

Product
Brochure



AirExchange®
750-T

AirExchange®
www.airexchange.nl/en/

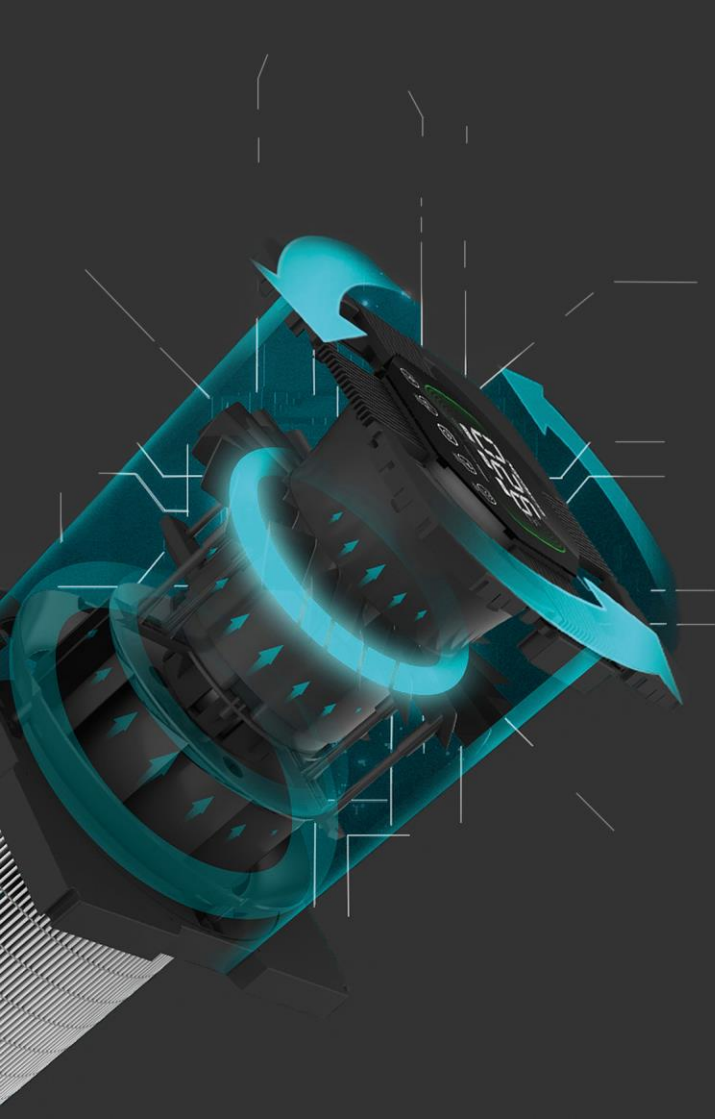


Take a deep breath..



Our advanced Air Purifying Systems

AirExchange® offers the latest innovations in the field of professional air cleaning. Because of a unique combination of filtering techniques the systems optimize the air quality and protect your health.



Ultimate performance

AirExchange® helps you with improving your indoor air climate and has developed a unique and patented technology to optimize air circulation.

In combination with the powerful engine performances, it is even possible to purify multiple adjacent rooms (up to 200 m²) at the same time.

