

> PRODUCT CATALOGUE 2019



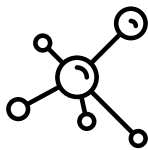
the **Breath**® is a simple and revolutionary system, a fabric capable of adsorbing and breaking down polluting molecules in the air. A low environmental impact technology, designed for indoor and outdoor environments, it exploits the natural movement of the air to purify it.

the **Breath**® product can be used creatively in a wide variety of ways, for example as artwork or desk screens, to help purify the air and create healthier work, home or leisure environments.

How does it work?

The air passes through the mesh of the fabric, where the heart of the technology, a core activated by nanomolecules, captures and breaks down pollutants. The air is recirculated, returning to the environment much cleaner and friendlier to breathe in.

the **Breath**® is composed of three different levels, three layers that work in synergy to ensure a 360° cleaning action:



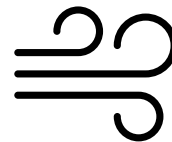
Adsorbent action

Attracts polluting molecules inside its fibrous structure, preventing them from being released.



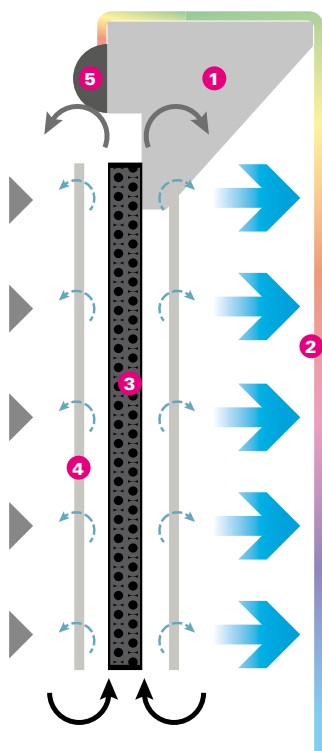
Bactericidal action

Systematically reduces the bacterial load in contact with the fibre.

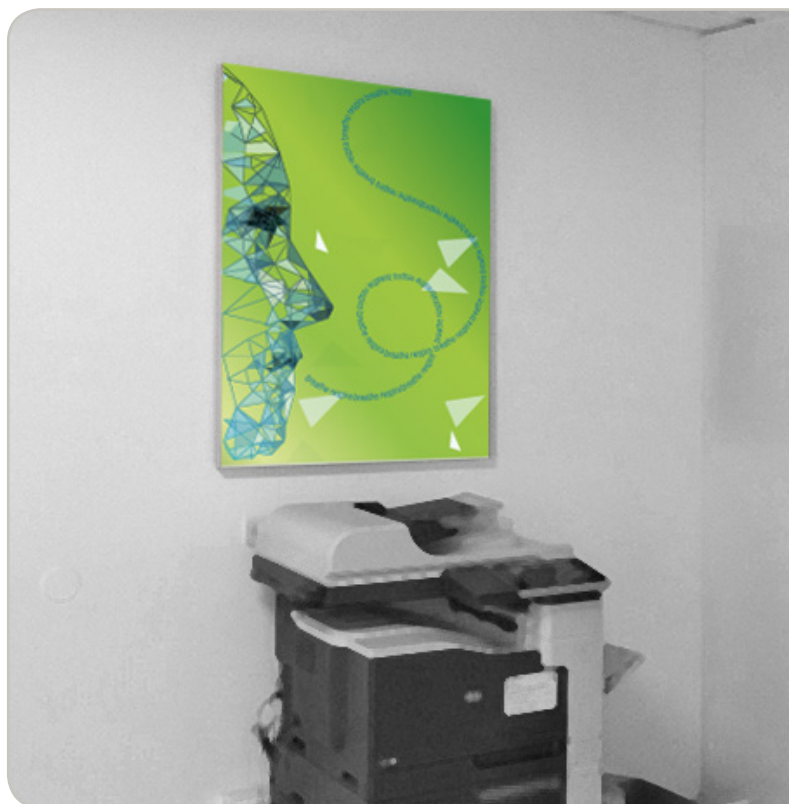


Anti-odour action

The system is not limited to covering or mitigating odours, but absorbs them.



