

NQ500

NQ[®]

Air Treatment System

Patented engineered solutions to airborne infection control and compliance with OSHA and CDC guidelines.



- Complete mixing pattern created as a 6'6" high unit sends clean air to the upper part of the room, forcing heavier particles and droplet nuclei down away from breathing zone and into unit's inlet
- HEPA filtration removes 99.97% of organisms that are 0.3 microns or larger
- Circulates air into self-contained bactericidal and virucidal ultraviolet radiation chamber
- Three 36" UV lamps provide a full backup to the HEPA media and ensure that the interior of the unit remains bacteria-free
- Mobile or wall mounted models available
- Carbon model (NQ500-C), with a unique activated carbon cell system that has one of the lowest static pressure drops in the industry, is also available for effective odor and chemical removal

Applications

Sick Buildings

Nursing Homes

Cafeterias and Restaurants

Beauty and Barber Shops

Smoking Lounges

Dental Labs

Locker Rooms

Recreation Centers

Medical Clinics

Research Labs

Printing Areas

Veterinary Clinics

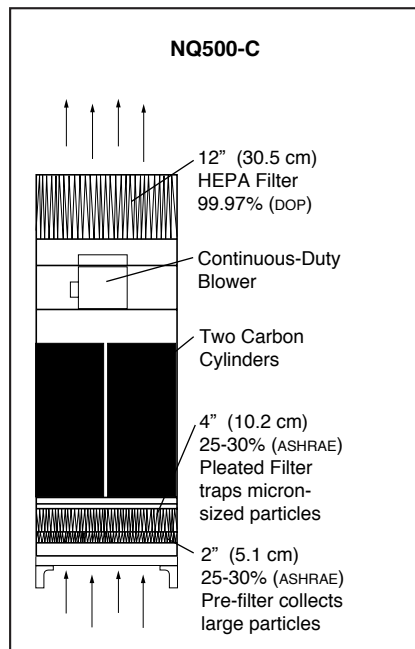
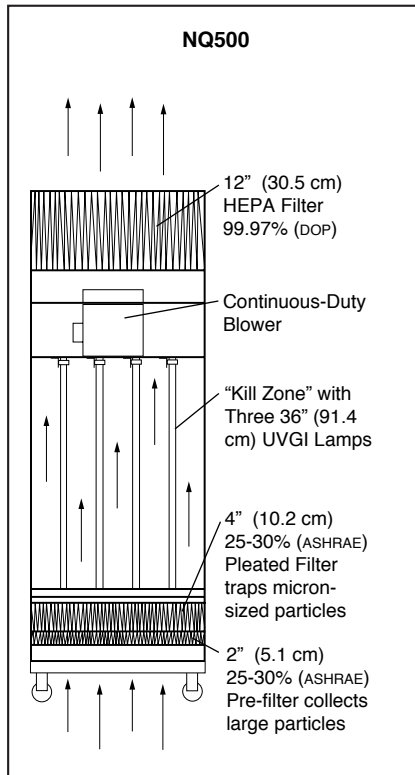
NQ[®] Environmental inc.

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Fax (860) 832-4620

NQ500 Specifications



Top of unit is available with full louvers for complete recirculation, or with a 10" (25.5 cm) duct connection to create negative pressure and louvers for partial air recirculation.

The NQ500-C (see bottom left) has two 22" cylinders, holding a total of 60 lbs. of activated carbon, instead of the UVGI lamps, adding 60 lbs. to the weight of the unit. A 90-95% ASHRAE filter may be substituted for the HEPA filter (in non-medical applications), increasing airflow and air changes per hour (ACH).

All other specifications are the same as listed below.

Height	78" (198.1 cm)
Width	26" (66.0 cm)
Depth	13" (33.0 cm)
Weight	184 lbs. (83.5 kg)
Electrical	115V-60HZ
Amps	3.5 (high speed) 2.7 (low speed)
Airflow (CFM/CMM)	500/14.24 (high); 420/12.8 (low)
Pressure Gauge	0-1" WC (0-2.5 cm WC)
dBA Rating	55 (high); 54 (low)
Hour Meter	99,999 hours
Filters	
Pre-filter	2" (5.1 cm), 25-30% (ASHRAE)
Pleated	4" (10.2 cm), 25-30% (ASHRAE)
HEPA	12" (30.5 cm), 99.97% (DOP), 0.3 μ
UV	Three 36" (91.4 cm) quartz UV lamps
Total Output	55 UV watts
Dosage in Kill Zone	46,480 μ -w/cm ²

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NQ Environmental Inc. reserves the right to upgrade engineering specifications without notice.

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