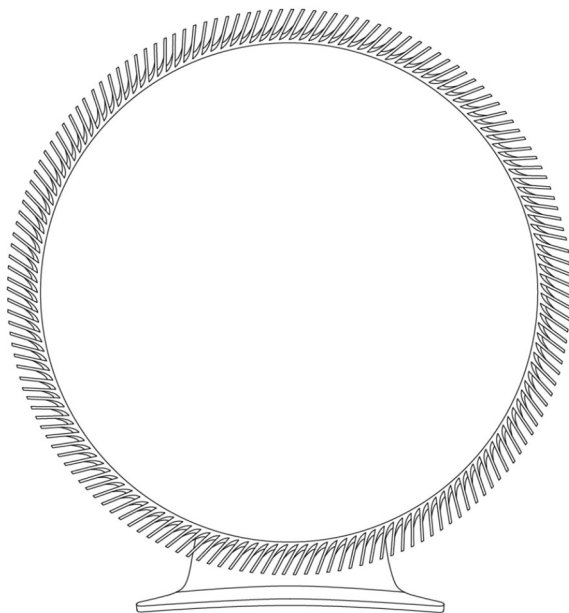# ✚ IQAir® Atem® X

## Room Air Purifier

# User Instructions

# Important Safety Instructions

**Read and save these instructions**

## Danger

· Never immerse the product in water.
· Do not allow any kind of liquid to spill on, enter or come into contact with the product, including, but not limited to water, detergents or flammable solvents.
· Do not spray any flammable materials such as insecticides, fragrance or perfumes into or around the product.

## Warning

· This appliance can be used by children aged 8 years and above as well as by persons with reduced physical, sensory or mental capabilities, or lack of experience and knowledge only when supervised or instructions concerning the safe use of the appliance have been given by a person responsible for their safety and the hazards involved are understood.
· Children shall be supervised to ensure that they do not play with the appliance.
· Cleaning and user maintenance must not be performed by children without supervision.
· Prior to cleaning or other maintenance like replacing filters, the appliance must be disconnected from the supply mains.

· Do not use the product if the plug, the supply cord, or the appliance itself is damaged. If the supply cord is damaged, you must have it replaced by IQAir, a service center authorized by IQAir, or similarly qualified persons in order to avoid a hazard.
· Do not place the product in an area where it can be affected by dripping condensation, e.g. directly below an air conditioner.
· Do not place the product in or below an open window.
· Check that the voltage and frequency indicated on the product corresponds to the local mains voltage and frequency before connecting. Only plug the product into a suitable and easily accessible mains socket.
· For USA and Canada: This appliance has a polarized plug (one blade is wider than the other). To reduce the risk of electric shock, this plug is intended to fit in a polarized outlet only one way. If the plug does not fit fully in the outlet, reverse the plug. If it still does not fit, contact a qualified electrician. Do not attempt to defeat this safety feature.
· For Canada: This appliance is not suitable for use with solid-state speed controls.

- Do not run the supply cord under carpeting. Do not cover the supply cord with throw rugs, runners or similar coverings. Do not route the supply cord under furniture or appliances. Arrange the supply cord where it will not be tripped over, away from traffic areas.
- Do not place the supply cord under strain.
- Do not unplug the appliance by pulling on the supply cord. To unplug, grasp the plug, not the supply cord.
- Never sit or stand on the product. Sitting or standing on the product may lead to potential injury and product damage.
- Do not place any objects on the product.
- Make sure that foreign objects do not fall into the product.
- Never introduce a foreign object or finger into airflow openings.
- Do not use the appliance with any opening blocked; keep free of dust, lint, hair, and anything that may impede airflow.

## Caution
- Use only indoors and in dry environments.
- This product is intended for use in living and office environments.
- Do not use near furnaces, fireplaces, stoves or other high temperature heat sources.
- This product contains high precision technology. Do not drop, tamper with nor expose to impact.
- Floor standing installation of the product shall be on a stable, level, and horizontal surface.
- Disconnect the appliance from the mains socket before moving it.
- Always lift the product by the intended strap. Do not lift the product by the stand or by grasping the grille.
- Do not move the product by pulling its supply cord.
- The product, when mounted on the supplied caster base, is easy to move. When moving the product with its caster base, do it slowly and do not push it rapidly.
- Only use this product in conjunction with its intended IQAir accessories and consumables.
- Only use this product in an atmosphere appropriate for permanent human habitation. Not suitable for use in toxic or explosive environments, or for protection against hazardous airborne substances. This product is not a substitute for proper ventilation, regular vacuum cleaning, or use of an extractor hood or fan while cooking.
- In case of needing instructions contained in electronic format as printed copy download from www.iqair.com and print or request at local dealer.