- 1** wooden (hidden) frames
- 2** bactericidal printed fabric
- 3** carbon cartridge
- 4** bactericidal fabric
- 5** spacer for air recirculation



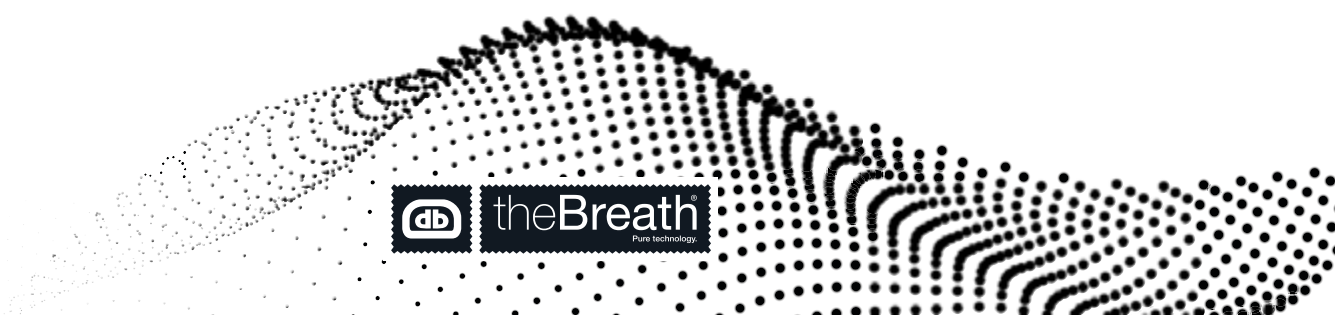
Designed to protect health

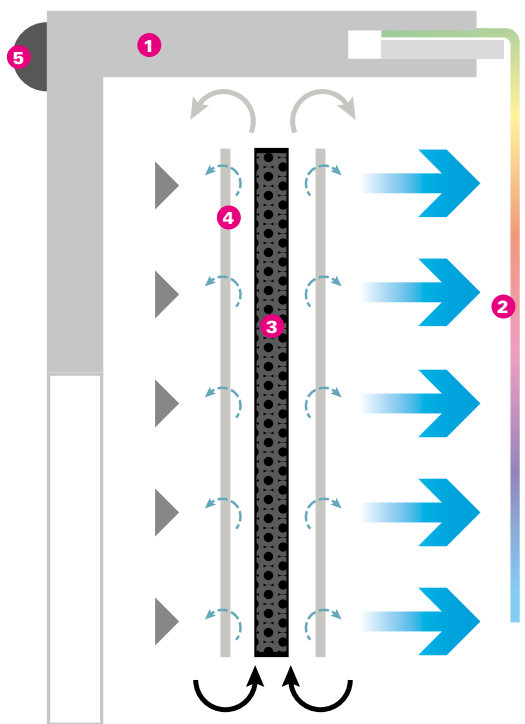
The bactericidal fabric, finely printed with water-based and solvent-free inks, is cleverly stretched over invisible wooden frames to create an illusion of a piece of artwork.

The carbon cartridge, at the end of its cycle (starting from the 19th month), can easily be requested and replaced. This is done without the use of tools, as it is anchored to the frame by means of male/female Velcro.

