



FLOOR MOUNTED CHLORINATOR

Series *MR 520C, MR 540C & MR 550C*

GENERAL

Floor mounted chlorinator series MR 500 C 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 **MR 520 C** unit:

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

The **MR 540 C** unit:

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

The **MR 550 C** unit:

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



Floor mounted chlorinator unit type MR 540 C with differential pressure regulator DP 40 and M 240 gas flowmeter with vacuum gauge

ORDER CODES



MR 520 C/X U DP +M +Hi +Lo

Model	_____
Gas type	_____
Dosing range	_____
Vacuum gauge	_____
D.P. Regualtor	_____
Motor valve	_____
High vacuum switch	_____
Low vacuum switch	_____

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 below and the suitable number is written into the ordering code
- **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 "+Hi", without it, the letters are not written in
- **Low vacuum switch:** yes "+Lo", 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		N=NH ₃
4 up to 200	Dosing range* MR 550:(kg/h)	Accuracy:
5 up to 500	60 up to 60	Within 4% of flow
6 up to 1000	80 up to 80	Operating range:
7 up to 2000	120 up to 120	20 : 1
8 up to 4000	160 up to 160	Weight:
9 up to 10000	200 up to 200	32kg
15 up to 15000		

Connections

Vacuum (up to 15m):

2 kg/h – d8/d10 – 3/8"	60 kg/h – d50 – 2"
4 kg/h – d8/d10 – 3/8"	80 kg/h – d50 – 2"
10 kg/h – d12/d16 – 5/8"	120 kg/h – d50 – 2"
15 kg/h – d12/d16 – 5/8"	160 kg/h – d50 – 2"
20 kg/h – d20 – 3/4"	200 kg/h – d50 – 2"
40 kg/h – d25 – 1"	

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

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.

MEASURE DRAWINGS

