



Blue-Zone Technologies

SUSTAINABLE ANESTHESIA RECOVERY™

Deltasorb® Canister

Anesthetic Gas Filter

Instruction For Use

Intended Use

The Deltasorb® canister device is a gas filter intended to remove waste anesthetic gases (WAG) from operating rooms and intensive care units, including mobile and ambulatory treatment areas.

Recommended use is independent of the type of Anesthetic Gas Machine (AGM) used. The device selectively captures Desflurane, Isoflurane, and Sevoflurane. The Deltasorb® canister should be used in combination with the standard mounting bracket provided to enable proper operation of the device.

Device Description

Deltasorb® is a filter device consisting of a canister which contains Blue-Zone's proprietary adsorbent, Deltazite®, for the capture and removal of all commonly used halogenated anesthetic gases, Desflurane, Isoflurane and Sevoflurane. The device includes ports which enable the connection to the exhaust of an AGM on one end (inlet) and the Anesthetic Gas Scavenging System (AGSS) (outlet) on the other end. When full, each canister holds between 350 ml and 650 ml of anesthetics depending on canister size.

Getting Started

- Inspect the Deltasorb® Canister and the provided accessories:
 - A. Mounting bracket.
 - B. Hose and adaptor (if required) from AGM to canisters.
 - C. Hose and adaptor from canister to AGSS (if present).

To attach to the AGSS line:

- Uncap both ends of the new canister.
- Carefully install the canister vertically into the mounting bracket.
- Place the AGSS adapter and hose assembly on the inlet of the canister.
- Place the AGSS adapter and hose assembly on the outlet of the canister.
- Ready to use.

To detach from the AGSS line:

- Carefully remove the AGSS connections from both ends of the canister.
- Cap the canister at both ends until next use.



To change out the used canister for the new canister:

- Carefully remove the used canister from the mounting bracket.
- Re-cap both ends of the used canister.
- Peel-off the label from the used canister to differentiate from new.
- Uncap both ends of the new canister and attach it to the AGSS line as per above.
- Ready to Use.

Note:

- Do not open, test, or lend Deltasorb® canisters – See Special Provisions below.
- If available on the AGM, a one-time set-up of a 3 liters reservoir bag to the scavenging block recommended to control gas flow downstream of the make-up air prior to Deltasorb® canister/adsorbent system.

Special Provisions:

All Deltasorb® canisters remain the property of Blue-Zone and the canisters and the contents thereof are the proprietary property and confidential information of Blue-Zone. Deltasorb® canisters are only to be used in accordance with this agreement and procedures developed hereunder and, for greater certainty, are not to be tampered with, opened, tested, or lent to or used by any third party. Any damage to, loss of, or other issue with a Deltasorb® canister(s) is to be reported to Blue-Zone immediately.

Blue-Zone's canisters' use is restricted to institutes that use desflurane, sevoflurane and/or isoflurane inhalation anesthetics. It is also restricted to institutes that use approved in-line breathing filters in anesthesia circuit for bacterial/viral protection & follow filter replacement schedule. During institutes' participation in the Collection of Scavenged Anesthetic Gases Service Program, Blue-Zone and designated anesthesia personnel at each institute site will confirm and maintain the information on type of inhalation anesthetic and type & use of in-line breathing filters in anesthesia circuit current.