

NQ360-720

Ceiling-Mounted Air Purification System



The NQ360-720 combines efficacy and aesthetics as it provides the cleanest, safest air to just about any space. This patented air purification system delivers 2 levels of filtration and ultraviolet disinfection. It destroys pathogens and improves indoor air quality, delivering the highest levels of protection for occupants.

The NQ360-720 purifies air with 2 proven processes:

2 Stages of Mechanical Filtration



1. 1 Pre-filters of 25 mm - 25-30% - G4
2. ULPA filter ASHRAE- U15
(99.99% at 0.3 μm) - DOP

Ultraviolet Germicidal Irradiation (UVGI)



Two germicidal UV lamps providing a total UV dosage of 4,945 to 11,865 $\mu\text{W sec/cm}^2$

Efficacy

- ✓ Viruses Including Coronavirus (COVID-19)
- ✓ Bacteria
- ✓ Molds/Fungi
- ✓ Allergens

Deployment

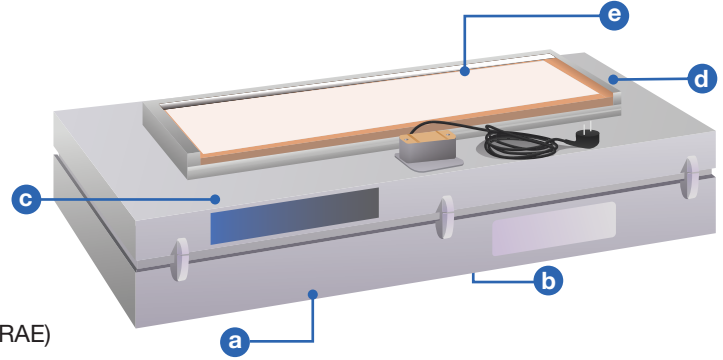
- ✓ Wall/Elevator Installation, Quickly Deployed
- ✓ Autonomous
- ✓ Low Maintenance
- ✓ Fraction of the Cost of Permanent Isolation Rooms
- ✓ No Chemicals/Added Materials

Application

- ✓ Medical
- ✓ Commercial
- ✓ Industrial
- ✓ Military

NQ360-720 - Air Purification System At Work

- a** Air is supplied directly from the HVAC systems or from its recirculating inlet grille that can be added as an option (defined upon applications)
- b** Larger particles are trapped into the pre-filter (25-30% ASHRAE) that is constantly bathed by UV lamps
- c** Air then passes through the UVGI (UV germicidal irradiation) chamber, a highly effective germicide, that destroys viruses, bacteria, fungi and molds
- d** Finally 99.99% of particles and micro-organisms > 0.3 µm are filtered by the ULPA filter U13. As the filter traps only micro-organisms that have been destroyed by UVC, there is no risk of replication in case the unit is switched off
- e** Purified air is discharged directly into the room from the ceiling to the floor



Technical Specifications

Dimensions

Height 14.25" / 362 mm

Width: 23.5" / 597 mm

Depth:

NQ360 23.5" / 597 mm

NQ720 47.5" / 1207 mm

Weight:

NQ360 35.25 lbs / 16 kg

NQ720 59.5 lbs / 27 kg

Power Supply

115 V - 60 Hz / 230 V - 50 Hz

Power

NQ320 - 126.5Watts (High Speed)

NQ720 - 253 Watts (High Speed)

Air Volume

NQ360 - 360 cfm - 170 l/s -

612 m³/h (High Speed)

NQ720 - 720 cfm - 340 l/s -

1224 m³/h (High Speed)

Noise Level

NQ360 - 61 dBA - (High Speed)

NQ720 - 65 dBA - (High Speed)

Filtration + UVGI Features

Pre-filter: 1" - 25 mm / 30%

ASHRAE - G4*

HEPA filter: 3.5" / 89 mm - U15**

- ASHRE - DOP - 99,99% > 0.3 µm

UV Zone:

NQ360 - 2 lamps of 22" - 559 mm

NQ720 - 4 lamps of 22" - 559 mm

UV Dosage:

NQ360 - 4,945 µWsec/cm²

NQ720 - 11,865 µWsec/cm²

Replacement Parts

#NQ55UVQ: UVC Replacement Lamp

#NQ360HEPA: HEPA Filter

#NQ720HEPA: HEPA Filter

#NQ12361: 1" Pre-filter

*According to EN 779

About NQ Industries

NQ Industries Inc. is a leader in air purification technology. Our proven high-efficiency air filtration and sterilization systems safeguard residential, commercial, military and healthcare environments. As regarded experts, we have been providing Airborne Infection control solutions to thousands of worldwide medical facilities for over 28 years.

nqinc.com

**Solutions for
pure, safe air**

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