

**Foldable Mask**

Fits in your pocket, where it is protected and ready for use.  
Mask weight: 6g.

**Extra Comfortable Fit**

The fit of the mask is designed in such a way that the AIR+ disposable mask fits tightly and securely on all facial shapes, ensuring that you avoid steamed up safety goggles. The mask is comfortable to use due to the soft materials and the padded nose clip.

**Extra Safety**

Newly developed and innovative exhalation valve, giving you increased safety; the valve closes at every inhalation – no matter your working position.

**The unique valve**

Inner circular rib to reinforce the membrane and keeps it closed, does not allow for drooping even when wearing it while looking down. Valve made of ABS. Valve membrane made of silicone.

**High protection**

Innovative filter mesh that is easier to breath through. Non-woven polypropylene and polyurethane. Mask outer layer: Non-woven polypropylene. Mask filter layer: (2 layers) Meltblown non-woven polypropylene.

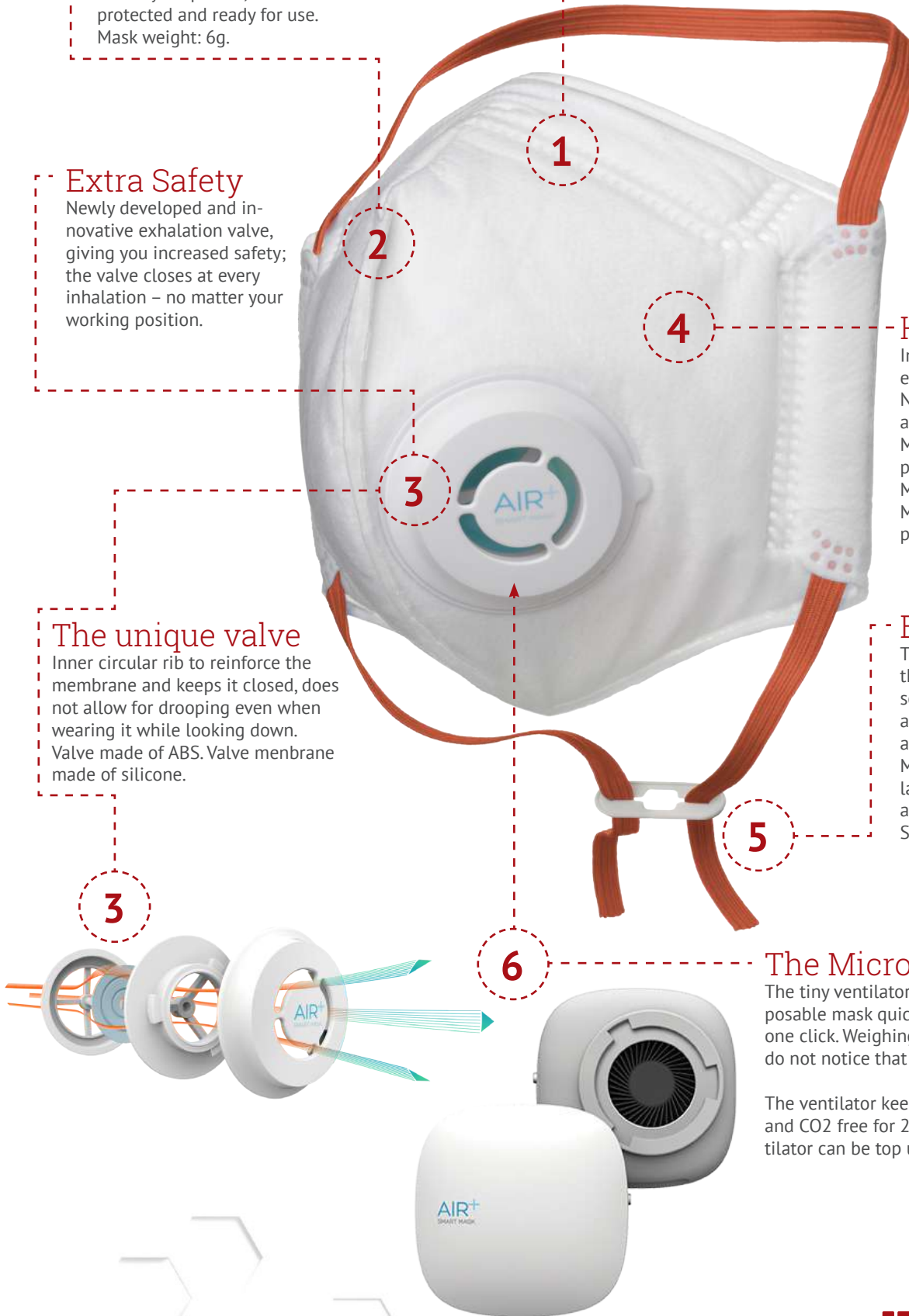
**Easy to Adjust**

The elastic strap runs all the way through the mask, so you simply and easily can adjust the entire mask with a single pull. Material straps made of latex free synthetic rubber and polyester (tetoron). Strap buckle made of ABS.