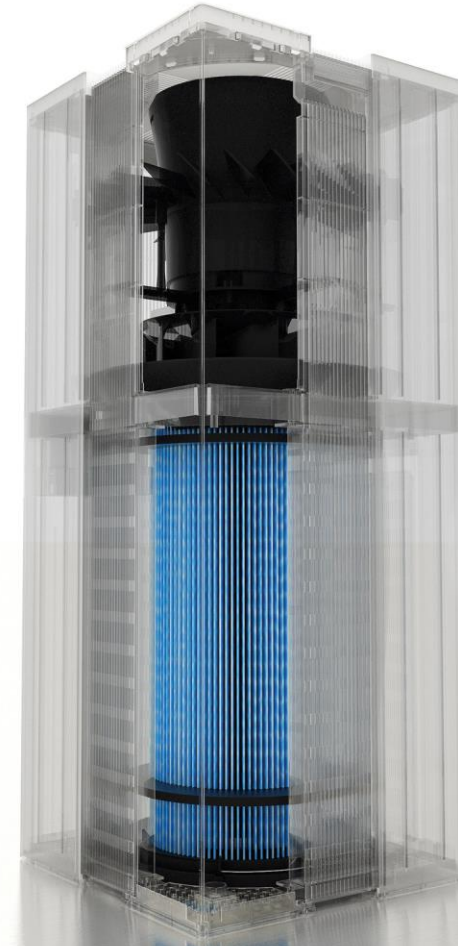


VORTEX technology

The **VORTEX**-technology in the systems will initiate a natural airflow in your indoor space.

Polluted air particles are being drawn to the device and then purified by the filter combination. The clean air is then emitted by the system, creating a circular airflow that pushes other pollutants in the room towards the device.

Due to this unique development you will not experience any draft-side effects while using your AirExchange®.



Excellent filter performance

The AirExchange® air purifying systems are equipped with a unique filter combination, including a HEPA (High Efficiency Particulate Air) filter and UV-C light treatment. Because of this combination, the systems can ensure a lightning fast and extremely effective purification.

UV-C technology

The ultraviolet radiation damages the photolytic (DNA/RNA) processes in the cell structure of the microorganisms, causing them to deteriorate and to be permanently eliminated.

Using this UV-C technology it is possible to achieve an elimination effectiveness of **>99.995%** per filtration cycle.



Always and everywhere in control

With our convenient application you can read and operate your AirExchange® air cleaning system anytime and anywhere.

Whether you are at home or at work, you are always in control!

The application is available on Google Play and in the App Store.



A super advanced and automated SMART-mode



Advanced air quality indicator

The AirExchange® air cleaning systems measure the ambient air quality and automatically adjust the cleaning program accordingly.

- Green** The air quality is perfect! You can now enjoy and take full advantage of the clean ambient air.
- Orange** The air quality is not OK. The air in the room is insufficiently filtered. Activate the 'SMART' mode to purify the air.
- Red** The air quality is bad. You are strongly advised not to enter the room. Activate the 'SMART' mode to purify the air.



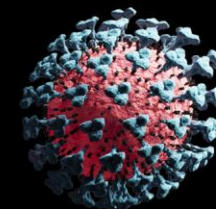
Maximum safety

To guarantee maximum safety, the UV-C light source is placed inside our filter combination. Therefore the UV-C light can never escape the device.

Eliminate harmful particles

The **HEPA filter** with medical H14 class removes more than 99.995% of particles with a size of $0.10\mu\text{m}$ or larger.

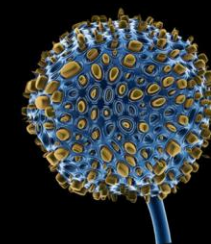
The **Carbon filter** with activated carbon catches volatile organic compounds (TVOC), such as gasses, high-density smoke, vapors and other harmful substances.



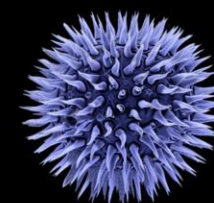
Viruses $0.12\mu\text{m}$
c.q. SARS-CoV-2 / H1N1



Bacteria $1\mu\text{m}$
c.q. S. Aureus



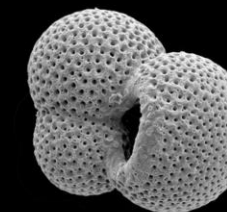
Fungi $1-30\mu\text{m}$
c.q. S. Chartarum



Pollen $10-100\mu\text{m}$
c.q. Grass pollen



Volatile substances $0.05\mu\text{m}$
c.q. Formaldehyde



(fine)dust $0.3-100\mu\text{m}$
c.q. Soot particles

Maximum filter effectiveness

Anti-bacterial filter with fiber & sterilization fabric

The antibacterial pre-filter is the first protective layer against (fine) dust, hair, pollen and skin flakes.

