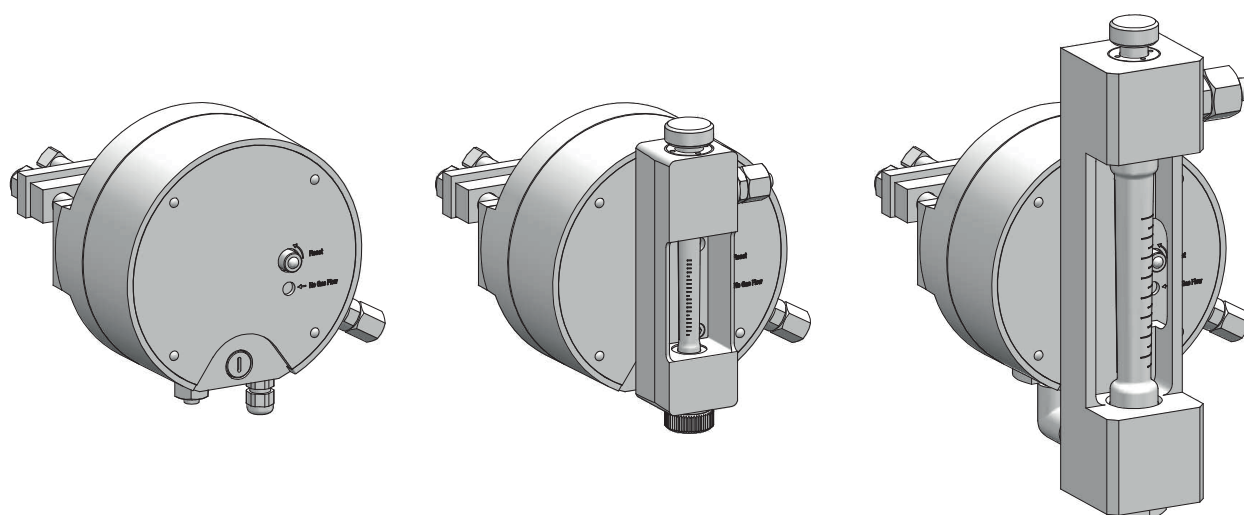


Reliable technology for every need

Vacuum regulator C 2216



Compact safety

The safest vacuum regulators are those which permit direct connection to the pressurised chlorine gas bottles. A full-vacuum chlorinator such as the C 2216 establishes a vacuum as early as possible, thereby reducing the danger of escaping toxic media.

The C 2216 is a compact vacuum regulator for individual operation. The inlet valve of the controller opens once the required vacuum has been established at the output of the C 2216 and closes immediately once the vacuum is reduced as the result of a leakage in the subsequent vacuum piping system.

An impermissible pressure increase in the vacuum piping system causes the safety valve integrated in the vacuum regulator to open, venting the system to a neutralisation system as e.g. with an activated carbon cartridge in proximity to a gas sensor.

Functions

- Scope of application up to 10 kg Cl₂/h
- Integrated safety blow-off valve
- Flow meter with manual setting available
- Optical display empty chlorine tank (optionally with electrical switching contact)
- With yoke connection

Optimal chlorine gas removal

The C 2216 is suitable for use with water treatment with smaller and medium-sized chlorinators. With the front-fitted flow meter, the chlorine gas can be removed optimally with a manual dosing valve in a broad capacity range up to 10 kg Cl₂/h. A measuring glass with 12 different measuring areas is available for this purpose.

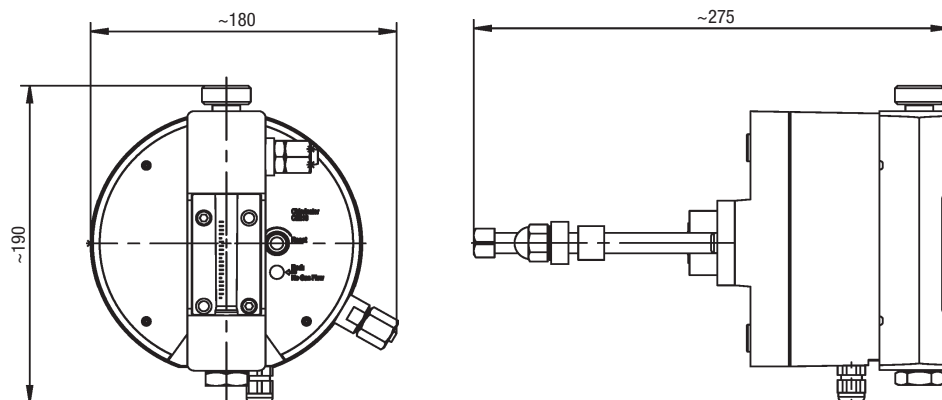
Simple installation

The C 2216 vacuum regulator is constructed on the basis of international standards. The device is connected to a chlorine gas bottle via a yoke connection (YOKE). An optical display (optionally available with an electrical switching contact) serves the display of an empty chlorine gas tank.

