

OPERATING AND MAINTENANCE MANUAL

CE ISO LOW-PRESSURE HOSE ASSEMBLY

XXX(c)YYY(Y)ZZZ(Z)999



Chemieweg 121
1422 DX Uithoorn
The Netherlands
www.vaco2med.com
info@vaco2med.com
T: +31(0)30 6013454
F: +31(0)30 6303708

CE
2797

EN-ISO
5359:2014

CAN/CSA-
Z5359:16

IMPORTANT: SAFETY INSTRUCTIONS

This manual provides you with important information on the hose assembly and should be read carefully to ensure the safe and proper use of this product.

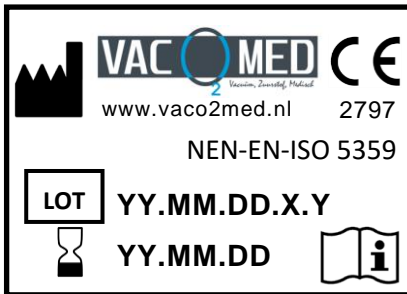
READ AND UNDERSTAND ALL THE SAFETY AND OPERATING INSTRUCTIONS CONTAINED IN THIS BOOKLET.

IF YOU DO NOT UNDERSTAND THESE INSTRUCTIONS, OR HAVE ANY QUESTIONS, CONTACT YOUR DISTRIBUTOR BEFORE ATTEMPTING TO USE THE APPARATUS.

⚠ WARNING: Indicates a potentially hazardous situation, which if not avoided, could result in death or serious injury.

ATTENTION: Indicates a potentially hazardous situation, which if not avoided, could result in minor or moderate injury.

CAUTION: Indicates a potentially hazardous situation, which if not avoided, could result in property damage.



Label on hose assembly:

Contains a registered lot number.

Lot number consists of:

Production date in year.month.day.gastype.code customer

****Manufacturer recommends that the hose assembly be replaced within 10 years from date of manufacture****

This lot number refers to VacO₂med registration, where lot numbers, serial numbers, etc. are registered.



Use no oil.

Receiving inspection

Remove product from package and inspect for damage. Verify that the model received is in working order. If product is damaged, or incorrect do not use. Contact your distributor. After thorough inspection of the product, please note any and all caution and warning labels in this manual.

ATTENTION: It is very important to allow product to remain in original packaging for 24 hours to acclimatize to room temperature before use.

ATTENTION: When storing the hose assembly, ensure it is kept in a sealed package to avoid environmental damage. Store in a clean and dry environment to prevent damage.

ATTENTION: VacO₂med does not guarantee flow rates for hoses over 6.1 meters (20 feet).

User responsibility

This product performs as explained in this manual. This holds true as long as the assembly, use, repair and maintenance are properly followed according to our instructions. Periodic review of this device is recommended. If any damage or defects are present, the product should not be used. This includes parts that may have been altered, contaminated, worn or missing. If any of the above are noted, immediate repair/replacement is required. In compliance with the VacO₂med warranty, repair of this device is not to be performed by anyone other than a VacO₂med trained professional and done in strict accordance to the written instructions provided. If this device is subject to improper maintenance, repair, use and or abuse leading to malfunction of the device, replacement is the sole responsibility of the user.

Undergo a visual inspection every year. It is also recommended that the hose assembly be replaced within 10 (ten) years from date of which it was manufactured.

⚠ WARNING: TO MINIMIZE THE RISK OF EXPLOSION OR FIRE:

- Never attempt to attach a hose assembly directly to a cylinder;
- Never use grease, oil, organic lubricants or flammable materials on or near the hose assembly;
- Never smoke in an area where Oxygen is being used;
- Never use any type of flame or flammable or explosive material near the hose assembly;
- Always follow EN-ISO 5359 and CAN/CSA-Z5359:16 standards for hose assembly and Medical Gas products and Oxygen handling.

Intended use

The hose assemblies are intended for conveying medical gasses or providing vacuum in non-hazardous locations. These products are available in many different styles and combinations, made according to your requirements. They are to be used under the direction of a health care professional.

Specifications

The hose assembly is CE marked and manufactured with medical grade PVC tubing and complies with EN-ISO 5359. The tubing is reinforced with nylon braiding. All ingredients in the formulation of the tube comply with FDA, NFPA 99 en CSA Z305.2 requirements. The maximum working pressure is 200 psi (± 14 Bar) @ 21°C (70°F). The fittings are permanently crimped on each end with ferrules.

⚠ WARNING: Prior to administering medical gases, confirm required gas/suction.

MRI WARNING: Some of the hose assemblies contain magnetic, ferrous material that may affect the result of an MRI. Check with your distributor for MR conditional availability.

Operating instructions

1. Inspect the hose assembly for damage. If any is found, do not use the hose assembly.
2. Connect the hose assembly to the correct mating gas specific outlet. The hose assembly is gas specific according to the fittings permanently crimped on.

CAUTION: It is recommended to place the connector in 'park-position' after use, to release pressure on the hose assembly when not in use.

ATTENTION: Only people that have been properly trained on the use of the hose assembly, and have been instructed to, should use this product. Keep the hose assembly in a clean area when not being used. Ensure that all connections are tightened and free of leaks prior use. Use only an Oxygen-safe leak detector when testing for leaks. DO NOT gas sterilize with ETO. DO NOT clean with pungent hydrocarbons.

ATTENTION: The flow may be affected by the attachment of multiple hoses.

ATTENTION: Connecting to the gas source must be done by using only the appropriately indexed fitting.

CAUTION: Turn the NIST nut only by hand. Do not use a tool.

CAUTION: Make sure hose and connector don't get pressed between wall and inlet.

Cleaning instructions

⚠ WARNING: DO NOT submerge product in any form of liquid. This will cause damage and void the warranty. Wipe outside of product with a clean cloth, which is dampened with a mild cleaning solution. Do not use alcohol containing solutions.

Troubleshooting

Contact your distributor for technical support.

Preventive maintenance

Inspect product prior and after use for damage.

Yearly inspection

Inspect product once a year for damage or visual imperfections. When NIST connector available: inspect Viton® O-ring and replace when necessary. Inspections must be performed by certified technicians.