**The Micro Ventilator**

The tiny ventilator is attached to the disposable mask quickly and simply with just one click. Weighing in at just 19 grams you do not notice that you are wearing it.

The ventilator keeps the disposable mask dry and CO2 free for 2.5 hrs per charge. The ventilator can be top up charged during breaks.



# REDEFINING THE STANDARD IN RESPIRATORY PROTECTION

## AIR+ Smart Mask - Disposable

- Standalone protection mask
- Pair with AIR+ Micro ventilator

## AIR+ Micro ventilator - Reusable

- Optional add-on for enhanced protection
- Extracts heat, moisture and CO2 rapidly
- Added protection and easier breathing
- Rechargeable and up to 1.250 hours usage



### Removes Moisture

Reduces the relative humidity within the mask by up to 40%



### Prevents CO2 Build-up

Extracts carbon dioxide from the mask, so you keep a clear head and avoid discomfort and headaches.



### Keeps you cool and fresh

Reduces the temperature in the mask by up to 4°C.



### Ergonomic Fit

Developed to be both comfortable and close fitting on all facial shapes.



### Rechargeable

2.5 hrs running time per charge.

Recharged in an hour via the AIR+ micro-USB. Can be top up charged during breaks – just like your mobile.

Up to 1.250 hrs of usage.



## The challenges of the conventional masks

Conventional masks do not address the discomfort of extended mask use, and traps heat, humidity and carbon dioxide as you exhale.

Mask wearers often have to endure stuffiness caused by accumulated heat and moisture in the mask. Inhaling exhaled carbon dioxide can also cause symptoms such as dizziness, headaches and reduced alertness.

## Experience Comfort and Cleaner Air while you Work

The AIR+ Smart Mask attaches an innovative micro ventilator to a protective mask, transforming it into an advanced mask that ensures you clean air all day by expelling the heat, humidity and carbon dioxide trapped within the mask.

Watch the video on: [www.airplus-europe.com](http://www.airplus-europe.com)

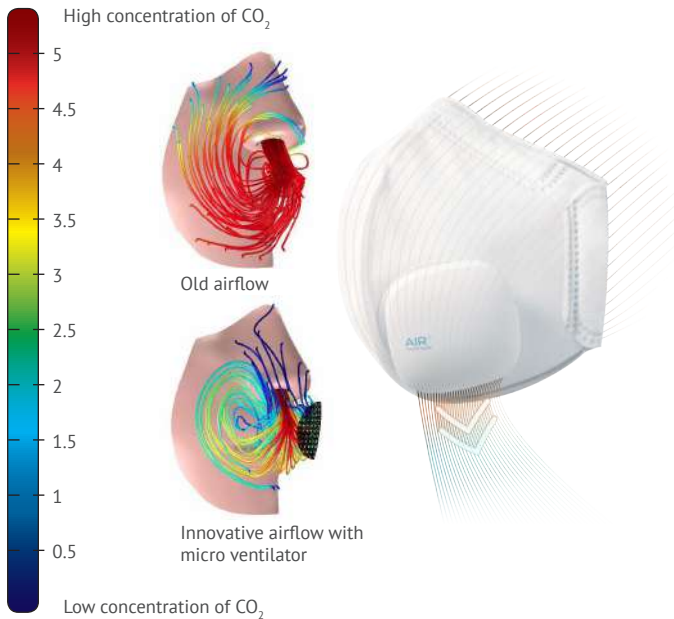
# PROTECTION & COMFORT

## Innovative New Approach

Disposable standalone mask, fitted with a reusable micro ventilator.