It is provided with a hanger/hangers so it can easily be fixed to the wall.

formats	thickness	formats	thickness
40x80cm	35mm	70x140cm	35mm
50x50cm	35mm	90x120cm	35mm
50x70cm	35mm	100x100cm	35mm
50x100cm	35mm	120x120cm	35mm
70x70cm	35mm	120x240cm	35mm
70x100cm	35mm		





- 1 aluminium profile
- 2 bactericidal printed fabric
- 3 carbon cartridge
- 4 bactericidal fabric
- 5 spacer for air recirculation

formats	finish	thickness
40x80cm	aluminium/black	25/50mm
50x50cm	aluminium/black	25/50mm
50x70cm	aluminium/black	25/50mm
50x100cm	aluminium/black	25/50mm
70x70cm	aluminium/black	25/50mm
70x100cm	aluminium/nera	25/50mm
70x140cm	aluminium/black	25/50mm
90x120cm	aluminium/black	25/50mm
100x100cm	aluminium/black	25/50mm
120x120cm	aluminium/nera	25/50mm

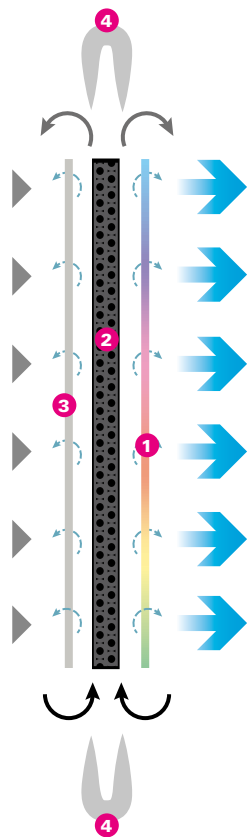


Elegant frame visible only in its thickness

The bactericidal fabric, finely printed with water-based and solvent-free inks, is simply inserted into the groove of the frame by means of a silicone strip sewn onto the perimeter of the printed fabric. It has a practically unlimited shelf life, because it is easy to change both the carbon cartridge but also the printed fabric.

As well as aluminium and black, the frame can also be supplied in many other RAL colours on request. The carbon cartridge, at the end of its cycle (starting from the 19th month), can easily be requested and replaced. This is done without the use of tools, as it is anchored to the frame by means of male/female velcro.

It has holes and special hooks for wall mounting.



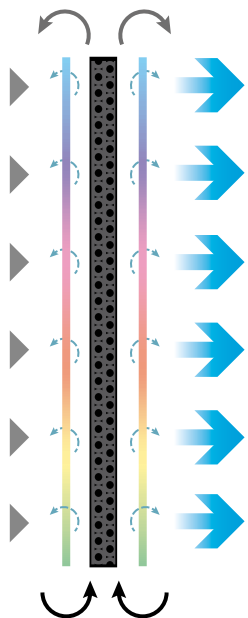
- 1 bactericidal printed fabric
- 2 carbon cartridge
- 3 bactericidal fabric
- 4 upper and lower closing profile

formats	
45x50cm	70x140cm
50x70cm	95x120cm
70x70cm	145x145cm
70x100cm	145x200cm



Patented theBreath in its purifying essence

Trilayer: the fabric and cartridge are simply inserted between two strips. A special printing technique, specially developed, makes it possible to achieve the high definition required to show finer details. Economical but effective, it is particularly suitable for educational centres, schools and hospitals. It can also be supplied with double-sided printing (price on request). It has a hole for easy wall mounting.



- 1 bactericidal printed fabric
- 2 carbon cartridge
- 3 bactericidal printed fabric

