

AirQueen Breeze Mask

N95, FDA, CE, FFP2 Certified Respirator Mask

Anti-Viral, Anti-Bacterial, Breathable, & Ergonomic

Solutions

AirQueen Breeze Mask is...

1. Designed for **general consumers and public use**. (individually packaged, easy to carry in pockets and bags)

2. Completely **blocks** particles as small as **1 µm** while Bacteria are 3-10 µm.

3. **Wicks moisture**, maintaining its 95% protection up to 24 hours. Even talking, spitting, and forced breathing do not reduce its efficacy.

4. **Breathable & Anti-Bacterial** as it ventilates air, oxygen, carbon dioxide, using FDA-approved nano-membrane filter.

5. **Ergonomically designed**, so it's easy to wear for extended hours.



Problems

The Conventional N95 face masks have the following problems:

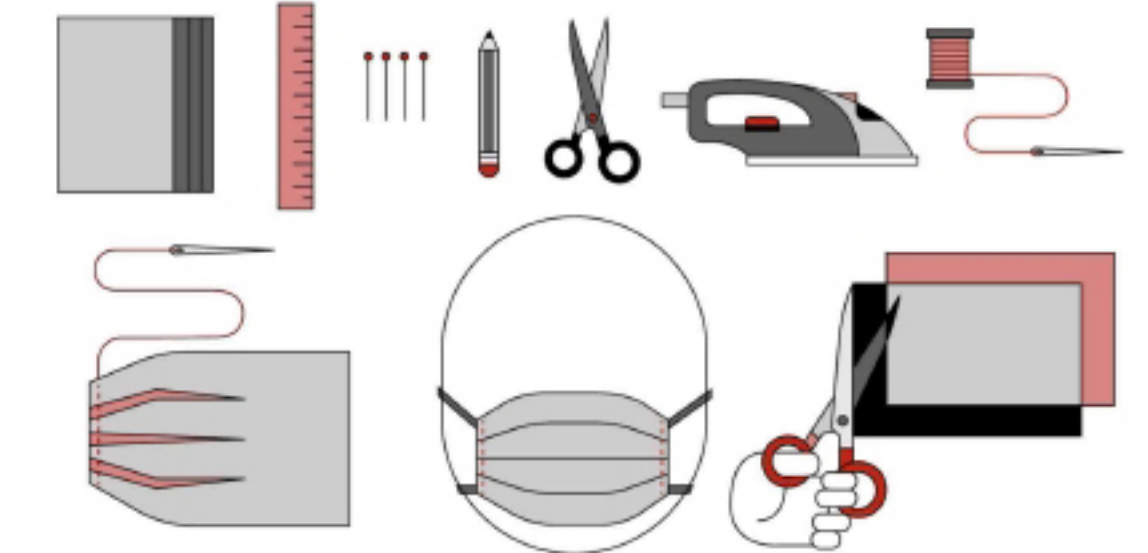
1. N95 is for **medical professionals**. (packaged in bulk, usually in 10s or 20s)

2. **Bacteria** is as small as **3 µm**. N95, dental masks, and DIY cloth masks are inadequate to protect us from virus.

3. **Susceptible to moisture** from breath (lose its filtration efficacy in 4 hours).