For more information also refer www.iqair.com

# Contents

# Introducing Atem X

The IQAir Atem X is a room air purifier for people who are serious about the air they breathe and the esthetics of their environments.

Operation is via a control panel on the purifier or with the IQAir App. The purifier is equipped with built-in air quality sensors. All air quality parameters are shown in the IQAir App while the Air Quality Index is indicated on the purifier's control panel. The built-in PM2.5 sensor drives the purifier's Smart Mode - Automatic control for optimal air cleaning performance. The Atem X's advanced filter management ensures that filter life is monitored to ensure good air cleaning performance, while minimizing maintenance and filter replacements.

# Component Overview
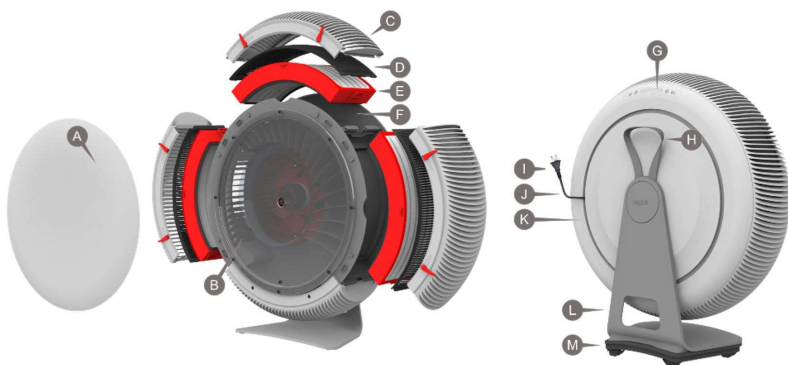


| | | | | |
|---|---|---|---|---|
| A | Front cover | | G | Control panel |
| B | Inner cover | | H | Strap |
| C | Inlet grille | | I | Plug |
| D | Impaktor | | J | Power cord |
| E | Filter | | K | Cord channel |
| F | Inlet area | | L | Stand |
| | | | M | Mobile base |

# Setup & Positioning

## Choosing a Suitable Location

Atem X can be placed directly against a wall or any other vertical surface, such as a cupboard or beside a sofa. It does not have to be positioned "in the middle of the room". Rotate the purifier to change the direction of the air flow as desired.

Ideally position the purifier so that the control panel is facing upward, i.e. at the twelve-o-clock position – the Atem X then directs air upwards, away from the wall, for very good air circulation to clean the whole room.

## Installation

**Floor standing**

Place the purifier on the floor. The stand's non-slip feet ensure a steady stance on most floor surfaces.

Optionally, mount the purifier onto the mobile base if you need to move it on a regular basis. The mobile base works well on hard surfaces, it is not suited for use on carpet surfaces.

Arrange the supply cord where it will not be tripped over, away from traffic areas. Excess cord can be stowed in the cord channel.

**Wall mounting**

The purifier can be mounted onto walls with the optional Atem X wall-mounting kit. Refer to the mounting instructions supplied with the wall-mounting kit.

# Using Your Air Purifier

Control Atem X from your smart phone with the IQAir App or the purifier's touch sensitive control panel. The IQAir App is much more than a remote control - It gives you access to additional features for your Atem X and, more importantly, the App opens a world of air quality information within IQAir's AirVisual community.

## Install the App

Download and install the IQAir App on your Smartphone to control your IQAir Atem X. You will need access to a Wi-Fi network to connect to and control your purifier. Be sure that you know the network name (SSID) and password of the Wi-Fi network to which the purifier should be connected.

**Scan the QR code** on your purifier's Certificate of Performance or type plate to download the App. The App will guide you through the steps to connect with your Atem X.

証明書 **Certificat** 증명서 **Zertifikat** 证书 **Certificate**

**✚ IQAir**

Certificate of Performance
Ultrafine Particle (UFP) Removal

| Tested System | Model: | IQAir Atem X |
|---|---|---|
| | Article number: | 275.PH.10.F1 |
| | Pairing code | 123456 |
| | Serial number: | 0420-H123-4D40-A |
| | Filter type | IQAir HyperHEPA H F |

**Declaration** This certifies that the above-mentioned air cleaning system has been tested prior to packaging at IQAir's production facility in Southern Germany. This system has passed all quality assurance tests and is in compliance with the model's published performance specifications for ultrafine particles.