## Mimics nature and restores breathing patterns

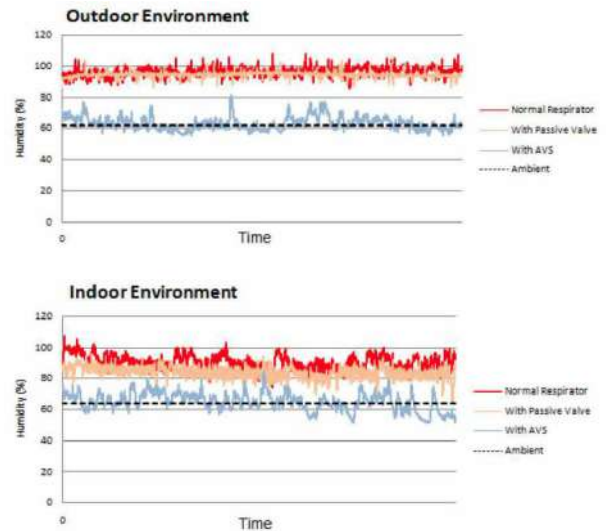
AIR+ Micro Ventilator swiftly jets away used air, much like how we breathe and exhale naturally.



## Reduces Relative Humidity

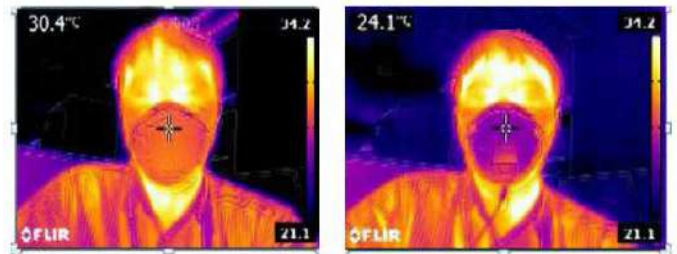
In a standard FFP2/FFP3, relative humidity within the mask is high (refer to the red line). This is significantly above the ambient environment.

With the AIR+ Micro Ventilator in action (blue line), relative humidity in the mask is reduced, closer to the ambient environment for a more comfortable experience.



## Reduces Temperature

The AIR+ Micro Ventilator extracts heat within the mask, for more comfortable experience. The average reduction of temperature is up to 4°C.

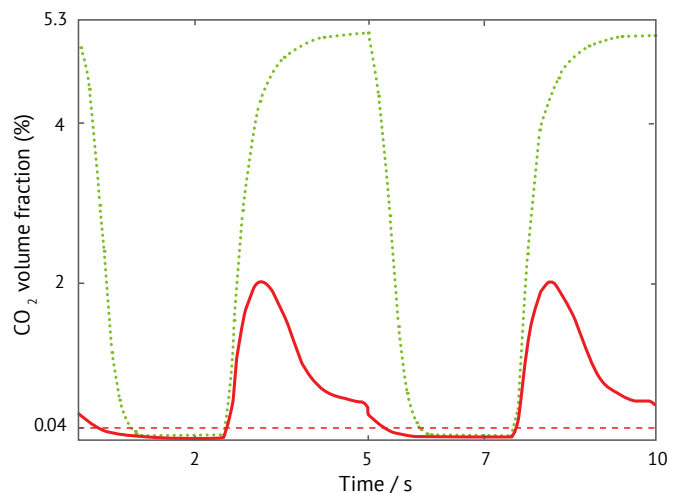
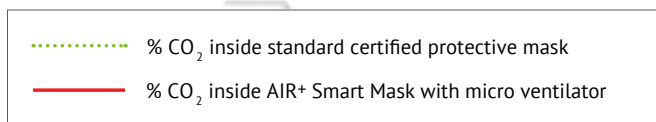


Without AIR+ Micro Ventilator, thermal imaging scans show red/orange areas within the mask, indicating warm temperature

With AIR+ Micro Ventilator, thermal imaging scans show blue/purple areas within the mask, indicating a cooler temperature.

## Reduces Harmful Carbon Dioxide

In standard certified masks, CO<sub>2</sub> concentration can be up to 3%, which is 100x that of normal air. With AIR+ Micro Ventilator in action, average CO<sub>2</sub> levels drop to 0.08%





