

Vacuum switchover M 400, M 440



- Capacity: 12 g/h to 120 kg/h
- Automatic switchover of chlorine gas sources
- Completely vacuum operated
- No external energy required
- Simple assembly and installation

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

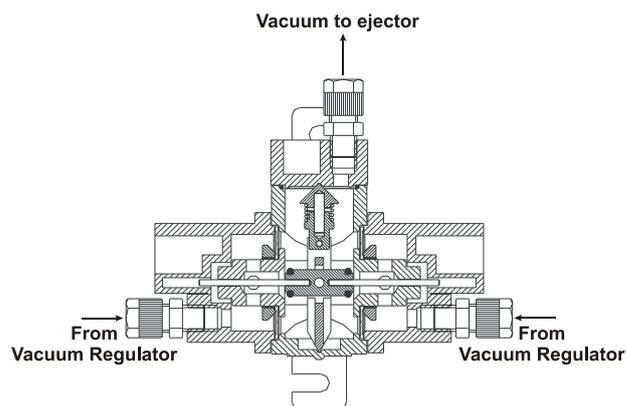
The switchover device operates under vacuum from the vacuum regulator to the ejector.



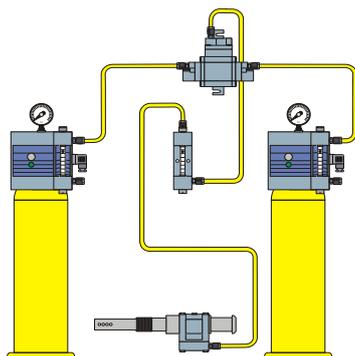
Vacuum switchover for up to 10kg/h



Vacuum switchover for up to 120kg/h



INSTALLATION



ORDER CODES



OPTIONS:

- Model: 400 for dosing range up to 10kg/h
440 for dosing range up to 120kg/h
 - Gas type: "C" - Cl₂, "CO2" - CO₂, "S" - SO₂, "N" - NH₃
 - Dosing range (kg/h):
- M 400**
- 1 up to 4
 - 2 up to 10
- M 440**
- 20 up to 20
 - 40 up to 40
 - 60 up to 60
 - 80 up to 80
 - 120 up to 120
- El. Signal (indicates the source in use): yes "Y", without it the letter is not written in

TECHNICAL DATA



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):

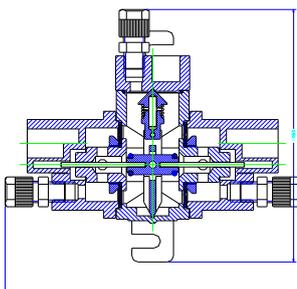
- 4 kg/h - d8/d10
- 10 kg/h - d12/d16
- 15 kg/h - d12/d16
- 20 kg/h - d20 PVC Union
- 40 kg/h - d25 PVC Union
- 60 kg/h - d50 PVC Union
- 80kg/h - d50 PVC Union
- 120kg/h - d50 PVC Union
- 160 kg/h - d50 PVC Union
- 200 kg/h - d50 PVC Union

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

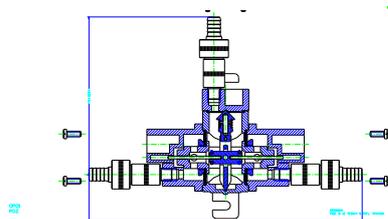
MEASURE DRAWINGS



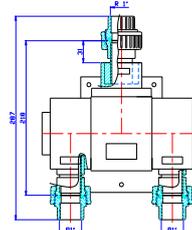
M 400/1



M 400/2



M 440/40



M 440/80