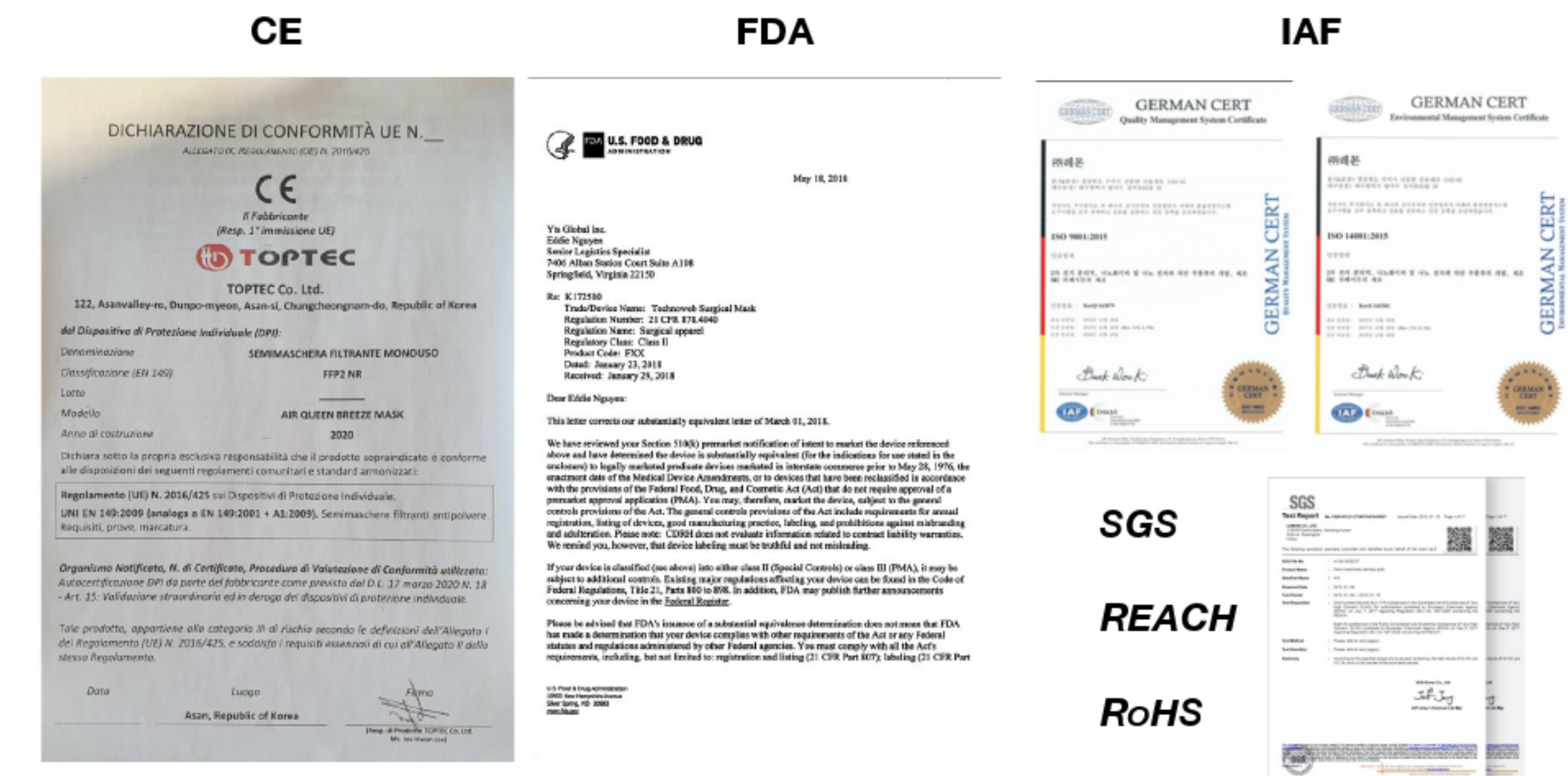
4. **Headaches** (not enough oxygen & carbon dioxide, passing through; Air gets trapped inside.) **Odour** from breath (bacterial infestation in hours).

5. **NOT** ergonomically designed, so it's difficult to wear for extended hours.



#Certificates

AirQueen Breeze Mask is approved by CE, FDA, IAF (International Accreditation Forum) and SGS for its safety, efficacy, and manufacturing process.



#Vision of TopTec, the Manufacturer

TopTec Inc has been the main contractor for Samsung semiconductor manufacturing plant for many years.

Incorporating the Nano Membrane Filter, JH Lee, the CEO of TopTec, manufactures face masks that protect you from virus, bacteria and fine dust.

TopTec is committed to actively contributing to sustainable development through environmental protection, social responsibility, and economic progress. The focus of this company is to leave an impact on all aspects of the society through its products such as masks and menstrual pads.

