

PRODUCT DATA SHEET

BIOMARINE BIOPAK 240R CCSR REBREATHER

Description

BioPak 240R boasts a cutting-edge, streamlined design offering extended protection in high-stakes scenarios. It's essential for HazMat responses, tunnel and mine rescues, high-rise emergencies, and more. This positive-pressure, closed-circuit BA stands out as a vital tool for rescue teams tackling missions where conventional SCBAs duration will not suffice.

Superior Design



4-Hour Duration

Designed, tested, and approved for up to 4-hour missions, all backed by proven real-world experience.



Fiber-Reinforced Polymer

The stainless steel fiber-reinforced outer housing is designed to be tough for the harshest conditions, yet lightweight.



Customisable

Customisable to meet the specific needs of your mission set or industry requirements.



Global Approvals

The BioPak 240R holds global approvals, ensuring compliance with international safety standards for reliable performance worldwide.

Ultimate Simplicity



Easy to Use

Designed for easier operation and maintenance.



Quick Change Cooling

Easily change out ice canisters at any time.



No Mandated Rebuilds

Keep maintenance costs down with no factory mandated replacement parts or overhauls.



Scrubber

Factory-packed CO2 Scrubber for 'Load and Go' safety and convenience.



Easy Benching

50% reduction in turn-around time after each use.

Proven and Safe



Flame-Resistant

Expertly engineered for safety, the flame-resistant BioPak 240R meets the highest standards, with its facemask, hoses, and harness certified to EN 136 and EN 145, ensuring robust protection.



Dual Monitoring System

Designed with both a pneumatic gauge and electronic display, BioPak 240R's dual monitoring system ensures a redundant safety measure, offering enhanced protection and reliability in high-risk environments.



Intrinsic Safety

Rated for intrinsic safety, it meets stringent standards to prevent ignition risks, ensuring dependable performance in hazardous environments.



Streamlined Safety

Featuring reduced tubing and connections, this design minimizes potential leak points and improves safety by simplifying the system for more reliable performance in demanding environments.

Essential Comfort



Lowest Breathing Resistance

Featuring the lowest breathing resistance, the BioPak 240R ensures easy, unrestricted airflow, reducing fatigue and enhancing comfort during extended use, especially in demanding environments.



Effortless Mobility

Crafted with a lightweight, ergonomic, body-contoured design, the product enhances comfort and ease of movement, making it ideal for effortless operation even in challenging environments.



Engineered Comfort

Engineered for long-term wear, Biomarine's product ensures lasting comfort, allowing you to wear it effortlessly for up to 4 hours without discomfort.

Specifications

Duration of Use	Rated: 4 hours - per EN 145 and NIOSH Certification
Weight	Ready for use: 15 kg (33 lbs)
Dimensions	H x W x D: 584 x 439 x 178 mm (23 x 17.3 x 7 in)
Operating Temperature	-5°C to 40°C (23°F to 104°F)
Tidal Volume	6 Litres
Oxygen Delivery	Constant Add: 1.8 lpm average Demand Add: 80 lpm minimum Bypass Add: 80 lpm minimum
Oxygen Cylinder	3000 psig (440L @ 207 Bar) Oxygen Carbon Composite Construction
Mandatory Rebuild/Replacements	None
Approvals	NIOSH and MSHA EN 145 IECEX ATEX India - DGMS