**Instrumentation** Air delivery — TSI EBT731 Capture Hood
Particle count — TSI 3789 Condensation Particle Counter

| Test Results | Fan Speed | Sound Level | Ultrafine Particle Removal Rate | |
|---|---|---|---|---|
| | | | Published | Measured |
| | 20 % | 35 dB(A) | 280 m³/h | 282 m³/h |
| | 50 % | 45 dB(A) | 450 m³/h | 453 m³/h |
| | 100 % | 63 dB(A) | 650 m³/h | 652 m³/h |

**Scan to Connect** Scan the QR code to download the IQAir App and control the purifier from your smartphone.

**Tested by** *M Rossi* 01 – 013

1/2

# The control panel



The purifier's control panel is located on the rear panel, behind the outlet grille.

| | |
|---|---|
| Power  | Touch to turn ON. Touch again for standby[1].<br>White: ON<br>Blue: Standby/OFF |
| Smart Mode  | Touch to toggle between Smart Mode and manual performance setting. The indicator illuminates when Smart Mode is active. |
| Air quality &<br>Air cleaning performance  | The indicated represents the measured air quality. Touch anywhere on the control to show and set the air cleaning performance level. Touching the control will, if applicable, deactivate Smart Mode. |
| Light  | Touch to turn the control panel lighting ON / OFF[2]. User inputs are acknowledged by a brief fade in/out of all indicators. This brief fade in/out occurs also when the control panel lighting is turned off. |
| Wi-Fi  | Hold for 2 seconds to deactivate the purifier's Wi-Fi. Touch again to re-activate.<br>Off: Wi-Fi is deactivated<br>Red: Wi-Fi is active, but not connected<br>White: The purifier is connected to the IQAir IoT Cloud and can be controlled remotely |

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[1] When in standby, the purifier can be turned ON from the App. Touch and hold for 10 seconds to turn the purifier OFF.
When turned OFF, the purifier cannot be controlled from the App.
[2] The standby light illuminates even when the light mode is set to OFF.

| | | | |
|---|---|---|---|
| ⟨·⟩ | Ethernet | Status of the Ethernet connection. Only for devices with an Ethernet port. |
| | | White: | Purifier is connected to the IQAir IoT Cloud via Ethernet and can be controlled remotely |
| ⚠ | Filter status | Off: | Enough filter life remaining, no action required |
| | | Yellow: | Low remaining filter life, replace your filters soon |
| | | Red: | Replace your filters |
| | | Flashing: | No filter detected |

# Air cleaning performance – Manual mode

Air cleaning performance can be set manually with 8 power levels. The selected speed corresponds to the touch position and is indicated by the number of illuminated dots.

Touch the left-most end of the control, close to the minus symbol ⊖, to select the lowest air cleaning performance level.

Touch anywhere on the control sets the respective performance level, e.g. level 4, as shown.
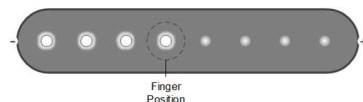
Touch the right-most end of the control, close to the plus symbol ⊕, to set the maximum air cleaning performance.

# Air cleaning performance – Smart Mode

Smart Mode automatically adjusts the air cleaning performance according to the air quality in the room. Activate/deactivate Smart Mode by touching the Smart Mode button on the control panel or in the App. Smart Mode is also deactivated by touching anywhere on the air cleaning performance control.

In Smart Mode, the Atem X automatically increases air cleaning performance when pollution levels rise and reduces power when the air is clean.

# Filter replacement

Atem X will let you know, in advance, when the filters need to be replaced.

⚠ A yellow warning symbol on the control panel tells you that the filter set needs to be replaced soon, make sure that you have a replacement filter set.

⚠ A red warning symbol tells you that the filter is full and needs to be replaced.

**Unplug the power cord and stow it in cord channel before changing the filters.**

**Always replace the complete filter set, i.e. all three filter elements.**

**Step 1**
## Remove the front cover
Simply grab in and pull the front cover away from the purifier.

### Step 2
## Rotate

Rotate the purifier body clockwise until it reaches the end stop. Rotating the purifier gives you easy access to each of the filters - you do not have to stoop down to change filters.



