

Cabinet mounted dosing unit

series

MR 520C, MR 540C and MR 550C



General:

The MR 500C series of dosing units is used for accurate dosing gas chlorine, sulphur dioxide and other gases in water supplies, waste water treatment plants and industry. The dosing capacity of M 520 is up to 15 kg/h, the MR 540C dosing capacity up to 40 kg/h and the dosing capacity of MR 550C is up to 200 kg/h.

The device is built up as modular design in a self-standing cabinet unit with a casing made of glass fibre and can easily be adapted to any chlorination system



The **MR 520C** unit consists of a rotameter M 200 and also the vacuum and differential pressure regulator DP 20, gauge can be installed.

The **MR 540C** unit consists of rotameter M 240 and also the vacuum gauge and differential pressure regulator DP 40 can be installed.

The **MR 550C** unit consists of rotameter M 250 and also the vacuum gauge and a differential pressure regulator DP 50 can be installed.



Cabinet mounted dosing unit type MR 540C with differential pressure regulator DP 40 and MR 240C rotameter with vacuum gauge



Technical data :

Dosing ranges :

MR 520 (in g/h)

- 1 up to.....12
- 2 up to.....25
- 3 up to.....100
- 4 up to.....200
- 5 up to.....500
- 6 up to.....1000
- 7 up to.....2000
- 8 up to.....4000
- 9 up to.....10000
- 15 up to.....15000

MR 540 (in kg/h)

- 20 up to.....20
- 40 up to.....40

MR 550 (in kg/h)

- 60 up to.....60
- 80 up to.....80
- 120 up to.....120
- 160 up to.....160
- 200 up to.....200

Dosing precision :

± 4% of the set value

Gas Types :

C=Cl₂

S=SO₂

N=NH₃

Regulation Ratio :

1 : 20

Connections

Vacuum :

MR 520C:

- 1-7 (2 kg/h) – D8/10
- 8 (4 kg/h) – D8/10
- *more than 30 m – D12/16
- 9 (10 kg/h) – D12/16
- 15 (15 kg/h) – D12/16

MR 540C:

- 20 (20 kg/h) – D20 – 3/4"
- 40 (40 kg/h) – D25 – 1"

MR 550C

- 80 (80 kg/h) – D32 – 5/4"
- 120 (120 kg/h) – D32 – 5/4"
- 160 (160 kg/h) – D40 – 6/4"
- 200 (200 kg/h) – D50 – 2"

Pressure:

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

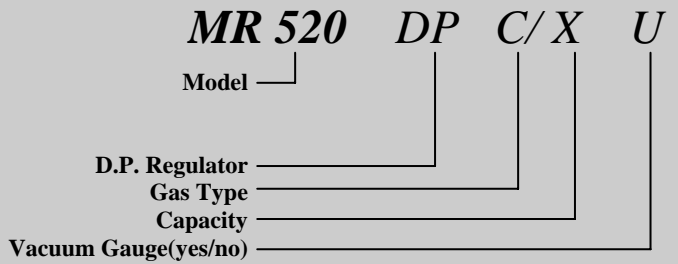
Ejector connection :

Series M 300 -see BUL00002 for details
Series M 340 -see BUL00063 for details
Series M 350 -see BUL00063 for details

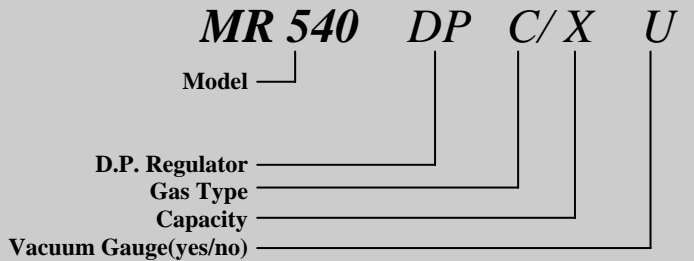
Other connections can be made by order.

Data is subject to change without notice.

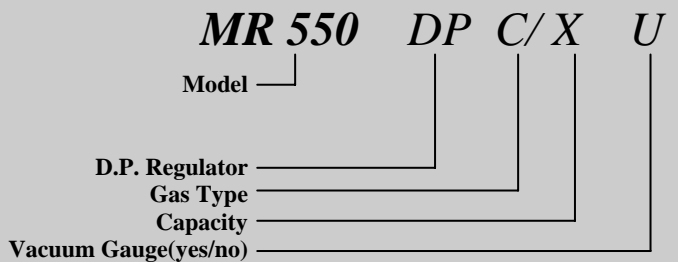
Order codes :



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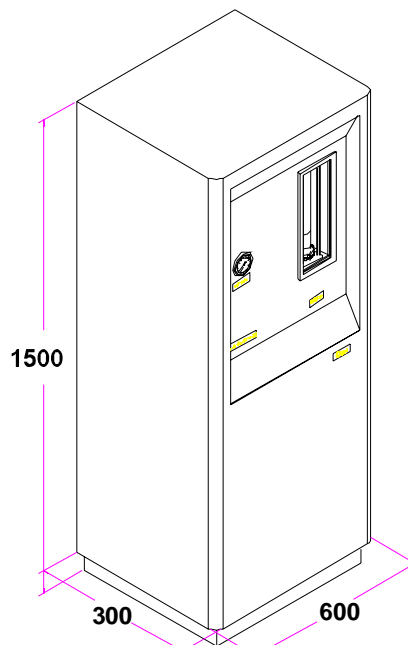
Order codes :



Options:

- Rotameter –“R”, without rotameter the letter is not written in
- D.P. Regulator “DP”, without the the differential pressure regulator the letteres are not written in
- Gas type, “C” – Cl₂, “S” – SO₂, “N” – NH₃
- Capacity is chosen from the technical data table and the suitable number is written into the ordering code
- Vacuum gauge – “U”, without it the letter is not written in

Measure



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