Chlorination system MR 50 RC



- **Capacity: up to 200 kg/h**
- Full vacuum system for maximum safety
- Chlorine wetted parts made of high quality materials for maximum reliability

GENERAL

The MR 50 RC Chlorination System is designed for dosing larger amounts of gas chlorine (up to 200kg) and with minor alterations also for other gases, working on the indirect vacuum principle.

The **MR 50 RC System consists** of:

- **M 50 C** vacuum regulator
- **M 350 C** ejector
- **M 250 C** gas flowmeter



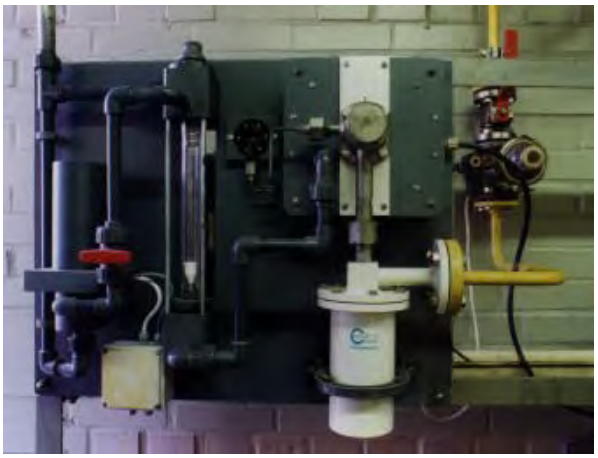
M 350 C Ejector with check valve

OPERATION PRINCIPLE

Dosing can be set manually with the rate valve of the gas flowmeter. It starts or stops when the ejector pump switches on or off.

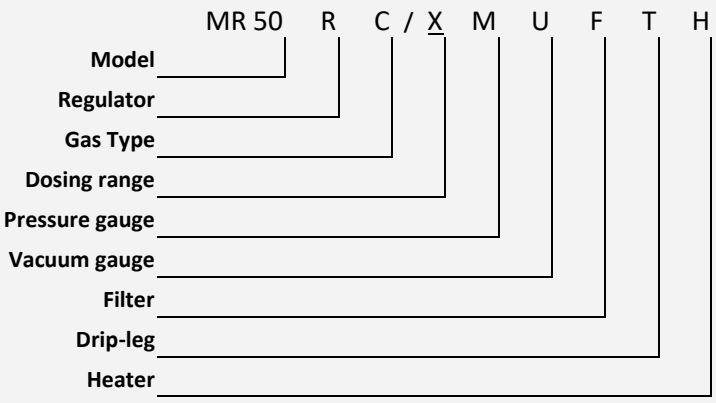
SYSTEM EXTENTION OPTIONS

The MR 50 RC System can be additionally equipped with motor valve for automatic dosing of gas. It can easily be switched from automatic to manual operation.



MR 50 RC Vacuum System additionaly equipped with motor valve

ORDER CODES



OPTIONS:
- **Regulator:** yes "**R**", means system with all general parts
- **Gas type: "C"** - Cl_2, **"CO2"** - CO_2, **"S"** - SO_2, **"N"** - NH_3
- **Dosing range (kg/h):**
  60 up to 60
  80 up to 80
  120 up to 120
  160 up to 160
  200 up to 200
- **Pressure gauge :** yes"**M**, without it the letter is not written in the code
- **Vacuum gauge:** yes"**U**", without it the letter is not written in the code
- **Filter:** yes"**F**" (type M 3319), without it the letter is not written in the code
- **Drip-leg:** yes "**T**", without it the letter is not written in the code; if filter is not selected, then the drip-leg is present!
- **Heater:** for block connection type the letter "**F**" is written in the code

TECHNICAL DATA

System Weight: 54 kg

Connections

Vacuum(up to 15m):
60kg/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 60 to 120 kg

Ejector connection:
See product info for high capacity ejectors M 350.
Other connections on request!

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

MEASURE DRAWINGS