standard format
mm 65x105

*It can be realized in any
format required*

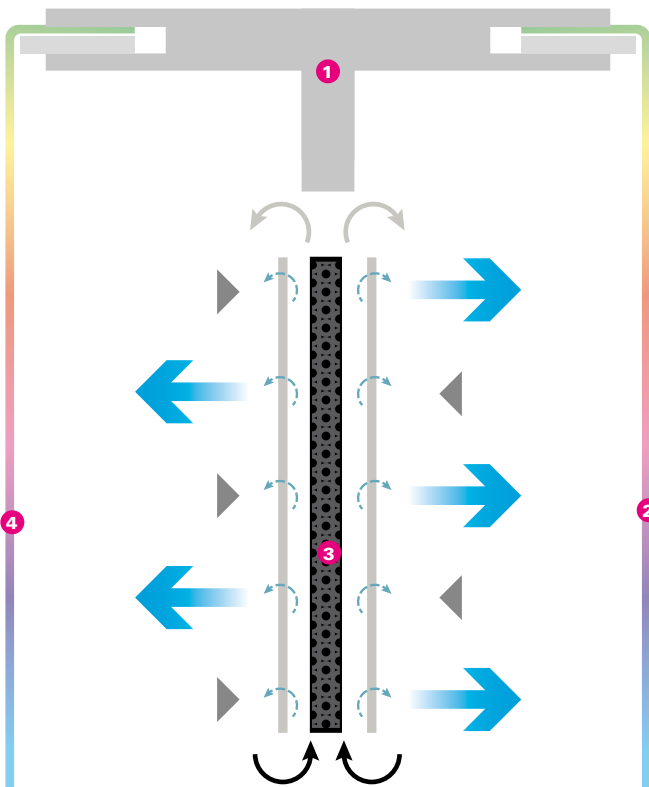


**Car-gadget with
air cleansing technology**

theBreath car-hanger: fabric and cartridge with double side printed. Useful to promote brands and products and to share missions and concepts. Effective for sure; **it would be silly to receive it and not to use it!**

> SELF-SUPPORTING DOUBLE-SIDED TOTEM

100x200cm



- 1 aluminium profile
- 2 bactericidal printed fabric
- 3 carbon cartridge
- 4 bactericidal printed fabric

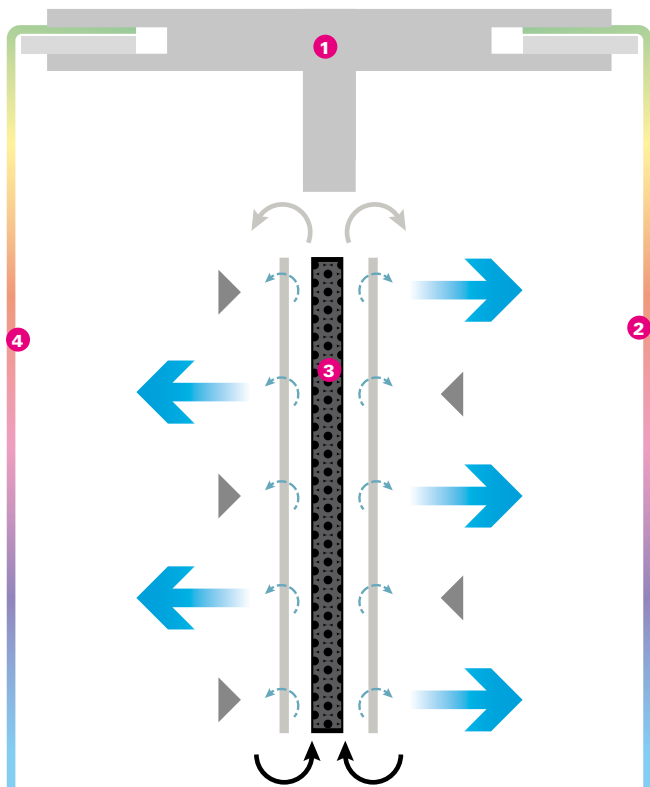
A purifying lung for large spaces

Elegant unit with aluminium frame visible only from the side.

The bactericidal fabric, finely printed with water-based and solvent-free inks, is simply inserted into the groove of the frame by means of a silicone strip sewn onto the perimeter of the printed fabric. It has a practically unlimited usage shelf life, because it is easy to change both the carbon cartridge but also the printed fabric. As well as aluminium and black, the frame can also be supplied in many other RAL colours on request.

The carbon cartridge, at the end of its cycle (starting from the 19th month), can easily be requested and replaced. This is done without the use of tools, as it is anchored to the frame by means of male/female velcro.

