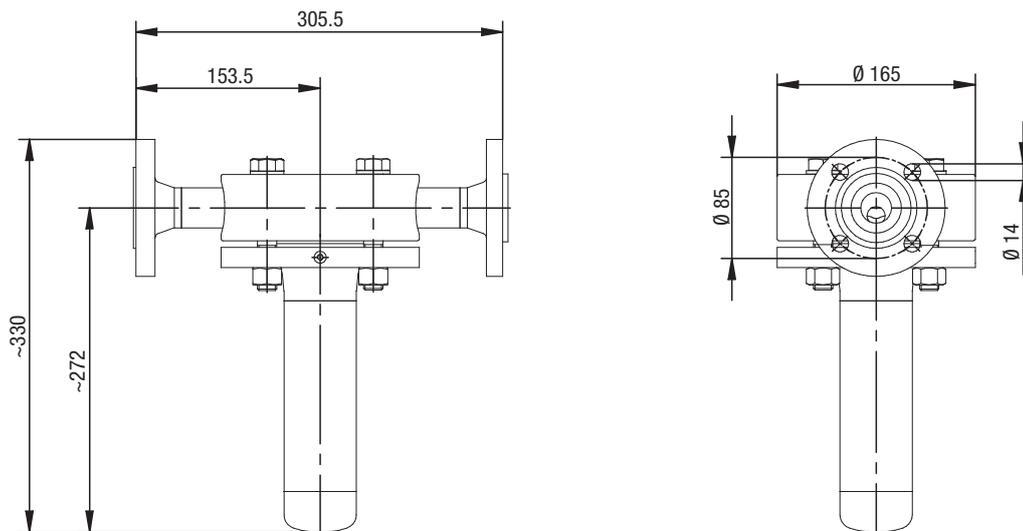
The simple and robust design of the chlorine gas filter assures a long service life with minimum maintenance. Unless required by law or regulation or because of a heavy load on the filter, making shorter maintenance intervals necessary, the chlorine gas filter only need to be serviced once a year. During this process, the complete filter element with the associated sealing elements must be replaced.

Technical data

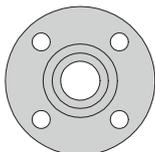
Chlorine gas filter			
Capacity	at 2 bar	kg Cl ₂ /h	100
	at 6 bar	kg Cl ₂ /h	200
Max. operating pressure		bar	40
Max. operating temperature		°C	80
Connections according to EN 1092-1	Input		flange DN25 / PN40 with groove
	Output		flange DN25 / PN40 with a spring
Material	Housing		C-steel
	Seals		FPM, Klingersil
	Filter		Ceramic
Weight		kg	20 approx.

Dimensions

All dimensions in mm



Chlorine gas filter standard - accessories



Flange

- Counterflange - 1" NPT female thread with tongue
- Counterflange - 1" NPT female thread with groove
- Counterflange - welding neck flange with tongue
- Counterflange - welding neck flange with groove



Heater

(Delivered complete with fastening materials)

- Heating collar 240 V 50/60 Hz, 25 W, 3 m cable without plug
- Heating collar 120 V 50/60 Hz, 25 W, 3 m cable without plug