Dimensions

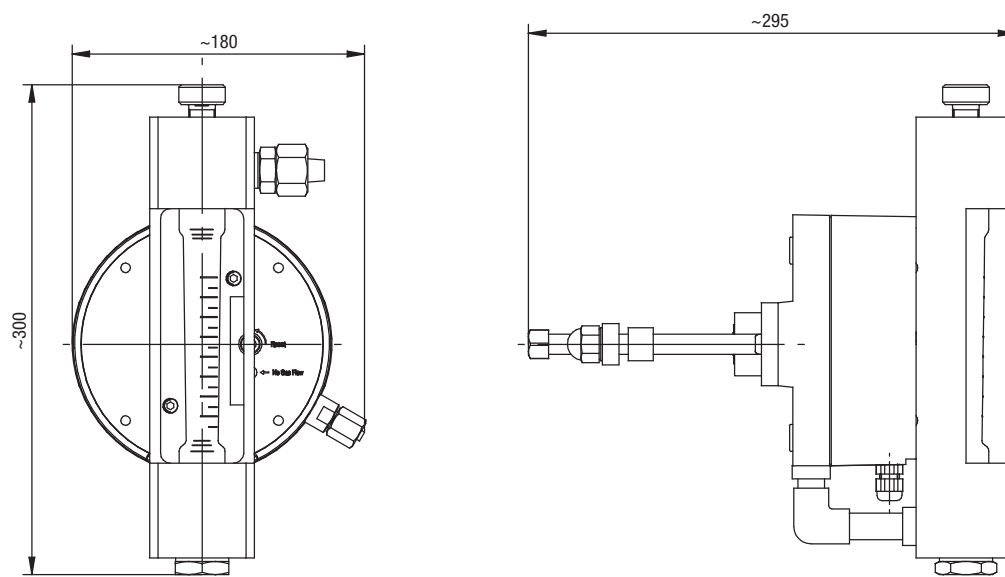
Vacuum regulator C 2216-VF, dosing range 0.025 – 4 kg/h Cl_2

All dimensions in millimetres (mm).



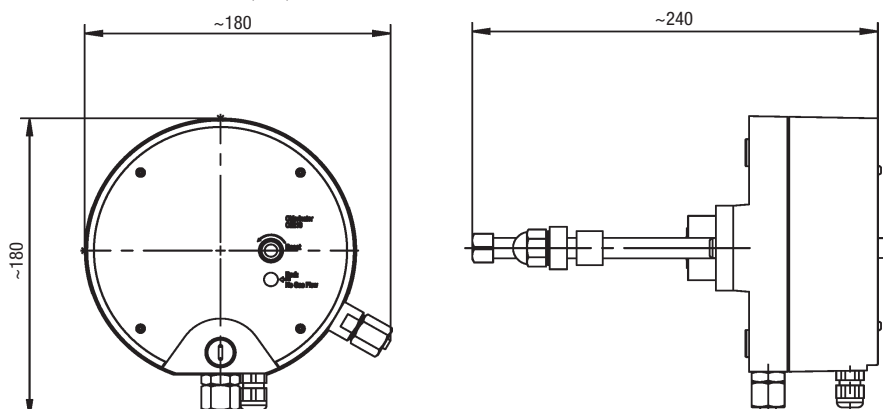
Vacuum regulator C 2216-VF, dosing range 5 – 10 kg/h Cl_2

All dimensions in millimetres (mm).

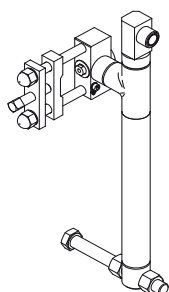


Vacuum Regulator C 2216-V

All dimensions in millimetres (mm).



Accessories



Moisture eliminator

Inc. connection seals

The vacuum regulator is mounted directly on the output of the moisture eliminator.

Input: Universal yoke for the following 90° valves
 BSP 5/8 in accordance with BS 341
 BSP 3/4 in accordance with AS 2473
 1,030" 14 NGO in accordance with CGA V-1 (820)

Output: Universal head G5/8
 Suitable for devices with a BSP 5/8 union nut in accordance with BS 341
 and devices with a Yoke connection in accordance with CGA V-1 (820)
 BSP 3/4 threaded pin in accordance with AS 2473
 BSW 1" threaded pin in accordance with DIN 477
 1,030" threaded pin x 14 NGO in accordance with CGA V-1 (820)



Bottle with ammonia solution

For leak test of the cylinder connection

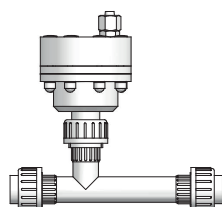


Activated carbon cartridge

with bracket and 3 m hose for installation in the blow-off line

Retains small amounts of chlorine and prevents chlorine gas alarm as a result of short-term system-related leakage.

Connection for PE hose Ø8/12



Injector with injector non-return valve

Standard injectors for back pressure of up to 8 bar

High-pressure injectors for back pressure of up to 10 bar

Water connection: PVC threaded conn.

Gas connection: PE hose Ø12/16 (up to 4 kg/h)
 PE hose Ø12/16 (up to 10 kg/h)