> DOUBLE-SIDED PARTITION PANEL 160x30cm



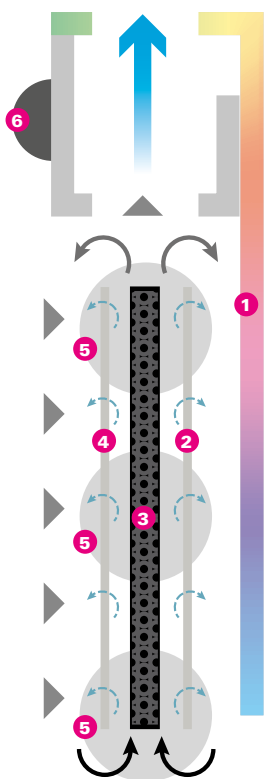
- 1 aluminium profile
- 2 bactericidal printed fabric
- 3 carbon cartridge
- 4 bactericidal printed fabric

Privacy and health on your desk

Elegant frame visible at the edge. Increased base side with 10 cm "U" profile with shockproof function. The bactericidal fabric, finely printed with water-based and solvent-free inks, is simply inserted into the groove of the frame by means of a silicone strip sewn onto the perimeter of the printed fabric. It has a practically unlimited usage shelf life, because it is easy to change not only the carbon cartridge but also the printed fabric.

As well as aluminium and black, the frame can also be supplied in many other RAL colours on request. The carbon cartridge, at the end of its cycle (starting from the 19th month), can easily be requested and replaced. This is done without the use of tools, as it is anchored to the frame by means of male/female velcro.





- 1 printed kapa structure
- 2 bactericidal printed fabric
- 3 carbon cartridge
- 4 bactericidal printed fabric
- 5 holes for air recirculation
- 6 spacer for air recirculation

Technology at the service of health

Canvas made entirely of 5 mm KAPA: composite material with perfectly printable surfaces and polyurethane foam core.

The photographic resolution makes it ideal for reproducing photos, calendars and abstract images. Its design, which unites the well-researched aeration technique with fine aesthetics, makes it very effective for decorating modern environments.

The carbon cartridge, at the end of its cycle (starting from the 19th month), can easily be requested and replaced. This is done without the use of tools, as it is anchored to the frame by means of male/female velcro. It has a hole for easy wall mounting.

formats	thickness	formats	thickness
40x75cm	40mm	70x125cm	40mm
50x50cm	40mm	90x120cm	40mm
50x70cm	40mm	100x100cm	40mm
70x70cm	40mm	120x120cm	40mm
70x100cm	40mm		

Description

Wrap/filter perimeter membrane, 100% fabricated in polyester fabric, modified with bacterial contact abatement-activated molecules, made for the internal containment of the adsorbent material composed of a carbon mesh. The structure thus constituted, allows for a solid external construction that covers the adsorbent part contained within the carbon mesh.

The exterior coating made of polyester fabric allows a first degree filtration of nano-particles, in order to use the internal carbon-based technology just for the micro-polluting molecules, present in the area adjacent to. The term bactericidal fabric was coined as a result of tests performed by San Raffele Hospital and San Donato Hospital.

Composition

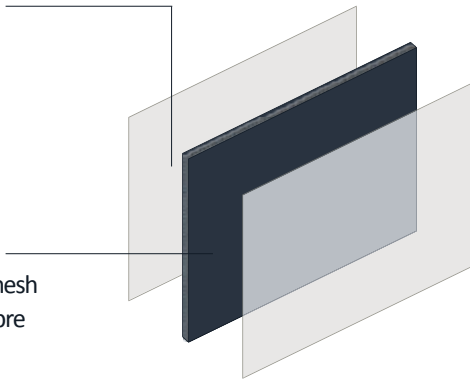
Composition and physical-chemical characteristics

External Layers

100% polyester fibre

Core Layer

Activated carbon mesh
100% polyester fibre



Functioning

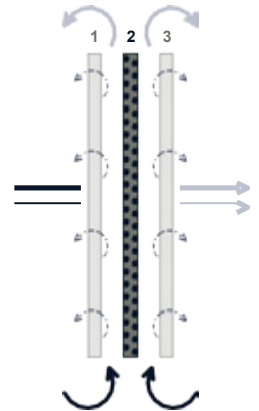
The air with its natural flow passes through the 3 layers becoming purer and more breathable.

