



VACCUM SWITCHOVER

series **M 400 & M 440**

Capacities
up to 10kg/h & up to 120kg/h

GENERAL

The automatic switchover system is completely vacuum operated device and automatically switches chlorine feed from an empty chlorine source to a full chlorine source, without manual reset. Optionally it can be equipped with electrical signal indicating which source is in use. The switch occurs mechanically and no additional energy is required. Switchover from empty chlorine source to the full chlorine source provides uninterrupted operation. The system will not switch back to new chlorine source until the one in use is exhausted.

OPERATION PRINCIPLE

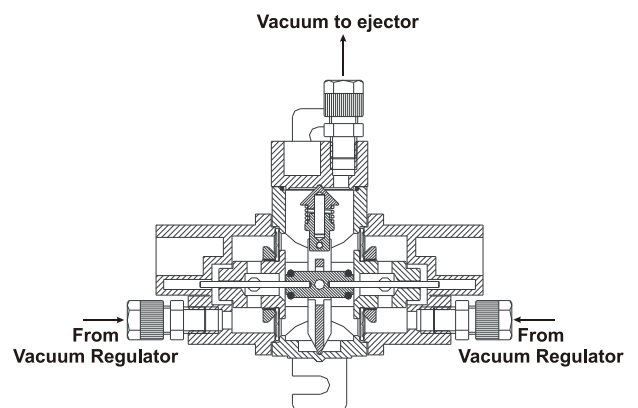
The switchover device operates under vacuum from the vacuum regulator to the ejector.



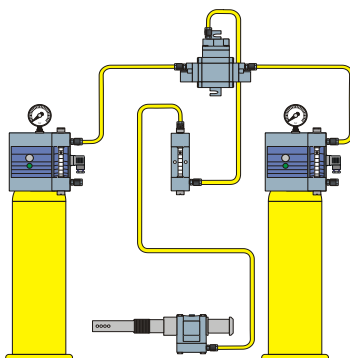
Vaccum switchover
for up to 10kg/h



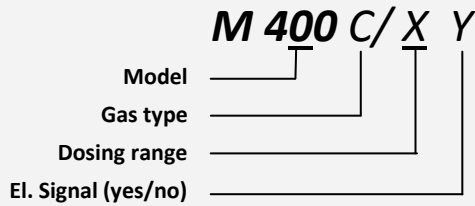
Vaccum switchover
for up to 120kg/h



INSTALLATION



ORDER CODES



OPTIONS:

- Model: **400** for dosing range up to 10 kg/h
440 for dosing range up to 120 kg/h
- Gas type: **"C"** - Cl₂, **"CO2"** - CO₂, **"S"** - SO₂, **"N"** - NH₃
- Dosing range*: is chosen from technical data table below and the suitable number is written into the ordering code
- El. Signal (indicates the source in use): yes **"Y"**, without it the letter is not written in

TECHNICAL DATA



Dosing range (X)*M 400: (kg/h)

- 1 up to 4
- 2 up to 10

Dosing range (X)*M 440: (kg/h)

- 10 up to 10
- 40 up to 40
- 60 up to 60
- 80 up to 80
- 120 up to 120

Gas types :

- C = Cl₂
- CO2 = CO₂
- S = SO₂
- N=NH₃

Weight :

M 400/1:	0,5 kg
M 400/2:	0,55 kg
M 440/40	3,3 kg
M 440/80	10 kg
M 440/120	10 kg

Connections

Vacuum (up to 15m):

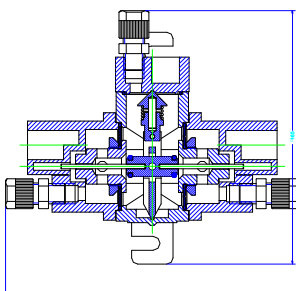
- 4 kg/h - d8/d10 - 3/8"
- 10 kg/h - d12/d16 - 5/8"
- 15 kg/h - d12/d16 - 5/8"
- 20 kg/h - d20 - 3/4"
- 40 kg/h - d25 - 1"
- 60 kg/h - d50 - 2"
- 80kg/h - d50 - 2"
- 120kg/h - d50 - 2"

For larger vacuum lines, see table:
Chlorine vacuum line size requirements

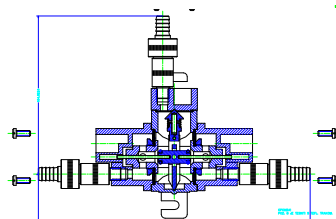
MEASURE DRAWINGS



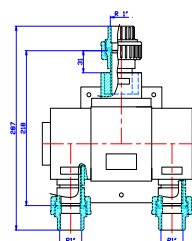
M 400/1



M 400/2



M 440/40



M 440/80

