



YORK airIQ

Air Purifier

Creating healthier & safer environments



YORK airIQ Air Purifier

YORK airIQ is a Saudi-Made Air Purifier, which is the fruit of Al Salem Johnson Controls (YORK) commitment to develop new technologies within the HVAC industry and support VISION 2030 directives to enhance local manufacturing.

By filtering 100% of the air in the room, YORK airIQ provides improved Indoor Air Quality, to ensure healthier ambient for commercial and residential facilities' occupants, through a four-stage air filtration system. YORK airIQ also works as a Disinfectant Unit; by circulating the purified air into the room, keeping a healthy and hygienic environment.

**"filtering 100% of
the air in the room"**



How does YORK airIQ work?

1



The air is pre-filtered by an aluminum filter; to remove large particles, moisture and water.

2



Activated Carbon Filter; using highly-porous charcoal, to trap gases, like odors or smoke.

3



YORK airIQ has high-energy Ultra Violet Lights (UVL) incorporated; creating a robust sterile zone, killing any live bacteria and viruses trapped by the filter-media. UVL also help sterilize the air; as the ultraviolet spectrum produces energy that penetrates and kills the tiniest microbes.

4



A high-quality HEPA filter (*), filters out the finer particles that escapes from the pre-filter. HEPA units have an efficiency rating of 99.95%, which assures a very high level of protection against airborne disease transmission.

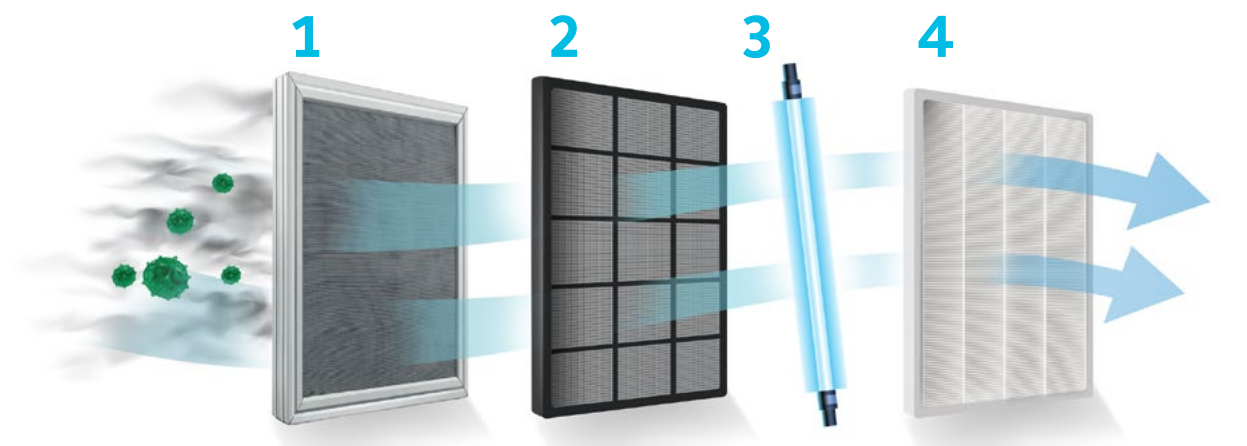
(*) HEPA filters are critical in the prevention of the spread of airborne bacterial and viral organisms and, therefore, infection. A HEPA filter used in conjunction with Aluminum and Activated Carbon pre-filters extend the life of the HEPA filter.

Safety: The UV Interlocks automatically shut off the UV Lights if the system is opened for access.

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Component features

YORK airIQ is the only portable air purifier in the market equipped with these safe and secure components;



1. Aluminum Filter

- Robust yet light weight, reusable with easy cleaning.
- High mechanical strength; withstands variable airflows.
- Extremely low resistance to air-flow, minimizing energy costs.

2. Activated Carbon Filter

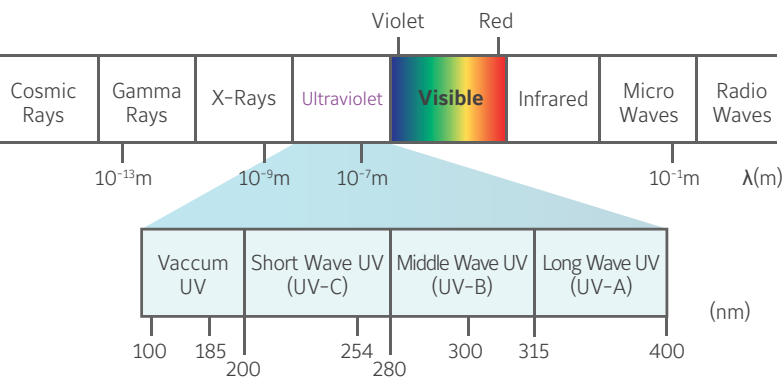
- Higher adsorption efficiency and longer service life.
- Innovative controllable microstructure which delivers high filtration efficiency and high carbon activity.
- Improved indoor air quality; through the effective removal of odors and gases.

3. Ultra Violet Light (UVL)

- Neutralize microorganisms such as bacteria, mold, virus, and other air-born microorganisms trapped into filters.

4. HEPA Filter

- With double sized filter (6inch), achieves H14 (> 99.95%).
- Controlled mini pleat technology provides an exceptionally high ratio of filter media to filter face area.
- Ultra-fine glass fiber media is formed into micro-glass paper, the media is moisture resistant and will not promote microbial growth.



