

General

Chlorination devices are used in water treatment plants, swimming pools and for other applications in which continuous disinfection of the water is important. The C 7520-type chlorine changeover unit ensures the uninterrupted supply of chlorine. It has been designed for the use in pressure-type chlorination installations. The chlorine can be liquid or gaseous.

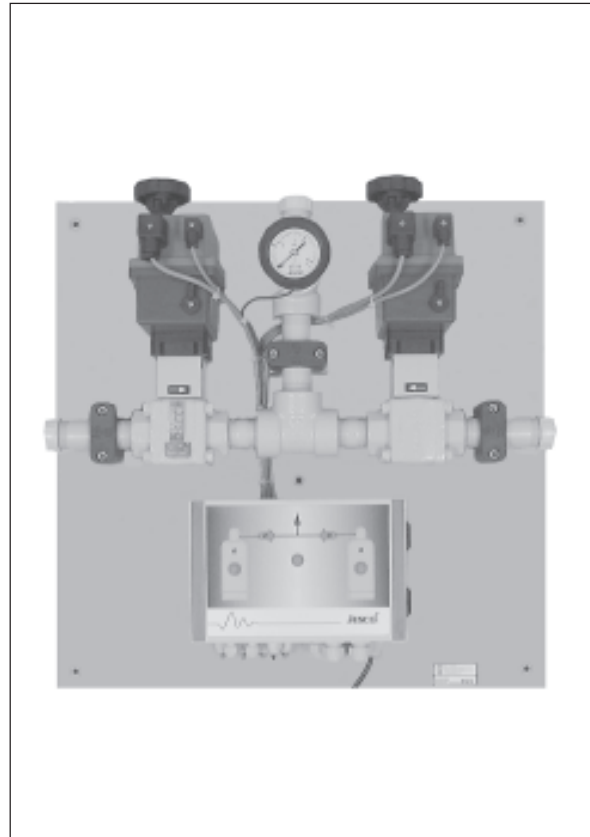
Function

The C 7520-type changeover unit consists of two independent, electrical motor-driven ball valves, a contact pressure gauge and an electronic control. All components are mounted and wired on a PP wall panel.

Under normal operating conditions at 20°C there is an excess pressure of approximately 6.8 bar in liquid chlorine containers. In the case of emptied chlorine containers (cylinders or drums) the pressure drops. Then the contact of the pressure gauge closes and the control causes the motor valves to switch. The chlorine cylinder or battery currently in use and now empty is shut off and the standby battery (several cylinders or drums) is opened. After max. 25 seconds the changeover process is completed and the normal operating pressure prevails again.

The motor valves can also be switched over by hand, if necessary. In this case the lever located at the drive is shifted and the output shaft can be moved manually.

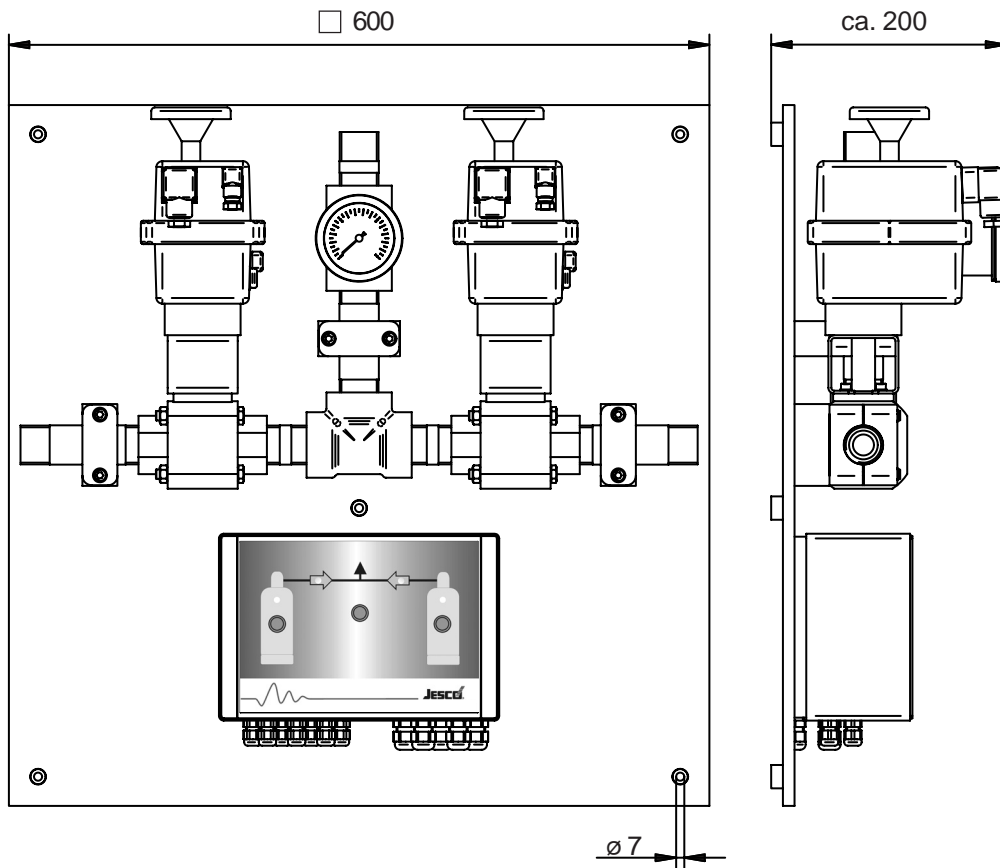
All operating states are indicated by bright three-color LEDs in a flow diagram printed onto the control unit. The LEDs show which chlorine battery is currently in use (an open motor valve is indicated by a green LED, a closed motor valve is indicated by red one; during changeover the orange LED lights up). Green or red LEDs indicate full or empty chlorine containers. When replacing empty chlorine containers by full ones, the operator must press a RESET button on the control unit which then signals "Container full" and switches back to this chlorine supply battery. For remote signaling of "Empty" and "Alarm" voltage-free contacts are available. Chlorine gas alarm can be applied via an external contact. Then both ball valves will close in the case of an alarm.



Technical data

Chlorine throughput:	depending on the line installation
Connections:	1" outside thread
Material:	Material resistant to chlorine gas such as steel, PTFE, silver
Power supply:	230 V, 50-60 Hz or 115V 50-60 Hz
Power consumption:	max. 100 W during changeover
Fuse:	250 V, T2A
Type of protection:	IP 65
Changeover time:	25 seconds max.
Relay contacts:	max. 250 VAC, 10A
Dimensions:	600x600x150mm (HxWxD)
Weight:	13kg
Lutz-Jesco Part-No.:	22400013 (230V 50Hz)

Dimensions



Installation example