TOPTEC



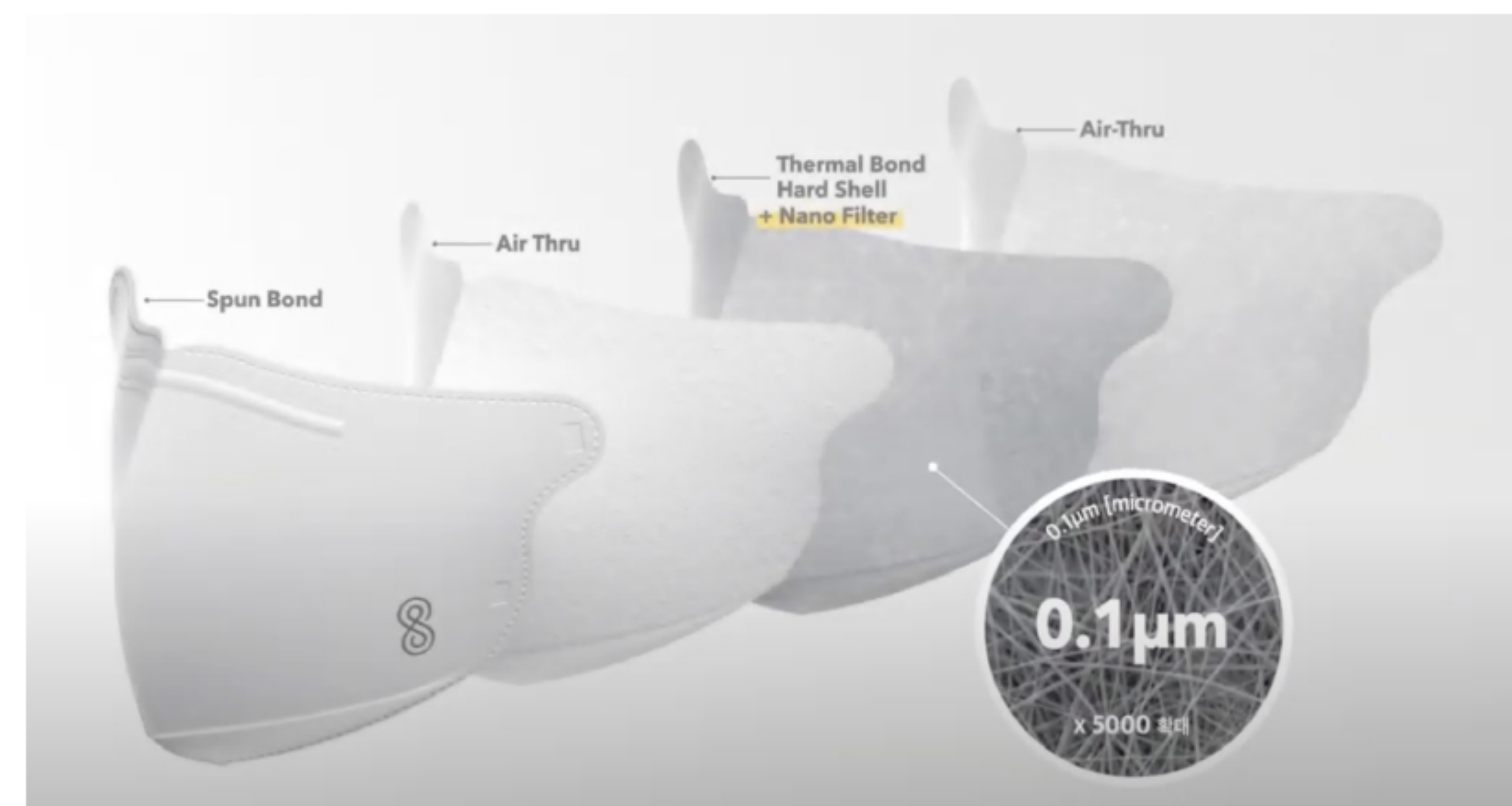
1. For General Public



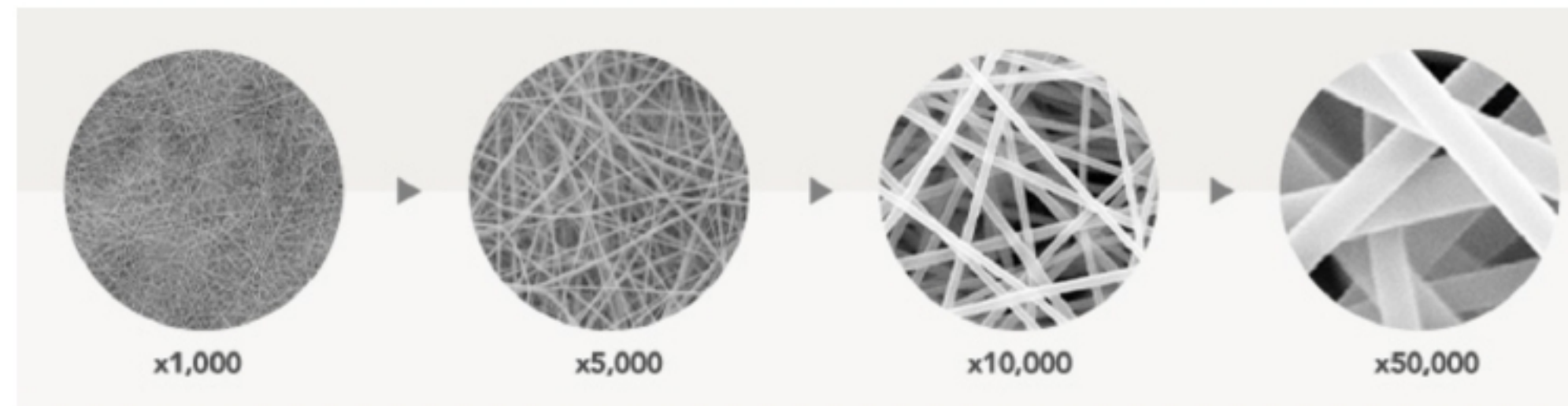
AirQueen Breeze Mask is...

