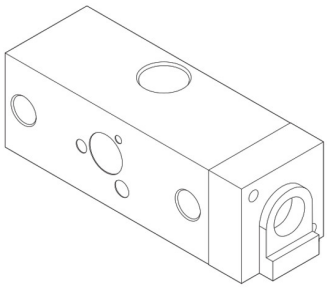
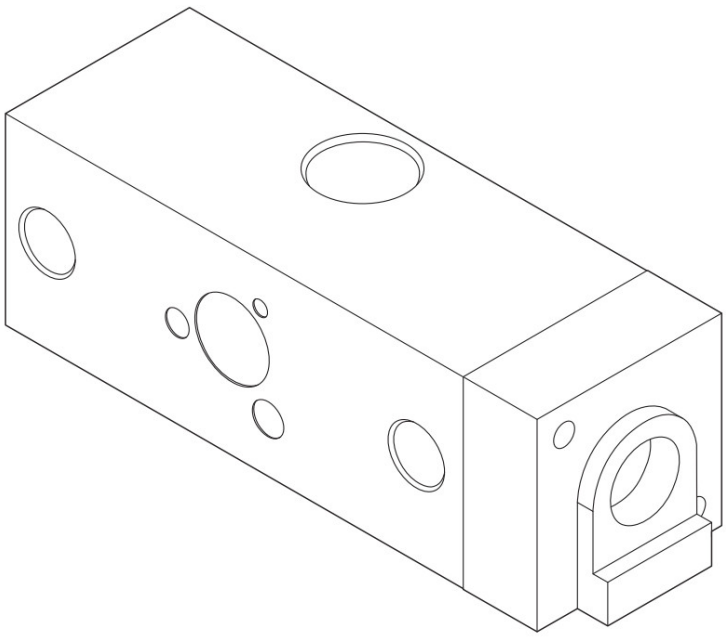


maxtec Blender Buddy BIO-MED DEVICES BLENDER Instructions

Blender Buddy
BIO-MED DEVICES BLENDER
R219M07-004 REV. L



NOTE: The latest edition of this operating manual can be downloaded from our website at www.maxtec.com

CE-0123

Contents

WARRANTY

2-year limited warranty on manufacturing defects.

WARNINGS

DO NOT use substitute parts.

DO NOT use lubricants on o-rings.

- Not for use in MRI environments.
- Carefully read instructions provided with flow meters, as well as this insert, before use.
- For use with air/oxygen blenders only.
- Max pressure is 100 psi.
- Check for leaks and proper function before using on a patient.
- Maxtec assumes no responsibility for any damage or injury caused by improper installation, assembly, or use of this product.
- Replace EPDM o-rings during recommended blender rebuild. Use Maxtec approved o-rings.
- This product should only be used under the proper supervision of a healthcare professional.
- If components are damaged or missing, contact your dealer immediately.
- Clean often using a cloth moistened with 65% isopropyl alcohol/water solution or germicidal wipe.
- Follow all recommendations provided in the manual for the connected blender.

INTRODUCTION

The Blender Buddy is a manifold accessory designed to be attached to an outlet port of the Bio-med Devices air/oxygen blender. From the blender outlet port, the air/oxygen mixture passes into a primary or a primary and a secondary channel within the Blender Buddy manifold. The primary channel is used to deliver the gas to a set of flowmeters that meter the gas flow by means of control valves. The secondary channel is a small channel that empties into a cavity (port) sized to receive a galvanic oxygen sensor; this port fits the Maxtec line of oxygen analyzers and is used to analyze the oxygen concentration of the air/oxygen mixture to be delivered to a patient. The Blender Buddy can be configured with various sized color-coded flowmeters for customized flow rate delivery to patients. Flowmeters are sold separately.

Indications For Use

The Blender Buddy is intended for use in conjunction with the Bio-med Devices air/oxygen blender. Then Blender Buddy allows the operator of a blender to supply a mixed gas through a set of flowmeters. Blender Buddies designed with bleeds include an extra analyzer port for analyzing the oxygen concentration of the air/oxygen mixture being delivered to a patient.

