

Pressure switchover M 470 C PVC



- Capacity: up to 200 kg/h
- Automatic switchover of chlorine gas sources
- 1 or 2 pressure probes
- No external energy required
- Simple assembly and installation

GENERAL

Pressure Switchover series M 470 C PVC provides an uninterrupted supply of chlorine gas to the system. It assures safe and reliable switching between two chlorine gas sources.

Automatic pressure switchover consists of:

- pressure switches
- motorized ball valves
- manifolds and bypass valves
- union connection

There are two versions of the M 470 C pressure switchover available:

M 470 C/1—with one pressure probe; controls pressure to consumption

M 470 C/2—with two pressure probes; controls the source pressure (pressure of the chlorine supply)

OPERATION PRINCIPLE

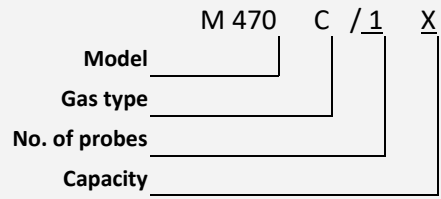
Pressure switchover unit consists of two independent, electrical motor-driven ball valves, depending on version, one or two pressure probes and microprocessor controlled control panel.

Under normal operating conditions there is always steady pressure under pressure regulator approx. 1 bar (depends on pressure regulator set up (from 0,7 up to 2 bars).

This pressure drops when chlorine is consumed. The pressure probe senses the pressure drop and the control panel initiate the motor valves to switch to the full chlorine source.

On the control panel the operator can check the status of the operation of the pressure switchover. Depending on the version different alarms are indicated. If the switchover is malfunctioning, valves can be closed or opened manually on the motorized ball valves.

ORDER CODES



OPTIONS:

- **Gas type:** "C" - Cl₂, "CO2" - CO₂, "S" - SO₂, "N" - NH₃
- **No. of probes:** 1 = with one pressure probe
2 = with two pressure probes
- **Capacity:** A up to 20 kg/h - d16(DN10)
B up to 100 kg/h- d32(DN25)

TECHNICAL DATA



Gas types:

- C**=Cl₂
- CO2** = CO₂
- S**=SO₂
- N**=NH₃

Connections

- Flange connections:
- PVC Union
- 1A = d16
- 1B = d32
- 2A = d16
- 2B = d32

Other connections on request!

DIMENSIONAL DRAWINGS