- Designed for **general consumers and public use**. (individually packaged, easy to carry in pockets and bags)
- Disposable and yet durable and long-lasting (x7 longer than N95)
- One size fits all (except the kids, toddlers, etc.)

2. Nano Membrane Filter is true 1µm filter



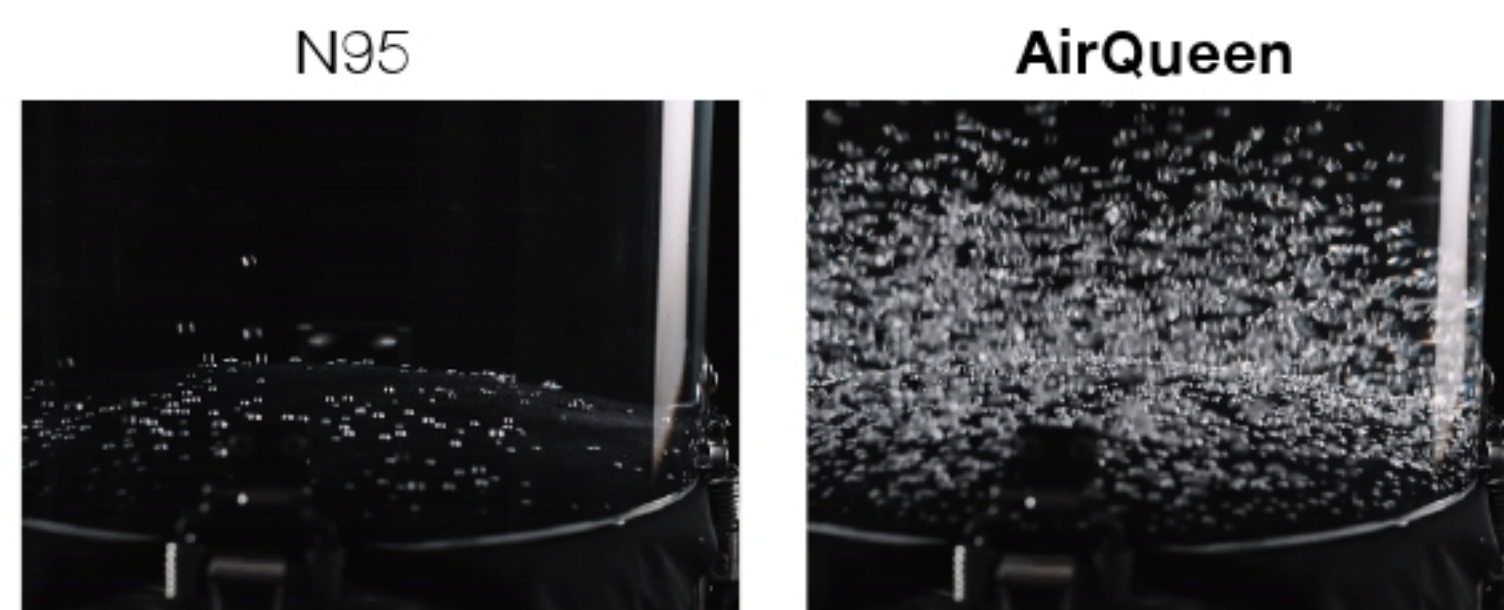
2. Nano Membrane Filter is true 1µm filter



AirQueen Breeze Mask completely blocks and protects.

- Completely **blocks** particles as small as **1 µm** while most Bacteria are 3-10 µm.
- Electrospinning is a fibre production method which uses electric force to draw charged threads of polymer solution. There are several millions of pores per 1 inch², protecting against dust, virus and bacteria.

3. Wicks Moisture



AirQueen Breeze Mask breathes.