HEPA filter with medical H14 class

The HEPA (High Efficiency Particulate Air) H14 antimicrobial peptide filter has been developed for use in the aerospace industry and purifies fungi, bacteria, pollen, viruses, (fine) dust and other substances with an effectiveness of 99.995%.

Carbon filter with activated carbon

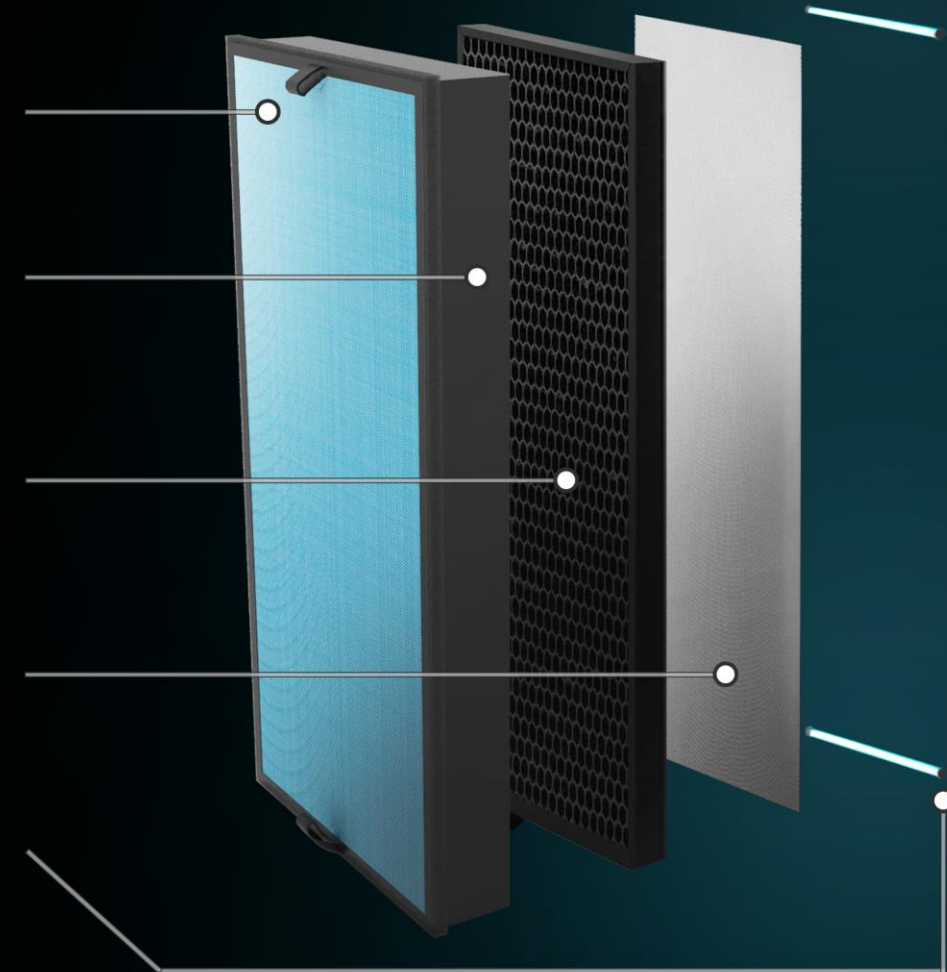
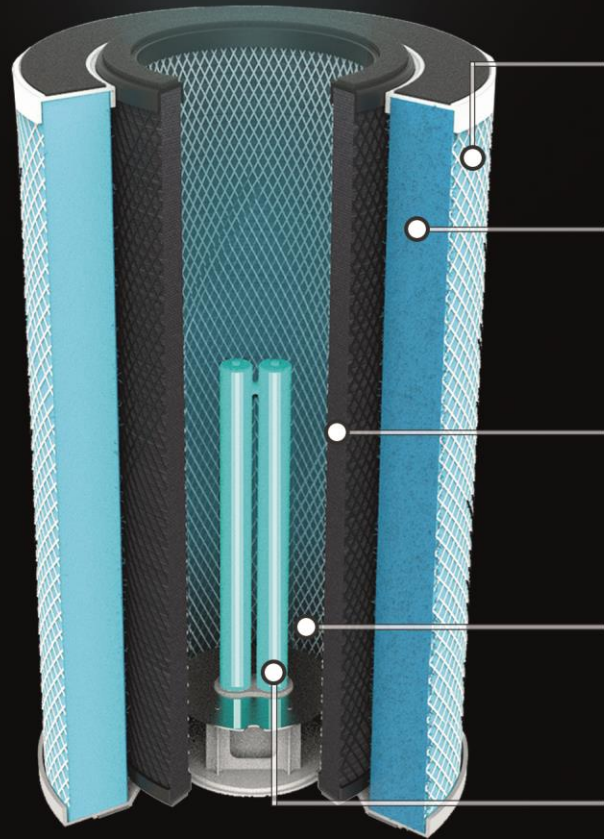
The Carbon filter with active carbon removes odors, gasses, smoke, oils, greases and vapors. In addition, the carbon filter also cleans volatile organic compounds (TVOC), formaldehyde, benzene, xylene and other harmful substances.

