



NQ Violet Series™ Ultra Wall-Mounted Air Purification System

The unit has 4 levels of filtration that destroy bacteria, viruses, fungi, allergens, and molds.

Within a very short period of time the system filters and purifies, thus improving the indoor air quality in Convalescent Homes, Churches, Schools, and anywhere where people meet.

Efficacy proven in real conditions for over 27 years (references available on request). The ultraviolet disinfection allows our units to offer a high protection without utilizing any chemicals or added materials.

High efficiency 99.99% HEPA

- Installed on the wall, quickly deployed
- Light, easy to install
- Autonomous
- System utilizing recognized processes
- Low maintenance
- Quiet operation

The NQ Violet Series™ Ultra purifies air with 2 recognized processes:

FILTRATION – three stages of filtration:

- Carbon impregnated pre filter
- HEPA filter ASHRAE – H14 (99.99% at 0.3 µm)
- Proprietary Nano-Titanium Photocatalyst
- Ultraviolet disinfection zone

UV DISINFECTION – Dual high output UVC bulbs providing a total UV dosage of 60,000 µWsec/cm² to inactivate micro-organisms and stimulate the photocatalyst screens

Working Principle:

- The air is recirculated through 2 inlet grills
- Particles > 10 µm are trapped by the carbon pre-filter
- The air then passes through an activated carbon filter, optimized to treat odors problems, VOC's and chemical pollutants
- After 99.99% of particles and micro-organisms > 0.3 µm are filtered by an HEPA filter H14
- The air is then treated by the proprietary deodorizing screen; which additionally gives off OH radicals for the breakdown of organic compounds
- Viruses, bacteria, fungi, allergens and molds are finally destroyed by UVC germicidal irradiation in the UV zone
- Purified air is discharged through the exhaust grill

Technical features:

Height	14" – 355mm
Width	36" – 915 mm
Depth	8" – 200 mm
Weight	23 lbs – 10.5 kg
Power supply	115 V – 60 Hz
Power	250 Watts (high Speed)
Air volume	755 cfm – 356 l/s – 1283 m ³ /h

Noise level	47 dBA – (medium speed)
Pre-filter	> 10 microns
HEPA filter	ASHRAE – H14* – DOP – 99.99% > 0.3 µm
UV zone	2 x 95W Watt UVGI lamp
UV dosage	60,000 µWsec/cm ²

*According to EN 1822

Maintenance required:

Carbon Pre-filter	Pre-filter 6 months (change)
HEPA filter	18 months
UVGI lamps	9,000 hours