

General

Chlorination devices are used in water treatment plants, swimming pools and for other applications in which continuous disinfection of the water is important for ensuring the health of guests or consumers. The C 7522-type chlorine changeover unit ensures the uninterrupted supply of chlorine.

It has been designed for the use in vacuum-type chlorination installations in accordance with German standard DIN 19606. It must not be operated under pressure.

Danger of destruction!

Funktion

The C 7522-type changeover unit consists of two independent, electrical motor-driven ball valves, a contact vacuum gauge and an electronic control. All components are mounted and wired on a PP wall panel.

A vacuum of approx. -0.2 bar prevails under normal operating conditions. The value only drops in the case of empty chlorine containers (cylinders or drums). Then the contact of the vacuum 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 vacuum 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.

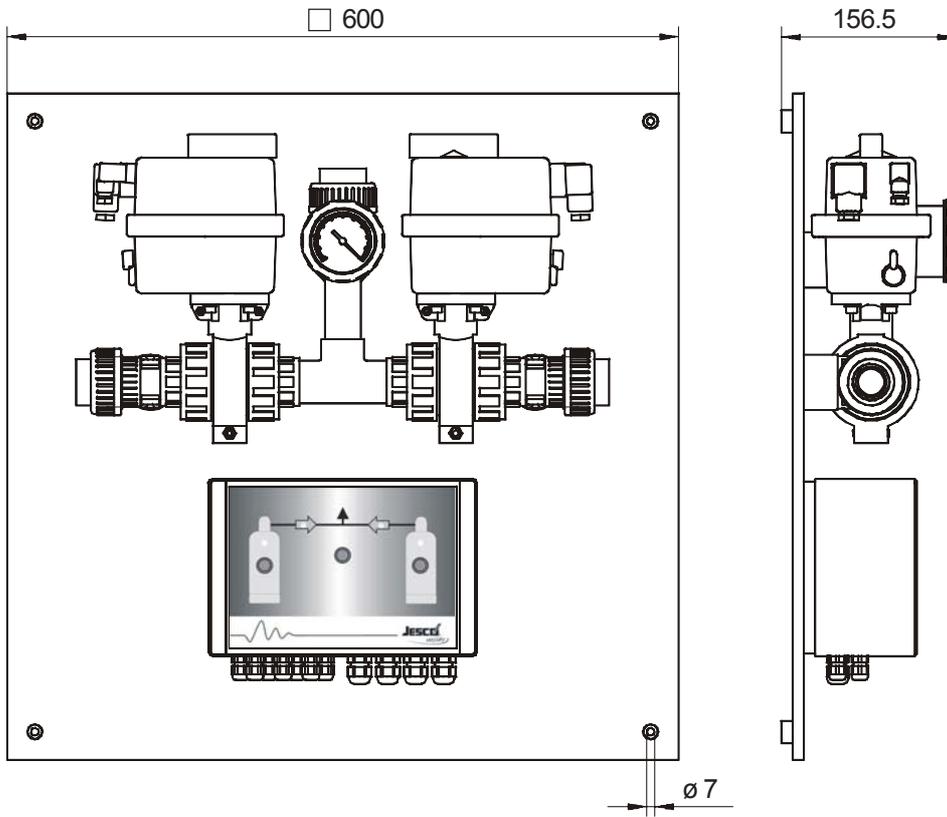
All operating states are indicated by bright three-color LED in a flow diagram printed onto the control unit. The LEDs show which chlorine battery is currently in use (an open motor valve is indicated by a green LED, a closed motor valve is indicated by red one; during changeover the orange LED lights up). Green or red LEDs indicate full or empty chlorine containers. When empty chlorine containers have been replaced by full containers, the operator must press a RESET button on the control unit which then signals "Container full" and switches back to this chlorine supply battery. As long as the empty chlorine container is connected the control switches back to it periodically in order to make sure that it is completely emptied. For remote signaling of "Empty" and "Alarm" voltage-free contacts are available. Operating the key for shock chlorination opens both motor valves.



Technical data

Chlorine throughput:	up to 100 kg/h (depending on the line installation)
Connections:	d32 PVC union nut with cemented connection adapter für 8/12mm tubing (JESCO Part No.: 35793) Adapter for 12/16 mm tubing (JESCO Part No.: 35794)
Material:	Materials resistant to chlorine gas such as PVC, Viton, silver
Power supply:	230 V, 50-60 Hz or 115 V 50-60 Hz
Power consumption:	max. 100 W during changeover
Fuse:	250 V, T2A
Type of protection:	IP 65
Changeover time:	25 seconds max. 9 seconds min.
Relay contacts:	max. 250 VAC, 10A
Dimensions:	600x600x156mm (HxWxD)
Weight:	8.5kg
JESCO Part No.:	22400011 (230V 50Hz)

Dimensions



Installation example

