

Product Information Full-Vacuum Chlorinator CVR 10

Simple, safe, reliable

Chlorine and chlorine compounds have been used successfully in water treatment for many decades. Lutz-Jesco offers you an extensive range of well-established equipment as well as of state-of-the-art chlorination systems for dosing chlorine gas and chlorine compounds. Chlorinator, analyzing and warning devices match perfectly. All Lutz-Jesco chlorination units meet the safety requirements by vacuum technology.

CVR 10 - the compact solution

The full-vacuum chlorinator CVR 10 is the compact solution for a safe chlorination with vacuum technology starting at the storage container. The CVR 10 is especially suited for the water treatment with small and mid-sized plants. The CVR 10 is suitable for most of the applications, due to a wide range of operation (25 g to 10 kg Cl₂/h).

The CVR 10 can be connected either directly to the chlorine gas tank or a manifold. Chlorine gas enters the device only, when the generated vacuum is strong enough to open the suction valve. A signal pin indicates clearly, when the chlorine tank is empty. An electrical switch contact is provided for any electrical panel indication (optional). The integrated safety pressure relief valve opens, if the vacuum side experiences pressurization.

A simple and solid construction guarantees for longevity and little maintenance.

The CVR 10 is available with different threaded connections for all common chlorine gas tank connections as well as with tubing connections (Yoke). The discharge side is equipped with connections for either 8/12 tubing or 12/16 tubing.

In short

- Range of operation: 25 g to 10 kg Cl₂/h
- Compact, inexpensive construction
- Safety operation by vacuum technology
- Suitable for all common chlorine gas containers
- Connectable directly to chlorine gas container or manifold
- Indication of empty chlorine gas container
- Integrated safety pressure relief valve



Technical data

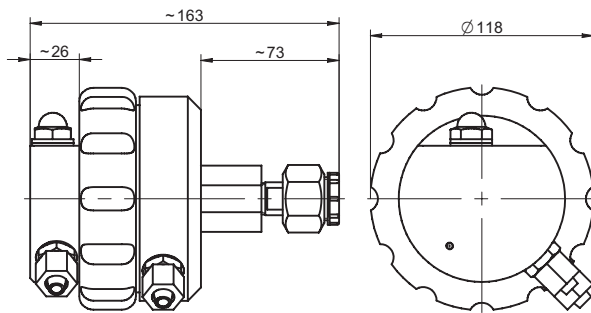
Capacity	up to 10 kg Cl ₂ /h
Pressure chlorine gas suction side	max. 16 bar
Safety pressure relief valve	30 mbar
Operating temperature	10 °C to 50 °C
Dimensions (B x H x D)	165 x 118 x 118 mm
Connection to supply side	W1", G 5/8, G 3/4, 1,030" NGO, Yoke
Connection to system (vacuum)	8/12 or 12/16 tubing
Connection safety pressure relief valve	8/12 tubing
Weight	approx. 1300 - 2500 g

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Model variants

Product	Connection to supply side	Connection to system (vacuum)	Connection safety pressure relief valve	Order No.
Full-Vacuum Chlorinator CVR 10	W 1"	8/12	8/12	20410000
Full-Vacuum Chlorinator CVR 10	W 1"	12/16	8/12	20410004
Full-Vacuum Chlorinator CVR 10	G 5/8	8/12	8/12	20410002
Full-Vacuum Chlorinator CVR 10	G 5/8	12/16	8/12	20410006
Full-Vacuum Chlorinator CVR 10	1,030" NGO	8/12	8/12	20410003
Full-Vacuum Chlorinator CVR 10	1,030" NGO	12/16	8/12	20410005
Full-Vacuum Chlorinator CVR 10	Yoke	8/12	8/12	20410001
Full-Vacuum Chlorinator CVR 10	Yoke	12/16	8/12	20410007
Full-Vacuum Chlorinator CVR 10	G 3/4	8/12	8/12	20410008
Full-Vacuum Chlorinator CVR 10	G 3/4	12/16	8/12	20410009

Dimensional figure



All measurements are given in mm