Floor mounted cabinet chlorinator MR 540 & 550 C

- **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

Floor mounted chlorinator series MR 540 & 550 is used for accurate feed of gas chlorine, sulphor 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 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 540 C / X U DP M H L

- **Model**
- **Gas type**
- **Dosing range**
- **Vacuum gauge**
- **D.P. Regulator**
- **Motor valve**
- **High vacuum switch**
- **Low vacuum switch**

OPTIONS:

- **Model: 540** for dosing range up to 40kg
  550 for dosing range up to 200kg
- **Gas type: "C"** - Cl2, **"S"** - SO2
- **Dosing range (kg/h):**

MR 540

20 up to 20
40 up to 40

MR 550

60 up to 60
80 up to 80
120 up to 120
160 up to 160
200 up to 200

- **Vacuum gauge:** yes **"U"**, without it, the letter is not written in
- **D.P. Regulator:** 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

Accuracy: Within 4% of flow
Operating range: 20 : 1
Weight: 32kg

Connections

Vacuum (up to 15m):
20 kg/h – d20 PVC Union
40 kg/h – d25 PVC Union
60 kg/h – d50 PVC Union
80 kg/h – d50 PVC Union
120 kg/h – d50 PVC Union
160 kg/h – d50 PVC Union
200 kg/h – d50 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