TiO₂ filter with natural ionization

The self-cleaning, photocatalytic Titanium Dioxide (TiO₂) mesh filter eliminates residual microorganisms such as viruses, bacteria and fungi by discharging particles (No ESP. (Electronic) ionization with toxic ozone gas is used).

UV-C light treatment technology

UV-C is an ultraviolet, electromagnetic, shortwave radiation that damages the photolytic processes in the cell-structure of microorganisms that eliminates them permanently.





Lightning-fast deliveries across Europe

Clean air is vitally important and that is why one of our promises to you is a super fast and worry-free delivery.



150-T STEEL BLUE

The AirExchange® 150-T has a stylish design, performed in a soft-touch, high quality, polymer housing with a steel blue color.

Technical specifications:

- Maximum cleaning capacity (Clean Air Delivery Rate – CADR) of 150m³/hour
- Cleans areas up to 40m²
- Combined filter with HEPA H13 filter, Carbon filter with activated carbon and 268nm UV-C light treatment
- 220V/AC (50-60Hz)
- 10W at maximum power
- Normal noise level: <15dB(A) (silent)
- Maximum noise level: <40dB(A)
- Dimensions: 225x320mm
- Weight: 2,4kg
- **CE, CB, ROHS** and **FCC** approved



150-T Product features

- Sleep mode and automatic night detection
- Clear touchscreen control panel
- Automatic filter monitoring
- Super-easy filter replacement
- SMART or MANUAL mode
- Easy to carry support
- 3 wind speed levels
- Plug-and-play
- Timer function



The smallest detail

Details can make a product. That is why the 150-T is equipped with a stylish handle made of real Italian leather.



150-T WHITE

The AirExchange® 150-T has a stylish design, performed in a soft-touch, high quality, polymer housing with a white color.

Technical specifications:

- Maximum cleaning capacity (Clean Air Delivery Rate – CADR) of 150m³/hour
- Cleans areas up to 40m²
- Combined filter with HEPA H13 filter, Carbon filter with activated carbon and 268nm UV-C light treatment
- 220V/AC (50-60Hz)
- 10W at maximum power
- Normal noise level: <15dB(A) (silent)
- Maximum noise level: <40dB(A)
- Dimensions: 225x320mm
- Weight: 2,4kg
- **CE, CB, ROHS** and **FCC** approved

600-T BLACK

The AirExchange® 600-T Black is performed in a black, powder coated, steel housing.