**AIR+ SMART MASK**

**AIR+ MICRO VENTILATOR**



Product Type	FFP2 with Smart Valve	FFP3 with Smart Valve	AIR+ Micro Ventilator
Product Model no.	A+220VL	A+230VL	APR
Recommended use	Certified protection against particulate aerosols.  Delivers FFP2 protection against air-borne oil and non-oil particles.	Certified protection against particulate aerosols.  Delivers FFP3 protection against air-borne oil and non-oil particles.	Enhanced protection and comfort for use with AIR+ Smart Mask with valve.  Reduces physiological symptoms such as headaches, dizziness and reduced alertness.
Standards	CE EN149	CE EN149	CE EN149
Approvals	EN149:2001+A1:2009 FFP2 NR	EN149:2001+A1:2009 FFP3 NR	EN149:2001+A1:2009
Features	Ergonomic fit Adjustable head strap with flexible and better fit.	Ergonomic fit Adjustable head strap with flexible and better fit.	2.5 hrs running time per charge. Re-charged in an hour via micro-USB. Can be partially charged during breaks – just like your mobile.
Smart Valve	Yes	Yes	-
Compatible with AIR+ Micro Ventilator	Yes	Yes	Yes (All sizes)
Dimensions / weight	6g	6g	W 44 x D 44 x H 18mm 19g
Sizes	Large	Large	-
Recommended Industry	Healthcare, Construction, General Manufacturing, Transportation	Healthcare, Construction, General Manufacturing, Transportation	Healthcare, Construction, General Manufacturing, Transportation
Pcs per box	10	10	1

**Certification**

Protects you from airborne and oil based dust particles. Certified in accordance with CE EN149:2001+A1:2009. Mask & ventilator certified to FFP2 and FFP3.



EN149:2001+A1:2009

**European importer**

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Item number	Item name
700000	AIR+ FFP2 mask w. valve 10 pcs. – foldable
700010	AIR+ FFP3 mask w. valve 10 pcs. – foldable
700030	AIR+ Micro ventilator

Watch the video on: [www.airplus-europe.com](http://www.airplus-europe.com)

Product type		FFP2	FFP3
<b>Painting, Varnishing, Spraying, Coating, Mixing</b>	Water-Based - brush / roller / spray applied		•
	Wood Preservatives, water based		•
	Powder Coating		•
<b>Sanding, Stripping, Grinding, Cutting, Drilling</b>	Rust, most Metals, Filler, Concrete, Stone	•	•
	Cement, Wood, Steel,	•	•
	Paints, Varnish, Anti-rust coating	•	•
	Stainless Steel, Anti-fouling varnish		•
	Resins, Reinforced plastics (carbon / glass fibre)	•	•
<b>Construction / Maintenance</b>	Scabbling, Shot-creting (concrete dust)	•	•
	Plastering, Rendering, Cement mixing	•	•
	Demolition	•	•
	Groundwork, Earth moving, Piling, Underpinning	•	•
	Spray foam, Loft Insulation	•	•
<b>Metal working / Foundries</b>	Electro-plating		•
	Finishing, Slotting, Drilling, Riveting, Machining, Grinding	•	•
	Molten metal handling, Smelting	•	•
	Welding		•
<b>Cleaning / Waste Removal</b>	Waste removal	•	•
	Asbestos handling		•
	Asbestos removal		•
<b>Allergens / Biohazards</b>	Pollen, Animal dander	•	•
	Mould / Fungus, Bacteria, Viruses	•	•
	Tuberculosis	•	•
	Soot		•
<b>Agriculture / Forestry</b>	Handling infected animals, Culling	•	•
	Feeding livestock, Cleaning sheds / harvesters	•	•
	Straw chopping, Composting, Harvesting	•	•
	Agricultural allergenes, airborne	•	•
<b>Mining / Quarrying</b>	Tunnelling, Drilling, Grinding, Excavation	•	•
	Pumping, Dredging, Washing	•	•
	Cutting, Sawing	•	•
	Changing Filters	•	•
<b>Other Industrial Applications</b>	Inks, Dyes, Particulate pigments	•	•
	Powdered Additives	•	•
	Pharmaceuticals, airborne	•	•
	Pottery, Ceramics		•
	Wood / Paper Mills	•	•

iTOOLS accepts no liability for incorrect choice of AIR+ equipment. This guide is only an outline designed to focus on products which may be appropriate for typical applications - it should not be used as the only means of selecting a product. Selection of the most appropriate personal protective equipment (PPE) will depend on the particular situation and should be made only by a competent person knowledgeable of the assessed risks, actual working conditions and limitations of PPE.

This guide does not release the user from the obligation to comply with national application regulations and laws and is not a

substitute for adhering to and understanding the product instruction manuals.

Details regarding performance and limitations are set out on the product packaging and user information. If in doubt, contact a safety professional or iTOOLS.

For respiratory training and advice please contact iTOOLS.  
**Contact:** +45 5353 3315 or mail@itools.dk

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