

The Facts

A mid-sized hospital's annual emissions of inhalation anesthetics into the atmosphere...

equates to roughly **400 cars...**



offset by **125,000 Trees...**



or...

Deltasorb
ANESTHETIC
COLLECTION
SERVICE



Why Choose Blue-Zone?

1. Canadian pioneers raising awareness of waste anesthetic gases, and leading the worldwide movement to Prevent the Vent® for once and for all
2. Award winning Greening Anesthesia® technology referenced in many journals and publications
3. Globally unique patent to capture and recover halogenated anesthetics for Cradle-to-Cradle® life cycle stewardship
4. Cost-effective, adaptable and scalable for installation in individual operating theatres (Deltasorb®) or in central locations (Centralsorb®)
5. Trusted provider of Greening Anesthesia® Solutions for over a decade

Call (905) 761-1224
or visit blue-zone.ca

Search on **YouTube** for:
Deltasorb® Anesthetic Recycling Technology

Blue-Zone Technologies Ltd.
Vaughan, Ontario, Canada
email: health@blue-zone.ca
www.blue-zone.ca

Deltasorb® • Centralsorb™
ANESTHETIC COLLECTION SERVICE

Where is your vented ANESTHETIC WASTE going?



Prevent the **VENT®**

Capture toxic
greenhouse gas
emissions

Saving our neighbourhoods... every day!®

blue zone®

Greening Anesthesia® SOLUTIONS

Saving our neighbourhoods... every day!®

blue zone®

Greening Anesthesia® SOLUTIONS

STOP venting toxic anesthetic waste into the atmosphere!

Deltasorb® • Centralsorb™ ANESTHETIC COLLECTION SERVICE

Did you know...

95% of delivered anesthetic gases from hospital ORs are vented outdoors

- Causes adverse impact on air quality; emitted daily
- Seven times heavier than air, drops and lingers at ground level

Vented anesthetic gases are halogenated ethers

- Toxic and potentially lethal when inhaled
- Treated as an Occupational Health and Safety Hazard in ORs

Waste anesthetic gases have significant impact on climate change and are expected to double over the next decade

- Greenhouse gases up to 3,766 times more potent than CO₂
- Emissions by an average hospital are equivalent to 400 cars annually
- To offset emissions, an average hospital would need to plant 125,000 trees every year
- In 2013, added to the Environmental Protection Agency 'watch list'

Deltasorb®/Centralsorb™ Anesthetic Collection Service captures and recovers anesthetic waste into usable product

- Only proven, viable Cradle-to-Cradle® solution for complete anesthetic life cycle stewardship

Complete solutions for capturing and recovering anesthetic waste

Prevent the VENT®

- Industry standard to prevent the exhaust of waste anesthetic gases
- Uses Deltazite® to selectively adsorb each anesthetic gas from the waste stream prior to exhaust to outdoors
- No capital outlay, limited system retrofits required
- Simple integration with existing scavenging exhaust systems
- Low-maintenance, "out of the box" answer to anesthetic pollution

Greening nesthesia® SOLUTIONS

- Capture and recover anesthetics
- Immediate anesthetic emission reduction - monitored and reported regularly
- Hospital accreditation benefits

Cradle® STEWARDSHIP

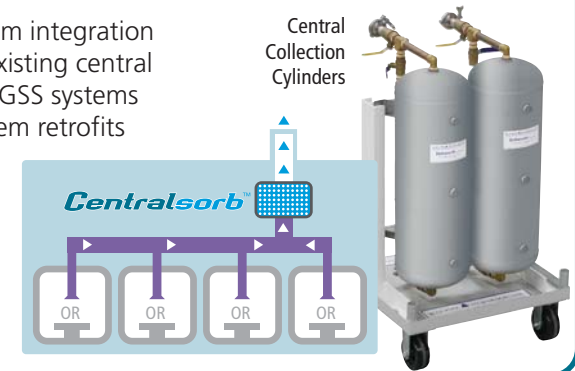
- Captured waste anesthetics are extracted from the Deltazite® and processed into new, medical grade generic anesthetic drugs

Simply adds on to existing Scavenging System

Centralsorb™

ANESTHETIC COLLECTION SERVICE

- Simple system integration add-on to existing central WAGD or AGSS systems
- Limited system retrofits required
- Seamless installation



Easily installed right in the Operating Room

Deltasorb®

ANESTHETIC COLLECTION SERVICE

- Portable canister installed in-line with the anesthetic gas machine exhaust
- Adopted standard among leading surgical facilities
- No retrofit required
- Seamless installation



blue zone®

Deltasorb® • Centralsorb™

Leading Technologies for Health, Business and the Environment

Install Deltasorb® or Centralsorb™ Anesthetic Collection Service at your hospital,
Call (905) 761-1224 or visit www.blue-zone.ca