- Maintains its 95% protection up to 24 hours. Even talking, spitting, and forced breathing do not reduce its efficacy.
- The conventional N95's Electrostatic Precipitation filtration mechanism loses its efficiency significantly in a few hours due to moisture in regular and forced breathing.

2. Nano Membrane Filter is true 1µm filter

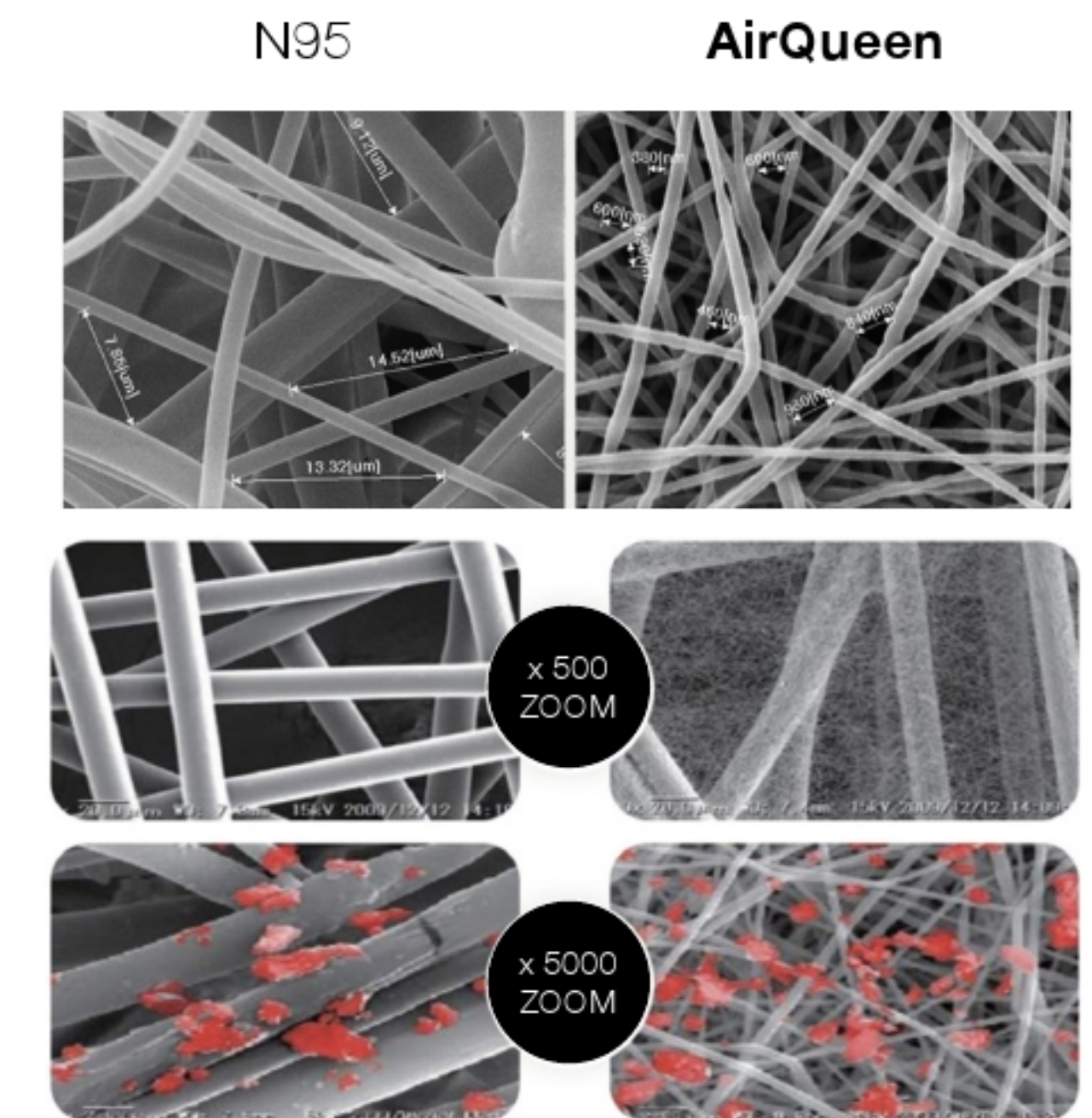
Density matters. Comparing N95 and AirQueen, shoulder to shoulder,

the distance between fibres in N95 is unto x100 bigger, resulting in poor filtration rate.