Technical specifications:

- Maximum cleaning power (Clean Air Delivery Rate - CADR) of 600m³ / hour
- Cleans areas up to 100m²
- Combined filter with Anti-bacterial filter, HEPA H14 filter, Carbon filter with activated carbon, Titanium Dioxide (TiO₂) filter and 253.7nm UV-C light treatment
- 220V / AC (50-60Hz)
- 85W power
- Standard noise level: <21dB(A) (almost silent)
- Maximum noise level: <68dB(A)
- Dimensions: 300x806mm
- Weight: 14kg
- **CE, CB, ROHS** and **FCC** approved



600-T Product features

- Sleep mode and automatic night detection
- Real-time temperature & humidity
- Clear touchscreen control panel
- Remote & application control
- Super-easy filter replacement
- Automatic filter monitoring
- SMART or MANUAL mode
- Built-in CO₂-sensor
- Tip-over protection
- 4 air flow speeds
- Timer function
- Plug and play
- Child lock



Striving for perfection

We strive for the perfect combination between design and functionality. The 600-T is therefore a true addition to any interior space.



600-T WHITE

The AirExchange® 600-T White is performed in a white, powder coated, steel housing.

Technical specifications:

- Maximum cleaning power (Clean Air Delivery Rate - CADR) of 600m³ / hour
- Cleans areas up to 100m²
- Combined filter with Anti-bacterial filter, HEPA H14 filter, Carbon filter with activated carbon, Titanium Dioxide (TiO₂) filter and 253.7nm UV-C light treatment
- 220V / AC (50-60Hz)
- 85W power
- Standard noise level: <21dB(A) (almost silent)
- Maximum noise level: <68dB(A)
- Dimensions: 300x806mm
- Weight: 14kg
- **CE, CB, ROHS** and **FCC** approved



750-T BLACK

The AirExchange® 750-T Black is performed in a brushed and black anodised, aluminum housing.

Technical specifications:

- Maximum cleaning power (Clean Air Delivery Rate - CADR) of 750m³ / hour
- Cleans areas up to 120m²
- Combined filter with Anti-bacterial filter, HEPA H14 filter, Carbon filter with activated carbon, Titanium Dioxide (TiO₂) filter and 253.7nm UV-C light treatment
- 220V / AC (50-60Hz)
- 95W power
- Standard noise level: <22dB(A) (almost silent)
- Maximum noise level: <70dB(A)
- Dimensions: 330x330x806mm
- Weight: 17kg
- **CE, CB, ROHS** and **FCC** approved



750-T Product features

- Sleep mode and automatic night detection
- Real-time temperature & humidity
- Clear touchscreen control panel
- Remote & application control
- Super-easy filter replacement
- Automatic filter monitoring
- SMART or MANUAL mode
- Built-in CO₂-sensor
- Tip-over protection
- 4 air flow speeds
- Timer function
- Plug and play
- Child lock



Ultimate precision

The AirExchange® systems are produced with the utmost precision. This way you are assured of only the highest quality.



750-T ANTHRACITE

The AirExchange® 750-T Anthracite is performed in a brushed and anthracite anodised, aluminum housing.

Technical specifications:

- Maximum cleaning power (Clean Air Delivery Rate - CADR) of 750m³ / hour
- Cleans areas up to 120m²
- Combined filter with Anti-bacterial filter, HEPA H14 filter, Carbon filter with activated carbon, Titanium Dioxide (TiO₂) filter and 253.7nm UV-C light treatment
- 220V / AC (50-60Hz)
- 95W power
- Standard noise level: <22dB(A) (almost silent)
- Maximum noise level: <70dB(A)
- Dimensions: 330x330x806mm
- Weight: 17kg
- **CE, CB, ROHS** and **FCC** approved



1500-T ANTHRACITE

The AirExchange® 1500-T is one of the most powerful air cleaning systems on the market and is performed in a pearl blasted, anthracite housing.