The **Breath®** fabric is made of 3 levels that work together in synergy:

Front and back layer:

Printable and bactericidal. They help air transpiration. Washable only with water.

Core layer: a carbon mesh that adsorbs, traps and disaggregates pollutants molecules and bad smells. Not washable.



Properties



Innovative



Adsorbent



Anti-odour



Bactericidal



Zero emissions

Effectiveness of operation

VOC (Volatile Organic Compounds)

Toluene (C ₇ H ₈)	> 97.2%
Heptane (C ₇ H ₁₆)	> 96.8%
Formaldehyde (CH ₂ O)	> 92.2%
Benzene (C ₆ H ₆)	> 62.0%

Sulphure Oxide (SO₂)

	> 91.5%
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Nitric Oxide (NO₂)

	> 86.8%
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Ozone (O₃)

Continuous reaction in the atmosphere

* The effectiveness of the product to guarantee operation has been tested in accordance with the following standards:
UNI11247
ANSI/AHAM AC-1-2002
ISO 16000-9**

**The results obtained from the static release tests, realized in laboratory according to the methods specified in ISO 16000-9, indicate a post-adsorption release of the above-mentioned compounds, far below the limit, within the reference norms.

Characteristics

Weight m² from 450 to 800g 	Measure max 1,5x80m	Thickness From 35 to 5mm 
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Temperature of use -30°C +100°C 	Fire reaction 	Air permeability 
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In this temperature range the chemical-physical characteristics are not altered.

Alternative products:
a) ITALIAN: class I (UNI 9177) corresponding to EUROPEAN (EN 135001-1) class B
b) ITALIAN: class III (UNI 9177)

>1700lm²/s @ 200Pa (En ISO9237)

Colour  White Black White	Odour  Odorless
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Disposal

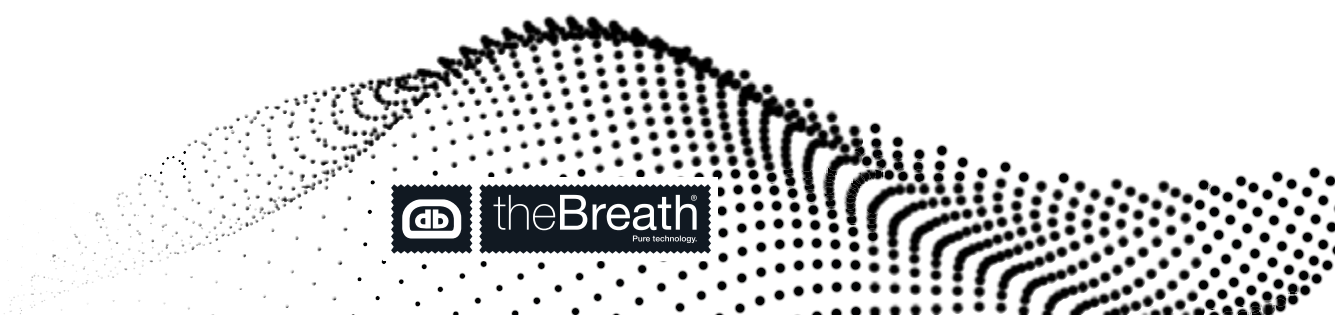
In Italy, at the end of its useful life the cartridge must be disposed of according to current regulations, pursuant to Legislative Decree 152/06.

For countries other than Italy, the product must be disposed of according to the regulations in force in the country of reference. The product can not be disposed of with household waste.

Usage Life

Carbon mesh duration: **18 months***

*To be redefined in case of particularly heavy use



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