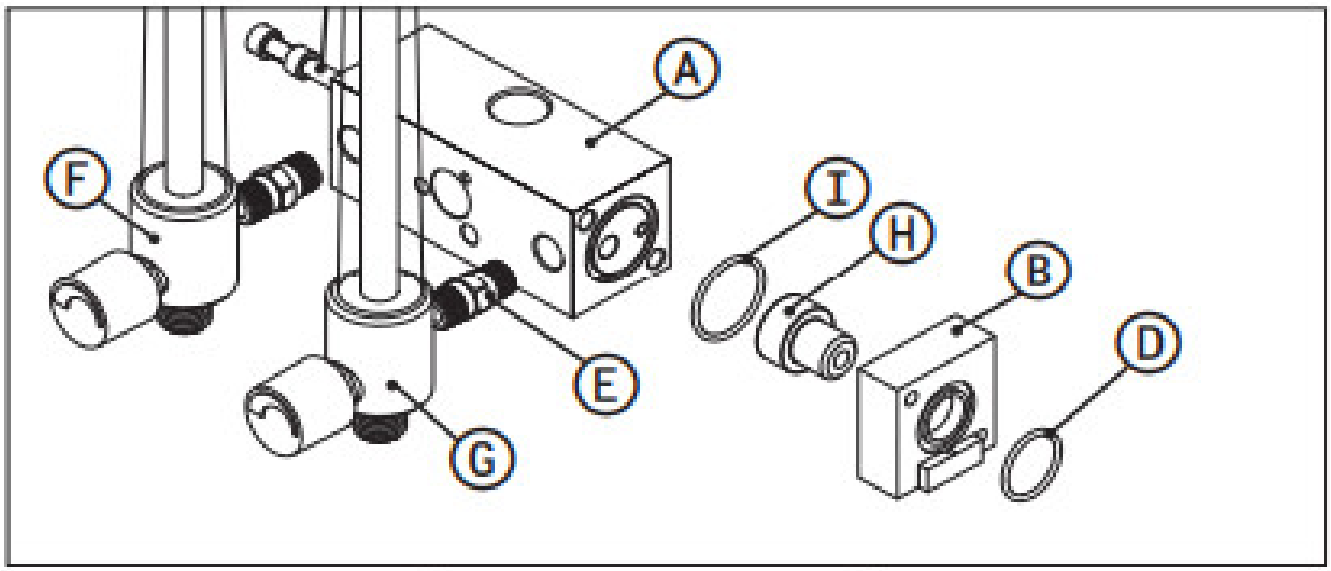
Symbol Guide

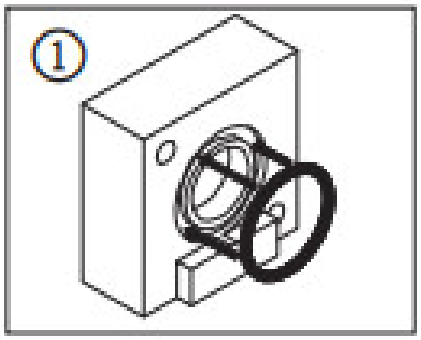
Rx only Federal law (USA) restricts this device is to be sold on or by the order of a physician	Follow instructions for use.
EC REP Authorized Representative in the European Community	Do Not
Manufacturer	Contains no Polyvinyl Chloride
Date of Manufacture	Medical Device
140°F (60°C) -40°F (-40°C) Storage Temperature Range	Not Manufactured with Natural Rubber Latex
MR Unsafe	Warning
REF Catalog Number	LOT Lot Number
MADE IN USA Made in the USA	

INSTRUCTIONS FOR USE

Before assembly verify that the flow meters are the correct flow and gas type according to the labeling on the flow meters. Prior to assembling the Blender Buddy inspect all parts for signs of damage.