Product features:

- Clear touchscreen control panel
- Convenient application control
- SMART-mode of MANUAL-mode
- 5 wind speeds
- Real-time CO₂-measurement
- Real-time temperature measurement
- Real-time humidity measurement
- Real-time TVOC measurement
- Automatic filter monitoring
- Super-easy filter replacement
- Timer function
- Tip over sensor with automatic shut off
- Plug-and-play
- Child lock
- Sleep mode and automatic night detection
- Integrated heavy duty castors for superb moveability



Double engine

The 1500-T is equipped with two motors with centrifugal turbine wheels, which allows the device to purify up to 1.500.000 liters of air per hour.



Whisper-quiet operation

The device is equipped with a double filter set and air inlets at both the front and rear side. By making clever use of sound-damping filter materials the 1500-T is whisper-quiet, even at full power.



Integrated CO₂ sensor

The AirExchange® 1500-T is equipped with an integrated CO₂ sensor that actively measures the air quality and adjusts the cleaning programm accordingly.

Technical specifications:

- Maximum cleaning power (Clean Air Delivery Rate - CADR) of 1500m³ / hour
- Cleans areas up to 200m²
- Combined filter with washable pre-filter, antibacterial filter, HEPA H14 filter, carbon filter with activated carbon, Titanium Dioxide (TiO₂) filter and 268nm UV-C light treatment
- 220V/AC (50-60Hz)
- 140W power
- Normal noise level: <18dB(A) (silent)
- Maximum noise level: <42dB(A)
- Dimensions: 398x398x850mm
- Weight: 28,5kg
- **CE**, **CB** and **ROHS** approved

Filter set

600-T & 750-T

The filter set is suitable for both the AirExchange® 750-T and 600-T models.

The filter set consists of a combination of:

- Antibacterial Pre-filter with fiber mesh fabric and sterilization, nonwoven fabric
- HEPA (medical class) H14 antimicrobial peptide filter with a filter surface of 7.2m²
- Carbon filter with activated carbon
- Photocatalytic TiO₂ (Titanium Dioxide) filter as a natural ionizer
- UV-C (253.7nm wavelength ultraviolet) lamp

Technical specifications:

- The lifespan of the filter set is on average 4500 hours
- Dimensions: 235x400mm
- Weight 2.2kg



EASY filter replacement

The built-in, automatic filter guard informs you when the filter needs to be replaced. You can then easily replace the filter set in a short period of time.

Filter set

150-T

The 150-T filter set contains:

- An antibacterial pre-filter
- An HEPA H13 (medical class) antimicrobial peptide filter
- A carbon filter with activated carbon



Technical specifications:

- The average 150-T filter lifespan is 4300 hours
- Dimensions: 150x180mm
- Weight: 1,0kg

DUAL Filter set

1500-T

This double filter set is suitable for the AirExchange® 1500-T.

The double filter set contains a combination of:

- An antibacterial filter with fiber mesh and sterilization non woven fabric
- An HEPA H14 (medical class) antimicrobial peptide filter with a total surface area of up to 16 m²
- A carbon filter with activated carbon
- A photocatalytic TiO₂ (Titanium Dioxide) filter as natural ionizer

Technical specifications:

- The average 1500-T filter lifespan is 4500 hours
- Dimensions (per filter): 301x641x73mm
- Weight (per filter): 3,5kg







Our advanced Air Humidifying Systems

Meet the latest innovations in the field of professional air humidification!

Due to a unique combination of techniques these systems are able to optimally humidify your environment, while creating comfortable, skin friendly ambient air.



Heated mist

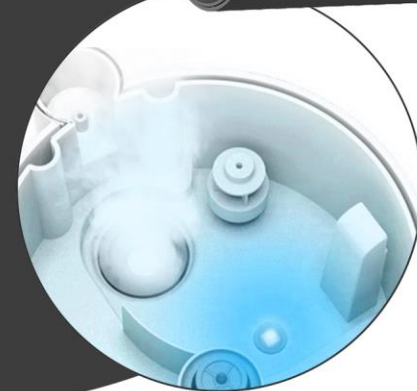
With the unique addition of a durable heating element, the AirExchange® Breeze can heat the mist up to a pleasant 39°C. This way your room is unnoticeably humidified.



