ECO PHYSICS

Bacteria Filter 308-138 (Replacement filter for 308-085)

The filter has several advantages compared to the previous one in regards of dead space, resistance, and filtration efficiency. Firstly, the dead space of the filter is now smaller, therefore the risk of rebreathing carbon dioxide is reduced. Secondly, the respiratory resistance is now smaller, which makes breathing easier. Thirdly, the new filter offers better filtration efficiency, which means that the patient is better protected against bacterial and viral contamination.

- High efficiency
- Low breathing resistance
- Low dead space
- Effective protection

Version	STRAIGHT
Method	Electrostatic
Housing Material	Polypropylene
Media	Blended Synthetic Fibre
Filtration Efficiency BFE	99.99995%
Filtration Efficiency VFE	99.99985%
Resistance @ 30L/min	99 Pa
Resistance @ 60L/min	231.6 Pa
Resistance @ 90L/min	419.8 Pa
Tidal Volume Range	90-1500 ml
Effective Filtration Area	27.34 cm²
Filter Efficiency	99.99%
Dead Space	21 ml
Connections	22M/15F - 22F/15M
Sampling Port	Yes
Pyrogenicity	<0.25 Eu/ml
Weight	25 g
Dimensions	h. 67.2 mm; w. 68.5 mm
Operating Temperature	5°C - 40°C
Storage Temperature	0°C - 55°C
Recommended Use	24 h

	Previous Bacteria Filter M30.8085	New Bacteria Filter M30.8138
Dead space [ml]	30	21
Respiratory resistance [Pa/(l/s)]	>260	198
Filtration efficiency	99.999%	>99.99985%

Nov 2020

ECO PHYSICS, INC. 3915 Research Park Drive, Suite A-3 Ann Arbor, MI 48108-2200
Tel. (734) 998-1600 Internet: www.ecophysics-us.com E-mail: sales@ecophysics-us.com