1. Be sure the small o-ring D is present around the threads of the short bolt H between the small block B and the blender.
2. Attach the small adapter block B to the left side of the blender using the short bolt H and provided Allen Wrench (No thread tape is necessary). Remove any fittings from the left side outlet if necessary. *Skip to Step 9 if flow meters are already attached.
3. Wrap both threaded ends of the pipe nipples E with thread tape (1-1/2 wraps).
   Use caution to ensure the tape does not occlude the fittings.
4. Use a 7/16″ wrench to tighten the pipe nipples E into the threaded holes of the flow meters F G .
5. Tighten one assembled flow meter G into one of the threaded holes on the large block A . Use caution to ensure the flow meter is mounted vertically.
6. Remove the clear flow tube and shield from the other flow meter F . Note how the flow meter components are arranged for reassembly in a subsequent step. Use caution to prevent contamination from entering the disassembled flow meter.
7. Tighten the disassembled flow meter F into the other threaded hole in the large block A.
8. Reassemble the flow meter F . Use caution to ensure the flowmeter is mounted vertically.
9. Insert large o-ring I into the o-ring groove of the large block A.
10. Verify white bleed control plug is inside the port of the large block.
11. Attach large block A too-small block B with the two long screws C.
12. Supply gas to the blender and check for leaks and proper function.