### Step 3
## Remove the inlet grille

Consider that the Impaktor, which is latched on the inside of the inlet grill could have trapped a lot of dust, hair and lint. Use a vacuum cleaner fitted with dust brush attachment to remove any loose dust from the grille and the Impaktor.
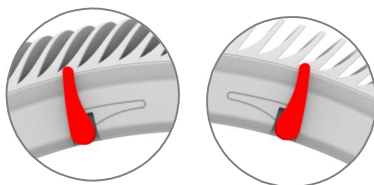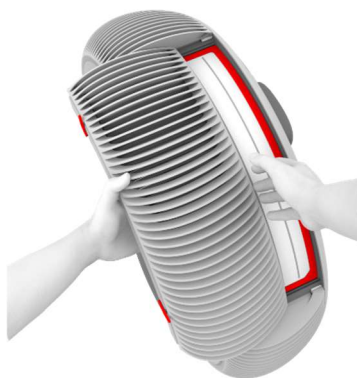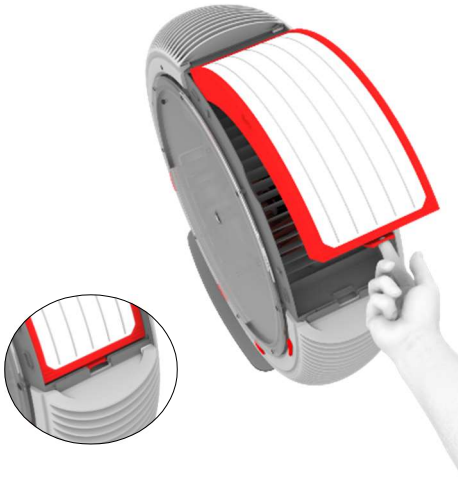


### Open the locking levers
Rotate both locking levers to the open position.

### Remove the grille
Slide away the inlet grille to expose the filter. Carefully set aside the inlet grille.

**Step 4**
## Remove the used filter
Press the latch towards the filter to unlock and
remove the filter.

Do not try to clean and/or reuse the filters. Filters
may be disposed with household waste.
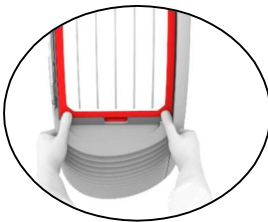
**Step 5**
## Insert the replacement filter
Make sure that the filter's orientation tab is facing
towards the front of the purifier.

### Slide to the left
Insert the filter into the inlet opening. Slide the filter
towards the left.

### Press down
Pivot the filter down into the inlet opening. Press on
the two ribbed corners until the filter's latch snaps
in behind the catch.

### Step 6
### Remove and clean the Impaktor

Pull the center tab. Once removed, the Impaktor can be thoroughly cleaned with a soft brush or a vacuum cleaner fitted with a brush attachment. If required, the Impaktor can be cleaned further by rinsing under running water at a wahbasin and then letting it dry. After it has dried, the cleaned Impaktor can be inserted back into the inlet grille.



### Replace the Impaktor

Ensure that the slots on the Impaktor match tabs on the inner side of the grille (the left and right sides are made different to ensure that the Impaktor is inserted the right way round). Hook the Impaktor slots underneath the grille's tabs – the Impaktor will arch outwards. Press downwards onto the center of the Impaktor.



## Replace the inlet grille
### Locking levers open
Ensure that both the locking levers are in the open position.
### Slide in the grille
Take care that the tabs on inlet grille slot into the slide on both sides of the inlet opening. Gently slide the inlet grille back into position.
### Close locking levers
Move both the locking levers into their respective closed positions.



## Repeat Steps 3 … 6
Repeat the process for the remaining two filters. Remember that you can rotate the purifier counterclockwise to gain easy access.

## Replace the front cover
Push the front cover back into place. The spigot on the inside of the front cover slides into socket in the inner cover.

