

NQ1000

A More Powerful Air Purification System

NQ1000 is designed with the same patented air purification technology found throughout our product portfolio, and even more power per cubic foot. This proven system delivers 3 levels of filtration and an ultraviolet purification zone. It destroys pathogens and improves indoor air quality, delivering the highest levels of protection for occupants



3 Stages of Mechanical Filtration



1. 1 Pre-filters of 51 mm – 25-30% – G4
2. 1 Pre-filter of 102 mm – 25-30% – G4
3. HEPA filter ASHRAE- H14 (99.99% at 0.3 μm) – DOP

Ultraviolet Germicidal Irradiation (UVGI)



Six germicidal UV lamps providing a total UV dosage of 73,236 $\mu\text{W sec/cm}^2$

Efficacy

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

Deployment

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

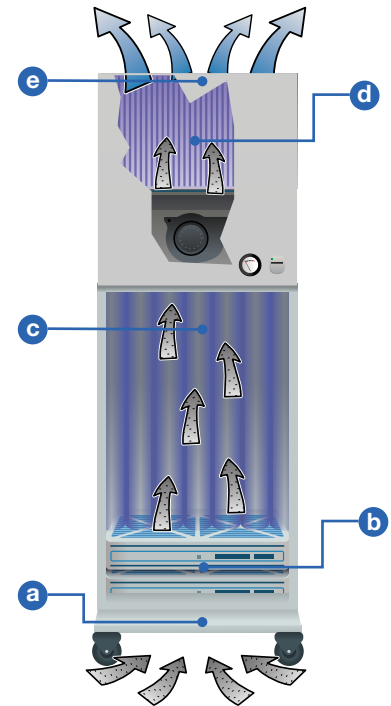
Application

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

NQ1000 - [ITEM # NQ1000RM]

The Height of Air Purification Systems At Work

- a** Air is **recirculated** into the bottom part of the machine
- b** Larger particles are trapped into the **2 stages of the pre-filters (25-30% ASHRAE)** that are 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 HEPA Filter H14**. 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 maximize and optimize the room's effective air change rate



Dimensions

Height 86" / 2184 mm

Width: 26" / 660 mm

Depth: 26" / 660 mm

Weight: 184 lbs / 83.5 kg

Power Supply

115 V – 60 Hz / 230 V – 50 Hz

Power

1035 Watts (High Speed)

Air Volume

1347 cfm – 636 l/s – 2289 m³/h
(High Speed)

Noise Level

56 dBA – (High Speed)

Filtration + UVGI Features

Pre-filter 1: 2" – 51 mm / 30%
ASHRAE – G4*

Pre-filter 2: 4" – 102 mm / 30%
ASHRAE – G4*

HEPA Filter: 12" – 305 mm – H14 –
ASHRE – DOP – 99.99% > 0.3 µm

UV Zone: 6 lamps of 36" – 915 mm

UV Dosage: 92,960 µWsec/cm²

Replacement Parts

#NQ7UVQ: UVC Replacement Lamp

#NQ242499: Hepa Filter

#NQ1242435: 2" Pre-filter

#NQ2242435: 4" Pre-filter

#NQ-NP-100: 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 28 years.

nqinc.com

**Solutions for
pure, safe air**