

Floor mounted chlorinator system MR 520, 540 & 550 RC



- **Capacity: up to 200 kg/h**
- Corrosion resistant thanks to epoxy-glass housing
- Positive operational control by vacuum
- Additional safety thanks to vacuum non-return valve
- Precisely adjustable by integral flow meter
- High level of automation by innovative motorised control valve

GENERAL

The MR 500 RC series chlorinator system is used for accurate feed of gas chlorine, sulphur dioxide and other gases in water supplies, waste water treatment plants and industry.

The device is built up as modular design in a floor mounted fiber glass cabinet unit, easily adapted to any chlorination system. The cabinet can be used as an independent unit or can just be a part of a bigger system.

The **MR 520 RC** system:

- Dosing capacity **up to 15 kg/h**
- Gas flowmeter M 200
- Vacuum regulator M 20
- Ejector M 300
- Optionally: Differential pressure regulator DP 20, Pressure gauge and Vacuum gauge, Motor valve, hi/low vacuum switch

The **MR 540R RC** system:

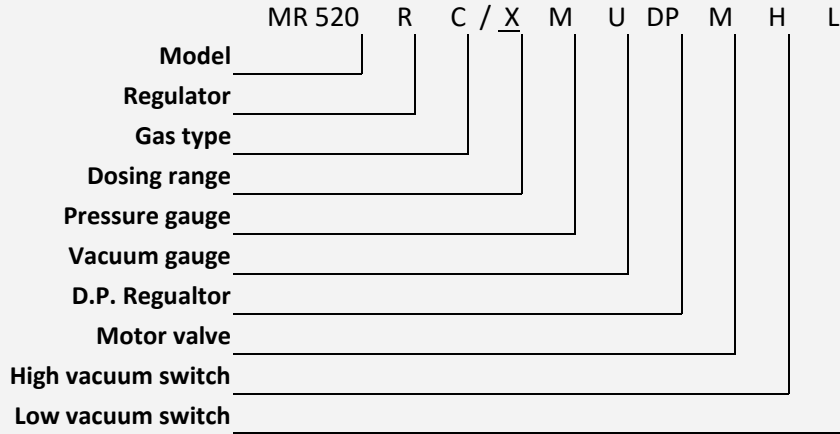
- Dosing capacity **up to 40 kg/h**
- Gas flowmeter M 240
- Vacuum regulator M 40
- Ejector M 340
- Optionally: Differential pressure regulator DP 20, Pressure gauge and Vacuum gauge, Motor valve, hi/low vacuum switch

The **MR 550 RC** system:

- Dosing capacity **up to 200 kg/h**
- Gas flowmeter M 250
- Vacuum regulator M 50
- Ejector M 350
- Optionally: Differential pressure regulator DP 50, Pressure gauge and Vacuum gauge, Motor valve, hi/low vacuum switch



ORDER CODES



OPTIONS:

- Model: 520 for dosing range up to 15kg
540 for dosing range up to 40kg
550 for dosing range up to 200kg
- Gas type: "C" - Cl₂, "S" - SO₂, "N" - NH₃
- Dosing range*: is chosen from technical data table berlow and the suitable number is written into the ordering code
- Pressure gauge: yes "M", without it, the letter is not written in
- Vacuum gauge: yes "U", without it, the letter is not written in
- D.P. Regualtor: yes "DP", without it, the letters are not written in
- Motor valve: yes "M", without it, the letters are not written in
- High vacuum switch: yes "H", without it, the letters are not written in
- Low vacuum switch: yes "L", without it, the letters are not written in

TECHNICAL DATA



Dosing range MR 520: (g/h)	Dosing range MR 540:(kg/h)	Gas types:
1 up to 12	20 up to 20	C=Cl ₂
2 up to 25	40 up to 40	S=SO ₂
3 up to 100		
4 up to 200		Accuracy:
5 up to 500	Dosing range MR 550:(kg/h)	Within 4% of flow
6 up to 1000	60 up to 60	Operating range:
7 up to 2000	80 up to 80	20 : 1
8 up to 4000	120 up to 120	Weight:
9 up to 10000	160 up to 160	32kg + 20kg + 6kg
15 up to 15000	200 up to 200	

Connections

Vacuum (up to 15m):

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

Pressure:

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

Ejector connection :

See product info for ejector M 300,
M 340 and M 350.

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

MEASURE DRAWINGS