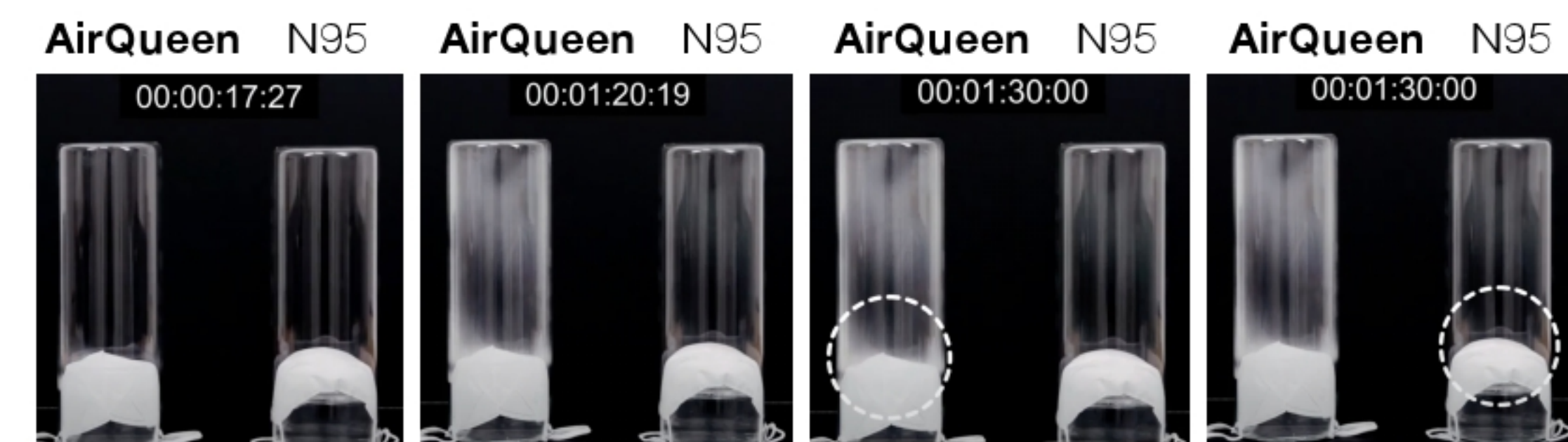
It is because N95 has much bigger pores than those of AirQueen's

At x500 zoom, AirQueen's filter show the much smaller pores while N95 has reached its limit.

At x5000 zoom, AirQueen filters out significantly more "pollutants" dyed in red.