# Technical Specifications

| Model | Atem X Room Air Purifier | |
|---|---|---|
| Input voltage<br>(Refer to the type label on your device) | 220–240-Volt version | 230 V~ 50 Hz |
| | 100–120-Volt version | 120 V~ 60 Hz |
| Power rating | | 110 W |
| Sensors | Particulate matter (PM2.5), Temperature, Humidity | |
| Dimensions<br>(without stand) | Diameter | 640 mm |
| | Depth | 220 mm |
| | Weight[3] | 11 kg |
| Dimensions<br>(including stand) | Height | 688 mm |
| | Depth | 254 mm |
| | Weight[4] | 13 kg |



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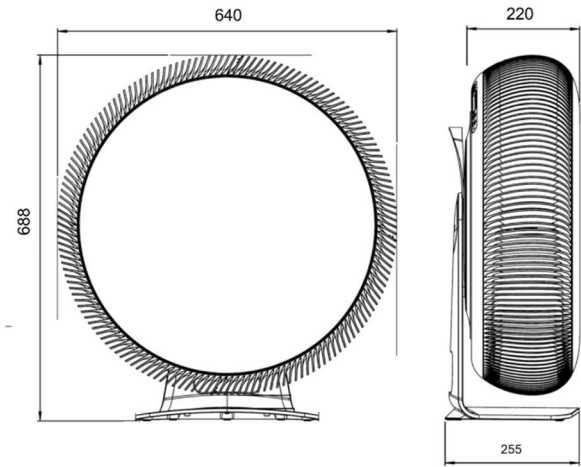
[3] Weight may vary depending on the filter configuration
[4] Weight may vary depending on the filter configuration

# Additional Information

## Electromagnetic Compatibility (EMC) and radiation exposure

For USA - FCC Statement

Any changes or modifications not expressly approved by the party responsible for compliance could void the user's authority to operate the equipment.

Note: This equipment has been tested and found to comply with the limits for a Class B digital device, pursuant to part 15 of the FCC Rules. These limits are designed to provide reasonable protection against harmful interference in a residential installation. This equipment generates, uses and can radiate radio frequency energy and, if not installed and used in accordance with the instructions, may cause harmful interference to radio communications. However, there is no guarantee that interference will not occur in a particular installation. If this equipment does cause harmful interference to radio or television reception, which can be determined by turning the equipment off and on, the user is encouraged to try to correct the interference by one or more of the following measures:

- – Reorient or relocate the receiving antenna of radio or TV set;
- – increase the separation between the equipment and receiver (i.e. radio or TV set);
- – connect the equipment to an outlet of a circuit different from that to which the receiver (i.e. radio or TV set) is connected;
- – consult the dealer or an experienced radio/TV technician for help.

This device complies with part 15 of the FCC Rules. Operation is subject to the following two conditions: (1) This device may not cause harmful interference, and (2) this device must accept any interference received, including interference that may cause undesired operation.

This equipment complies with FCC radiation exposure limits set forth for an uncontrolled environment and shall be placed and operated with minimum distance of 20 cm between the surface of equipment (antenna) and your body. This equipment must not be co-located or operating in conjunction with any other antennas or transmitters.

For Canada - ISED RSS notice

This device contains licence-exempt transmitter(s)/receiver(s) that comply with Innovation, Science and Economic Development Canada's licence-exempt Radio Standards Specification(s). Operation is subject to the following two conditions: (1) This device may not cause interference and (2) this device must accept any interference, including interference that may cause undesired operation of the device.

This equipment complies with ISED radiation exposure limits set forth for an uncontrolled environment and shall be placed and operated with minimum distance of 20 cm between the surface of equipment (antenna) and your body. This equipment must not be co-located or operating in conjunction with any other antennas or transmitters. Any changes or modifications not expressly approved by the party responsible for compliance could void the user's authority to operate the equipment.

The type label showing the FCC ID 2AMBQ-ATEMX04/IC 22813-ATEMX04 is placed inside the device below the filter and visible during every filter change.

# Environment

Help to preserve the environment. Do not discard the device with household waste. Bring it to the official recycling service near you. Filters may be disposed of with household waste. Do not burn used filters as fuel in a fireplace or for similar purpose.

# Product Storage

When not in use, store your Atem X in a clean, dry place. Use the original packaging for optimal storage.

# Cleaning



**Unplug the power cord before cleaning.**

Use a dry, lint-free cloth to clean external surfaces. Use a vacuum cleaner fitted with dust brush attachment to remove any loose dust from the inlet grille and the Impaktor.

Once removed, the Impaktor can be thoroughly cleaned with a soft brush or a vacuum cleaner fitted with a brush attachment. If required, the Impaktor can be cleaned further by rinsing under running water at a washbasin and then letting it dry.