A
F
I
H
B
D
E
G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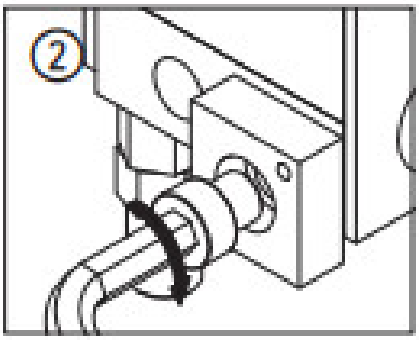
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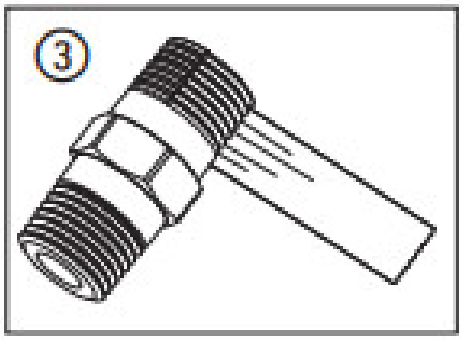
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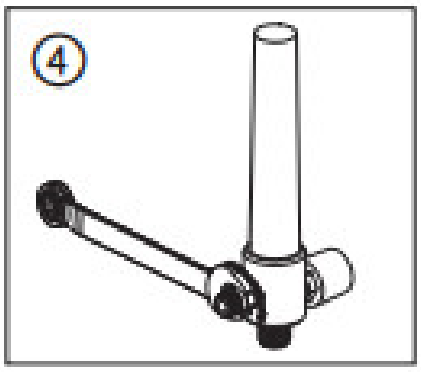
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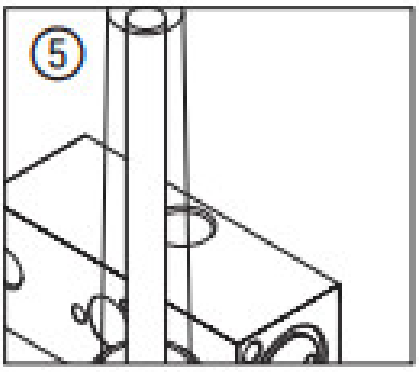
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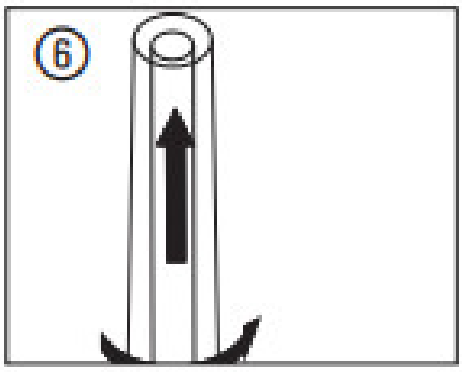
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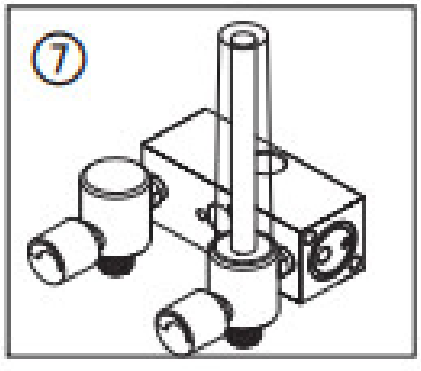
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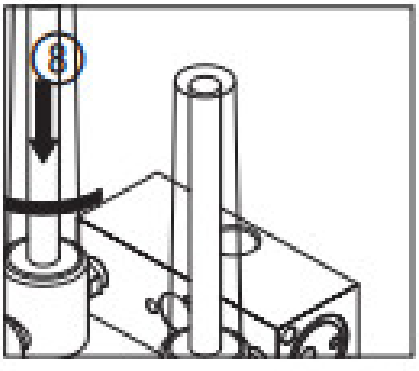
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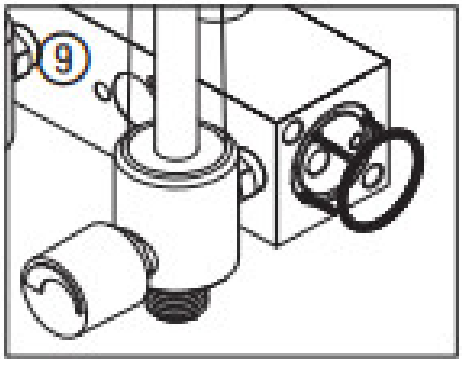
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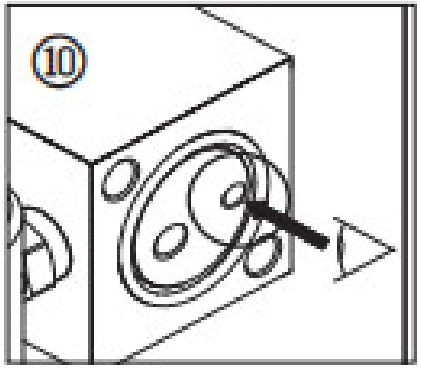
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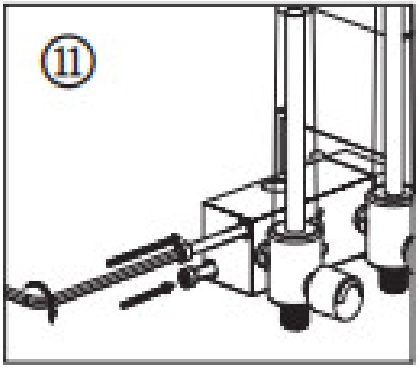
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NOTE: The blender buddy is designed for use on the primary port (left side) of a blender. The blender buddy has a 3 lpm continuous bleed built into the manifold of the device. When properly installed on the left side of a blender the blender buddy's bleed ensures accuracy of flow from the primary port at low flow rates, i.e. less than 3 pm and is equal to the low flow accuracy of the auxiliary port on the right side of the blender. For use with the following models:

- Bio-med Devices Blenders (2003, 2004)

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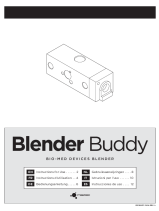
Documents / Resources

	maxtec Blender Buddy BIO-MED DEVICES BLENDER [pdf] Instructions Blender Buddy, BIO-MED DEVICES BLENDER

References

- Maxtec | The leader in oxygen analysis and delivery products
- Maxtech - Tehokkuutta, kasvua ja kannattavuutta toiminnanohjauksella