4-1. Breathable

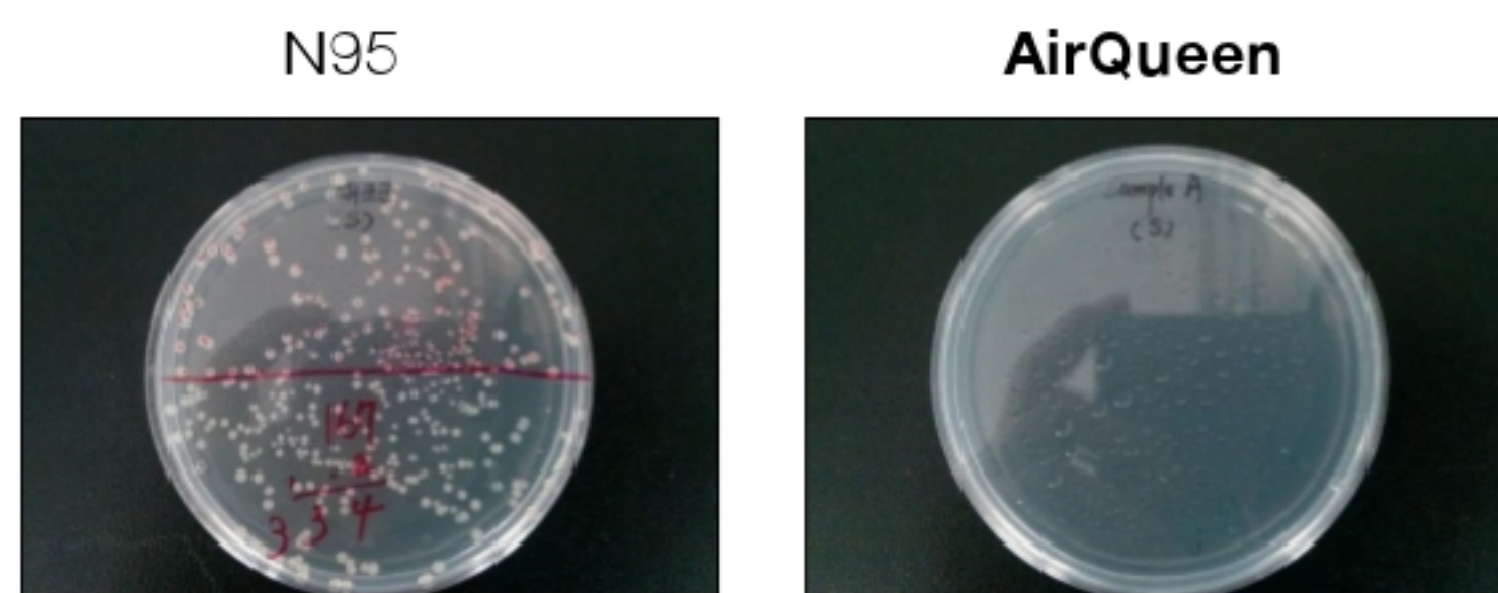


We placed a glass of hot water underneath the masks.

AirQueen masks produce more steam and fog in its tube, while N95 remain unchanged throughout 90 seconds. This proves the superior quality of ventilations in AirQueen's filter.

With AirQueen, you could walk faster and take hills without catching breaths because oxygen and carbon dioxide don't get trapped inside the mask like N95.

4-2. Anti-Bacterial

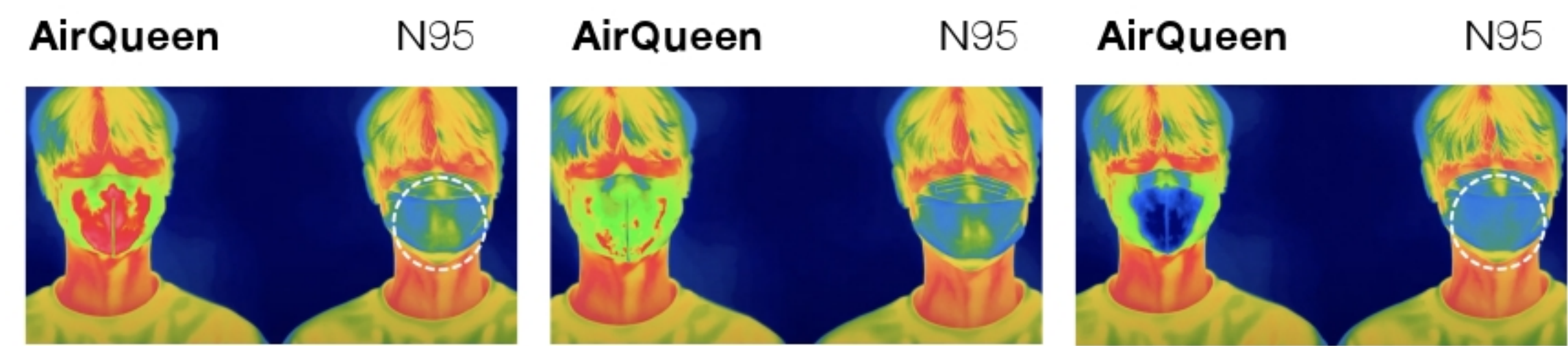


AirQueen Breeze Mask is anti-bacterial, in nature.

AirQueen with superior ventilation, breathability, and the innate quality of ant-bacterial functions, it prevents the bacterial infestation inside the mask.

Mask has longer lifespan and hygienic, while breath odour is minimized.

