

Single-use medical plastics like **breathing circuits** are rarely recycled and mostly incinerated or landfilled, driving CO₂ emissions.

Healthcare accounts for **4.4%** of global emissions, with plastics as a major source^[1].

By 2030, plastic-related **CO₂** is expected to reach **1.34 billion tons** - a rising environmental threat^[2].



BioVent-Circuit™ – The First Sustainable Choice To Reduce CO₂ While Saving Lives

84%

sugarcane-based material

Reduced CO₂ Footprint

157-177%

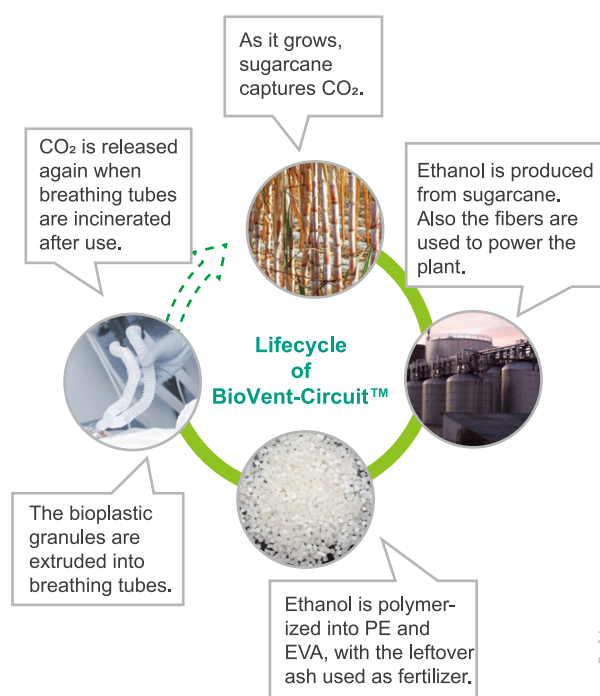
(w/ biogenic)



NEW BioVent-Circuit™

GaleMed is redefining respiratory care
with sustainability in mind.

- ✓ **Proven Carbon Reduction:** Saves up to 1 kg of CO₂ per circuit (based on a 1.8 m circuit, cradle-to-gate).
- ✓ **Eco-Friendly Materials:** Made from sugarcane-based bioplastic aligned with the biogenic carbon cycle.
- ✓ **Supports Scope 3 Carbon Goals:** Offers hospitals a solution to support climate action initiatives and sustainability-oriented procurement.
- ✓ **Versatile Clinical Use & Universal Compatibility:** Compatible with a wide range of clinical scenarios and fits standard international connectors.
- ✓ **Single-Patient Use:** ISO 10993 compliant for biocompatibility and patient safety.



Order Information

Standard Breathing Circuit

REF	Application	Elbow	Wye	Inhale	Exhale	QTY
AB0437	Adult	22/15 with Luer	22/15, 22M	1.5 m, 22F	1.5 m, 22F	15 pcs/ctn
AB0466	Adult	22/15 with Luer	22/15, 22M	1.2 m, 22F	1.2 m, 22F	15 pcs/ctn
AB0467	Adult	22/15	22/15, 22M	1.8m, 22F	1.8m, 22F	15 pcs/ctn

Coaxial Breathing Circuit

REF	Application	Elbow	Inner Tube	Exhale	QTY
AB0445	Adult	22/15 with Luer	1.8 m, 15F	17-40 cm (Expandable)	15 pcs/ctn
AB0468	Adult	22/15 with Luer	1.5 m, 15F	17-40 cm (Expandable)	15 pcs/ctn

*Additional specifications and lengths coming soon. Contact sales@galemed.com for details.



GaleMed Corporation (International Sales HQ)

5F, No. 209, Sec. 1, Fuxing S. Road, Da-an District., Taipei 106, Taiwan
Tel: +886 2-8791-9348 Fax: +886 2-2794-9259
E mail: sales@galemed.com Website: www.galemed.com



Specifications are subject to change without prior notice.

1. HEALTH CARE'S CLIMATE FOOTPRINT BY HEALTH CARE WITHOUT HARM.

2. Borgstein EH, Wade F, McCulloch M. Sustainable healthcare systems: A socio-technical perspective on healthcare decarbonization.

J Clean Prod. 2020;261:120138. doi:10.1016/j.jclepro.2020.120138