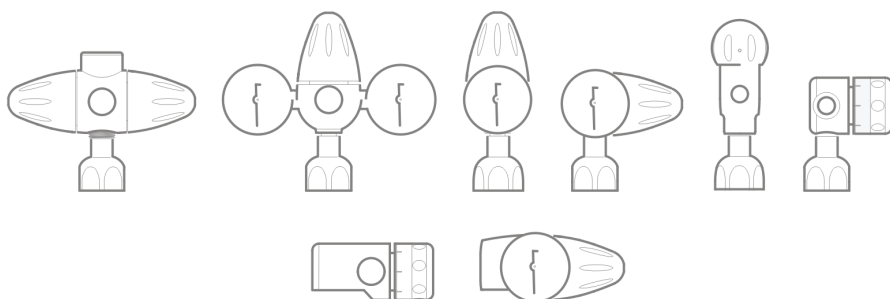


DREAMSDSIGN®

User manual

Reducers SR Series

C0-C1-C3-E0-E1-E3-L0-L1-R3-S0-S1-S3-T0-T1-Y0-Y1 Micro



www.dreamsdesign.it

EN

Introduction

Dear customer,

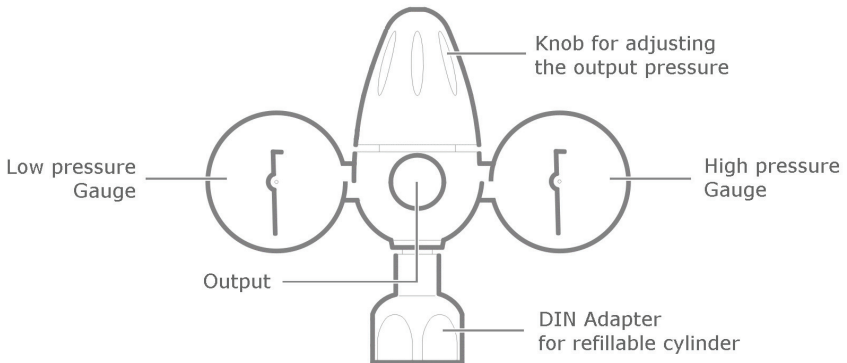
read these instructions to learn about the features of your new pressure reducer and to learn how to use it well with confidence.

Since the operating instructions below are for various models, the characteristics of the equipment in your possession may differ slightly from those described below in these instructions.

These instructions apply to all types of reducers designed to use disposable bottles, refillable and ACME.

The Dreamsdesign reducers, if used properly and kept in good conditions, may ensure long working time in maximum security.

Main components



* Dreamsdesign Srl disclaims all liability for other purposes than those for which the product was designed and transactions undertaken in non-compliance with these instructions and compliance with current safety standards.

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Safety precautions



IMPORTANT INSTRUCTIONS FOR USE AND SAFETY

Ensure that each operator reads and understands these instructions

Read all installation instructions and explanations, before use. Follow the instructions carefully. Keep operating instructions handy for future use. If the unit is sold or passed to another owner, make sure the new owner always receives the instructions. Warnings must be followed strictly adhered to for safety reasons. You must read before installing the device and run it.

All installation work and testing must be performed by qualified personnel.

Before using the product to perform a visual inspection. If your product is damaged must be avoided to install it immediately and contact the people who sold the product.

Not roped to use the reducer with unskilled staff and untrained in its proper use.

Disconnect the regulator from the mains supply before doing any assembly/disassembly (models with solenoid valve).

Each time the reducer is mounted on the cylinder, must be scrupulously observed the instructions for use and safety contained herein. Any deviation or failure to comply with these instructions may cause damage to people or things besides voiding the warranty.

This reducer is not designed to be used by people (including children) who have impaired sensory, physical and/or mental health or lack of experience and knowledge appropriate, unless those people are supervised by someone who is responsible for their safety. In particular care must be taken so that children don't play with the appliance.

Protection of the cylinder



SAFETY RULES FOR CO2 CYLINDERS

Ensure that each operator reads and understands these instructions

Use only good quality cylinders complying with the directive known as T-PED 99/36/EC on transportable pressure equipment. To check this, we recommend you check for the approval mark π (greek pi) printed in the valve of the cylinder.

When used for sparkling water for food verify that the cylinders are loaded with carbon dioxide E-290 only "for food".

In the case of refillable bottles, they to be recharged only at approved center that certifies the type of gas used.

The cylinder, complete with all protective devices must be securely fixed to a wall (with appropriate hooks and chain) to prevent from falling or rolling, otherwise, the valve and the regulator could be damaged and gas CO₂ could exit.

The cylinder should be placed vertically, never horizontally!

Do not use the reducer as a lever to move the cylinder.

Do not expose cylinders to the sun or heat above 50° C.

Keep the CO₂ cylinders out of reach of children.

Make sure the cylinder valve isn't damaged or dirty. Do not mount the reducer if the valve is damaged in this case, immediately inform the supplier of the cylinder/valve and request the replacement.

If the reducer is not easily screwed onto the valve, avoid forcing and contact your dealer.

Installation and connections

The following simple attention will use the reducer in a safe mode and lasting.