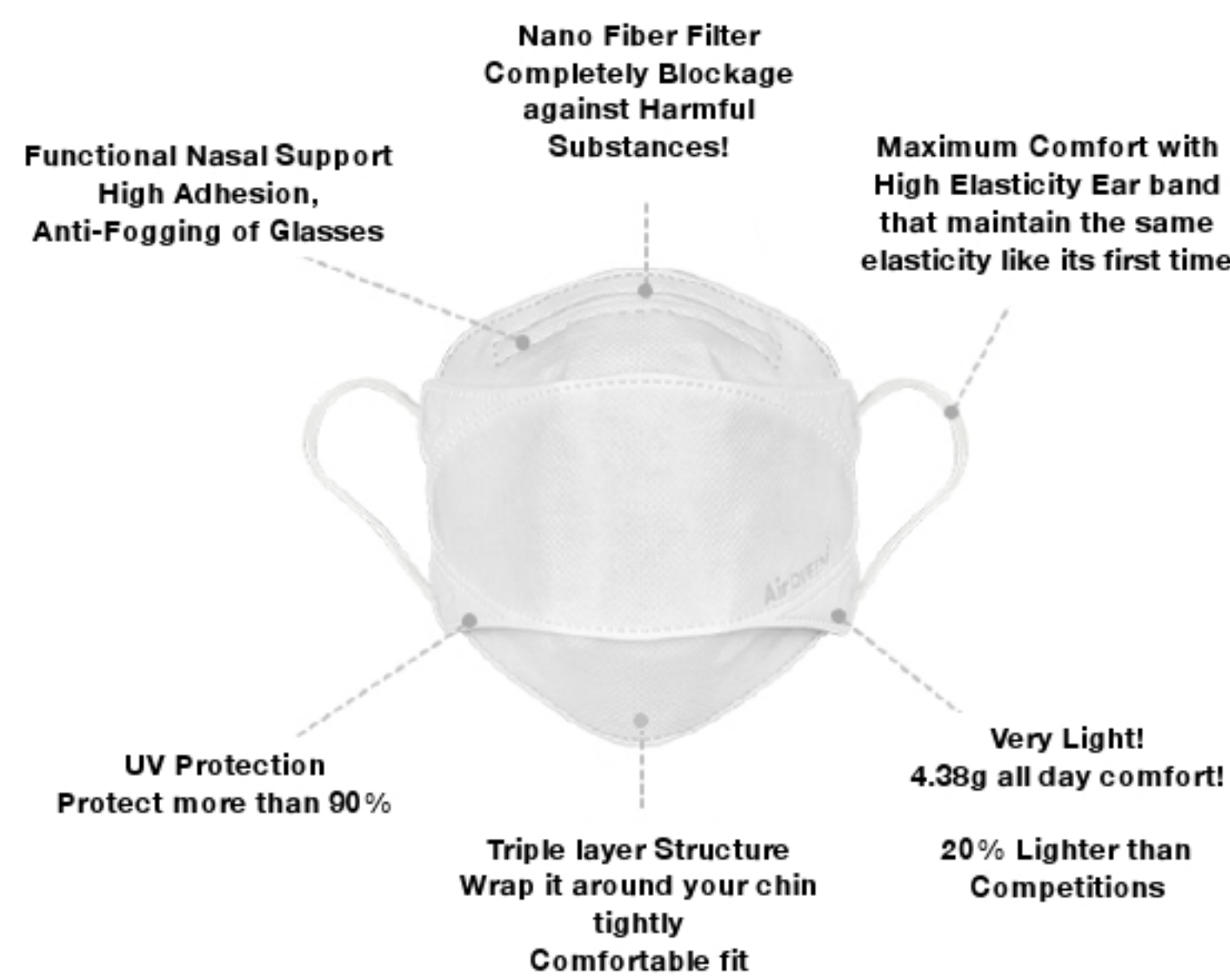
5. Ergonomic & Ease-Of-Use




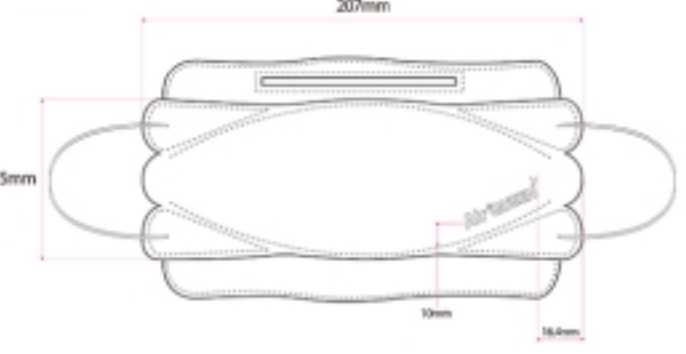
AirQueen Breeze Mask dissipates heat.

- N95 remains unchanged, which means N95 does not dissipates air during the whole breath, causing the feeling of chest oppression, chest stuffiness, short of breaths or many more symptoms.
- Ergonomically designed, AirQueen tightly seals and isolate the user from the environment, while providing superior breathability. AirQueen makes it easier to wear for extended hours.

Extra Features



Specs

Packaging	Size & Weight	Packing Details
Width: 110mm Length: 20mm Weight: 11g (Individually Packaged)	Width: 207mm Length: 75mm Weight: 4.38g	1 Carton Box Width: 540mm Length: 75mm Height: 460mm Weight: 3.46kg Quantity: 400 pcs
		1 Pallet Box stacking Quantity: 32 Carton Boxes Total Quantity: 12,800 pcs
	Important Dates Manufacture Date: April, 2020 Expires in 36 months	