Powerful Filtration

The Breeze is equipped with a filter that cleans contaminants from the incoming air.

The water is actively cleaned by short-wave ultraviolet radiation. This damages the photolytic processes in the cell nuclei of any microorganisms, such as viruses or bacteria in the water and eliminates them indefinitely.



BREEZE BLACK

The AirExchange® Breeze has a stylish design, performed in a soft-touch housing from black, high quality polymers.

The mist outlet is made from pearl blasted, anodised aluminum.

Technical specifications:

- Maximum mist output of 350ml/h
- Humidifying capacity of 60m²
- Water reservoir of 4.5L
- 220V/AC (50-60Hz)
- 115W power
- Normal sound level: <18dB(A) (almost silent)
- Maximum sound level: <32dB(A)
- Dimensions: 175x455mm
- Weight: 2,7kg
- **CE** and **ROHS** approved



Breeze Product features

- UV-C light treatment (elimination of viruses and bacteria with an efficiency of >99.99%)
- SMART-mode with automatic mist speeds
- Easily accesible water reservoir (4.5L)
- Suitable for essential oils (aromatherapy)
- Internal heating function (up to 39°C)
- Stylish night-light
- Remote control
- 3 mist speeds
- Plug-and-play
- Timer function



Maximum comfort

The internal heating function enables the device to heat the water to a gentle temperature of 39°C.



BREEZE WHITE

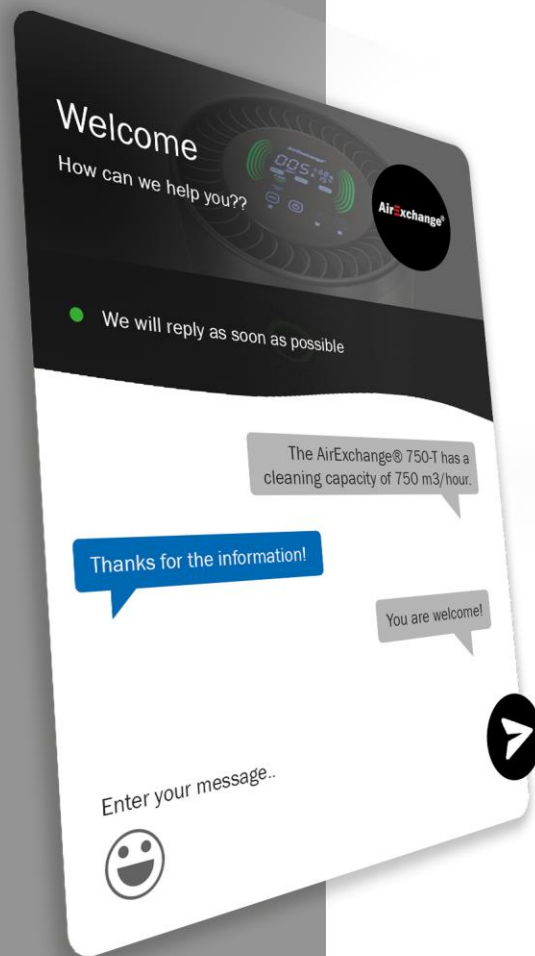
The AirExchange® Breeze has a stylish design, performed in a soft-touch housing, made from white, high quality polymers.

The mist outlet is made from pearl blasted, anodised aluminum.

Technical specifications:

- Maximum mist output of 350ml/h
- Humidifying capacity of 60m²
- Water reservoir of 4.5L
- 220V/AC (50-60Hz)
- 115W power
- Normal sound level: <18dB(A) (almost silent)
- Maximum sound level: <32dB(A)
- Dimensions: 175x455mm
- Weight: 2,7kg
- **CE** and **ROHS** approved





All for a perfect experience

Our key value is customer satisfaction and we believe that you should be able to enjoy your AirExchange® system without any worries or trouble.

Do you have any questions? Then you can contact us by phone, e-mail or via our chat function.

We are always there for you!



..and breathe out