YORK airIQ Air Purifier

YORK airIQ protects you against



Pollen



Bacteria



Dust
Mites



Mold



Viruses



VOCs



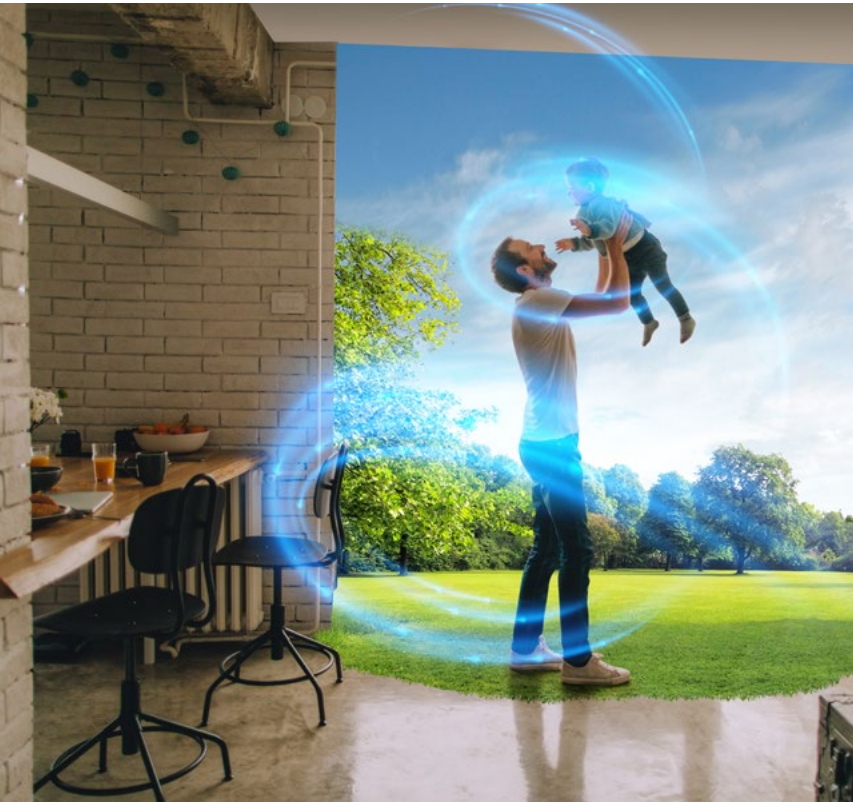
Smoke



Odor



Pet Dander



Why YORK airIQ?



3 level of speeds; allowing faster purifying process when needed



Customizable (*); in color, size and capacity



Portable; easy to move around the area

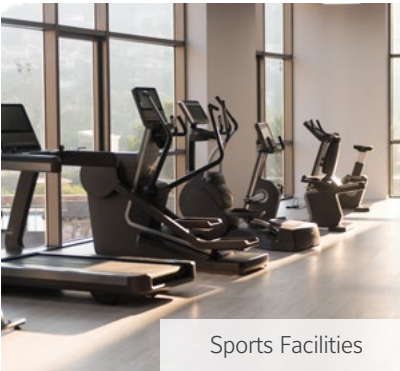
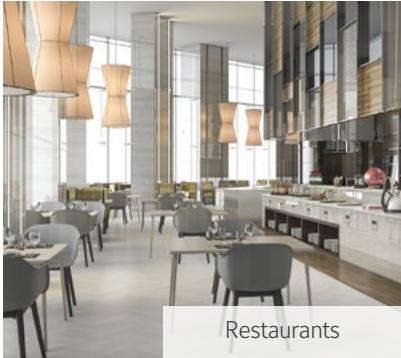
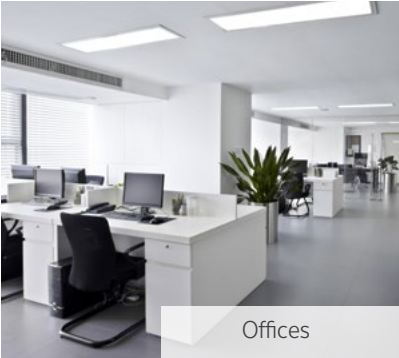


Proudly made in Saudi Arabia

(*): This brochure displays the features of a standard YORK airIQ purifying unit.

YORK airIQ Air Purifier

Applications



Technical Specifications

Model	PH 19
Color	White (customizable)
Unit Dimension (H)*(W)*(L)	855*250*660 mm
Weight	32 kg
Mounting	Floor on wheels
Clean Air Delivery Rate (CADR)	340m³/h
Optimum Area Coverage (*)	50 m²
Power	Max 110W @ 50 Hz or 60 Hz
Fan Speed	Three speed fan
Fan Noise Level	Max 55 dba
Aluminum Filter	Dust and particles arrestance, prolongs life of next filters
Activated Carbon Filter	Absorb odors and smoke
UV Lamp Avg. Intensity	1100 micro watts per cm² at the face of the carbon filter
HEPA Filter	Filter particles down to .3 micron in size @ 99.95% efficiency
Safety	Interlock UV light switch
Remote Control	Yes

YORK airIQ has been designed with you in mind, making your spaces clean and safer. Own it now! Choose a healthier environment.

(*): Area Coverage according to 2 air cleaning cycles per hour.