Vacuum regulators

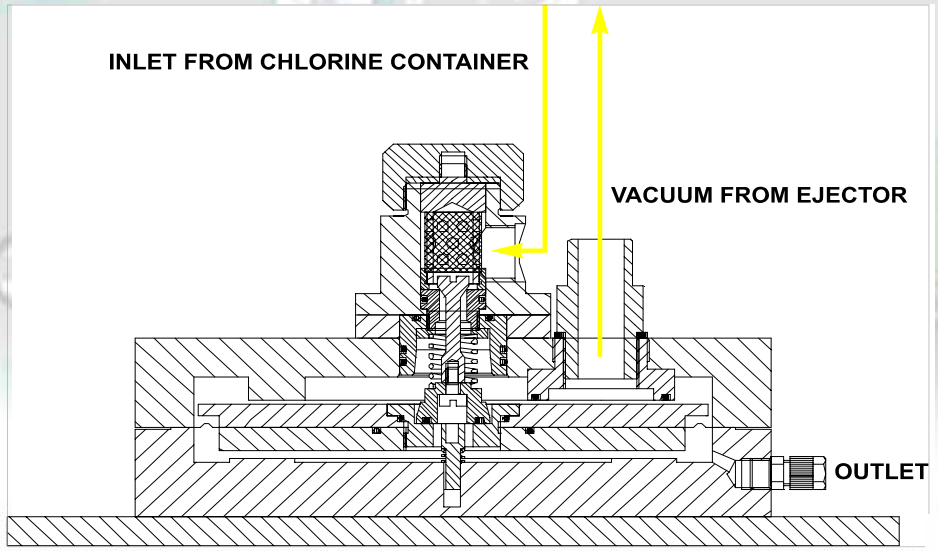
series M 40 C

General:

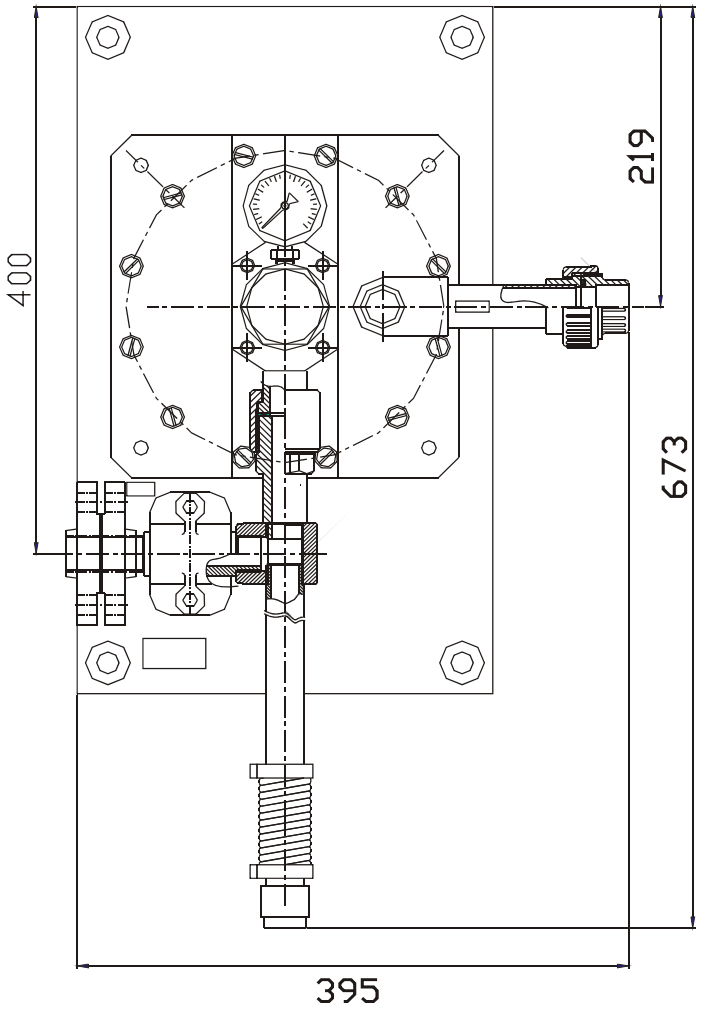
Vacuum regulators series M 40 C function in the same way as M 20 C Vacuum regulators, with the only difference that they are designed for dosing larger amounts of gas. M 40 C regulators consist of an inlet pressure valve, regulator head and a pressure gauge, and can be equipped with liquid chlorine gas trap and heater, or chlorine gas filter. The dosing capacity of the M 40 C vacuum regulator is up to 40 kg/h.

Operation:

Gas pressure (Cl_2) builds up only at the back adapter massive part of the regulator. The inlet valve prevents gas from entering the system without control. When the ejector has generated enough vacuum to overcome the force of the non-return valve, gas chlorine travels along the vacuum line through the flow meter and the dosing valve to the ejector, where it thoroughly mixes with water.



Measure drawings:



Technical data :

Dosing Range : (in kg/h)
20 up to.....20 kg/h
40 up to.....40 kg/h
Dosing precision :
± 4% of the set value
Gas types :
C=Cl_2
S=SO_2
N=NH_3
Dimensions:
M 40: 673 x 395 x 179 mm
Weight :

Connections:

Vacuum:
20 (20 kg/h) – D20 – 3/4"
40 (40 kg/h) – D25 – 1"

Pressure:
Flange connection D3/4'' NP16 DN20 (DIN2633) from 20 up to 200 kg

Other connections can be made by order.

Order codes :

M 40 C/ X M F T H

Model
Gas type
Dosing range
Pressure Gauge (yes/no)
Filter (yes/no)
Chlorine trap(yes/no)
Heater(yes/no)

Options:

-Gas type , **"C"** - Cl2, **"S"** - SO2, **"N"** - NH3
-Dosing range is chosen from technical data table and the suitable number is written into the ordering code
-Pressure gauge **-"M"** , without it the letter is not written in
-Filter "**F**", if selected, then chlorine gas trap "**T**" and heater "**H**" can't be present
-Chlorine gas trap "**T**", without it the letter is not written in

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