

NQ400 Wall-mounted Air Purification System



Occupants can breathe easy when the NQ400 is constantly producing purified and sanitized air with uniform optimization of airflow and volume within the entire room. This patented system delivers 2 levels of filtration and an ultraviolet purification zone. It destroys pathogens and improves indoor air quality, delivering the highest levels of protection for medical, commercial, and military facilities.

The NQ400 purifies air with 2 proven processes:

2 Stages of Mechanical Filtration



1. 1 Pre-filter of 102 mm – 25-30% ASHRAE – G4
2. HEPA filter ASHRAE- H14 (99.99% at 0.3 μm) – DOP

Ultraviolet Germicidal Irradiation (UVGI)



Two germicidal UV lamps providing a total UV dosage of 32,000 $\mu\text{W sec/cm}^2$

Efficacy

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

Deployment

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

Application

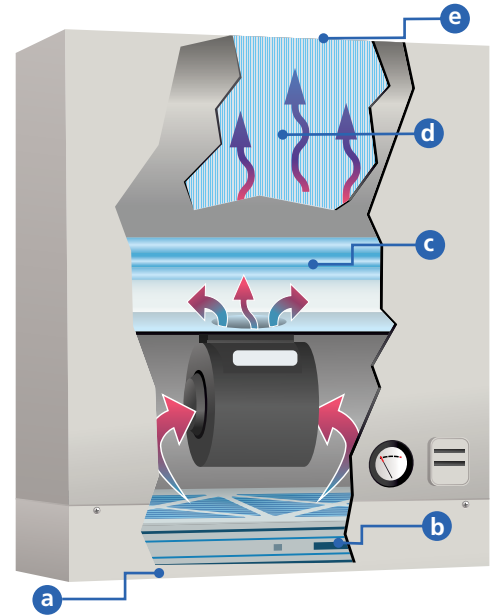
- ✓ Commercial
- ✓ Medical
- ✓ Industrial
- ✓ Military

For More Information Contact

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**NQ400 - [ITEM # NQ400RM]
Wall-Mounted Air Purification System At Work**

- a** Air is recirculated into the bottom part of the machine
- b** Larger particles are trapped into the pre-filter (G4 – 25-30% ASHRAE)
- 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 HEPA filter H14. This filter is constantly bathed by UV lamps. As the filter traps only micro-organisms that have been destroyed by UVC's, there is no risk of replication in case the unit is switched off
- e** Purified air is discharged, in the top part of the unit, via a discharge system specially designed ("Upflow") to optimize the room's effective air change rate



Technical Specifications

Dimensions

Height 32" / 810 mm
Width: 26" / 660 mm
Depth: 12.5" / 317 mm
Weight: 83 lbs / 37.6 kg

Power Supply

115 V – 60 Hz

Power

276 Watts (Max Speed)

Air Volume

500 cfm – 236 l/s – 849.5 m³/h

Noise Level

55 dBA – (High Speed)

Filtration + UVGI Features

Pre-filter: 4" – 102 mm / 30% ASHRAE – G4*

HEPA Filter: 12" – 305 mm – MERV16 – 99.99% > 0.3 µm

UV Dosage: 32,000 µWsec/cm²

Post Filter: Carbon Impregnated

Replacement Parts

#NQ55UVQ: UVC Replacement Lamp

#NQ12241299: Hepa Filter

#NQ122230: 2" Pre-filter

#NQ1224230: 4" Pre-filter

#NQ-NP-50: Neg Press Top

*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 27 years.

nqinc.com

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