The output should be protected from possible backflow of water through a non-return valve. Use only a quality non-return valves for the type of gas used. We recommend replacing the non-return valve each year. The damage to the pressure reducer due to corrosion caused by the entry of water are not covered under warranty.

During the installation absolutely do not use pliers; the connections will be closed with the proper wrenches.

The output connection allows you to use various types of fittings from 1/8". Are preferred cylindrical connectors equipped with OR that will work in place. The geometry of the output connection allows you to use fast connections for tubes type JG up to 6mm or specific preset outputs (see [Accessories](#) on site www.dreamsdesign.it).


* Please to write below, as reminder, the model of the reducer and the serial number which is marked on the product itself.

Model _____

S/No _____

Use the reducer with disposable and ACME cylinders

The Dreamsdesign reducers are designed to contain, without danger, the pressure of the cylinder. The pressure is automatically controlled so kept constant until the cylinder is empty. Make sure the gasket in the pressure reducer and the valve's sealing surface are clean.

 **Warning!** For the models with adjustable pressure, before connecting the reducer to a new cylinder, turn the adjustment knob to the OFF position (-)

Slowly screw the reducer, holding it upright, until you feel a slight resistance, the nozzle of the reducer will be now in contact with the valve of the cylinder. Rotate the reducer again for another round and tighten by hand but do not overdo it. During this phase you might hear a short whistle to indicate the discharge of excess pressure.

If the reducer is equipped with high pressure gauge, the instrument will indicate the cylinder's pressure.

Set the desired operating pressure with the adjustment knob located on the pressure reducer. If the reducer is fitted with low pressure gauge you can read the value of the instrument.

When using cartridge with sealing caps to pierce (5/8-18UNF) must be removed only when the gas is completely finished.


In the case of using bottles with needle valve (M10x1 - M11x1 - M10x1, 25) or ACME valve the pressure reducer can be unscrewed at any time (even at full cylinder) because the cylinder valve will close automatically. It is possible that during this operation you can feel a slight hiss.

 **Do not recharge disposable cylinders! Danger of accidents!**

Disposable cylinders must, by law, be disposed of ferrous materials near the special areas when fully depleted (DM 283/62).

Use the reducer with refillable cylinders

The Dreamsdesign reducers are designed to contain, without danger, the pressure of the cylinder. The pressure is automatically controlled so kept constant until the cylinder is empty. Make sure the gasket in the pressure reducer and the valve's sealing surface are clean.


 **Warning!** For the models with adjustable pressure, before connecting the reducer to a new cylinder, turn the adjustment knob to the OFF position (-)

Tighten the regulator to the valve on this tank by turning the hexagonal nut. The ring can be closed by hand without the use of any tool.

In the cylinder with handwheel valve, slowly open the valve with about 1 turn.

If the reducer is equipped with high pressure gauge, the instrument will indicate the cylinder's pressure.

Set the desired operating pressure adjustment with the knob located on the pressure reducer. If the reducer is fitted with low pressure gauge you can read the value of the instrument.

 **Warning!** Before unscrewing the reducer it is necessary to close the gas by closing the handweel on the cylinder valve.

For refillable ACME type refer to "use with disposable cylinders".

Care and maintenance

The pressure reducer does not need special attention but, as all instruments of control and measurement devices should be used with care and attention.

To clean the pressure reducer don't spray water directly on it or use petrol, solvents or alcohol. Just use a cloth slightly dampened with warm water on the metal parts. As for the glass of pressure gauges, if very dirty, use a damp cloth and some soap.

The seal for disposable bottles does not need replacement. For the gasket of the DIN adapter is recommended to replace every six month (part number 521008).

The pressure reducer is a device subject to considerable stress due to high pressure with which it works. For safety reasons we recommend replacing it once every 5 years.

Warranty

Dreamsdesign manufactures its products according to the highest quality standards and delivers them free of defects. If the product should malfunction, please contact your local dealer who can provide all the relevant information.

Any warranty service will be free and include the cost of spare parts and repair during the time period of 24 months from date of purchase stated on the tax document issued by the retailer. Before contacting your dealer, please read carefully the instruction manual of the product and the FAQs section.

If the reducer was installed on the machine at purchase, or sold under different name, please contact the manufacturer of the machine.

The warranty is valid only if accompanied by original invoice or receipt, stating the date of purchase and dealer name. The warranty is excluded in all cases of improper handling or inconsistent with the contents of these instructions.

The warranty doesn't cover supplies, gaskets, and other parts which need to be replaced periodically for routine maintenance and cleaning.

Cases where the warranty is invalid:

- The document to prove the purchase was forged or defaced
- The serial number has been defaced, removed or illegible
- The product has been opened, repaired, altered or modified by unauthorized personnel
- The defect was caused by accidental factors, included but not only limited to lightning, floods, fires, misuse, improper installation, use of not complying cylinders, or negligence in general.
- Some changes were made to the product, to make it conform to national or local standards, since they are different from those for which the device was designed and/or constructed. Please verify that the product is suitable for use in the country where you want to use.

Dreamsdesign not responsible for any accidental damage that may involve direct or indirect damages of any kind.

If the guarantee was not applied for one of the cases listed above, the costs of processing the product, repair and carriage will be charged.



<http://www.dreamsdesign.it/instructions/htm>

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