

NQ1000/NQ2000

NQ[®]

Air Treatment Systems

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



- Provide increased airflow required to meet recommended air changes in larger areas
- High level supply directs treated air onto the ceiling, where it fans out across the room, forcing particles and droplet nuclei down away from breathing zone and into inlet of unit
- Circulates air into self-contained bactericidal and virucidal ultraviolet radiation chamber
- Negative pressure option allows simultaneous recirculation of treated air and creation of negative pressure by exhausting air
- Normally supplied with mounting legs and casters, but may also be wall mounted or hung horizontally from ceiling supports
- Locked door provides easy access to unit for changing filters
- Carbon models (NQ1000-C and NQ2000-C), with a unique activated carbon cell system that has one of the lowest static pressure drops in the industry, are also available for effective odor/VOC removal



Inside view of NQ2000 unit.

NQ[®] Environmental inc.

221 South Street, New Britain, CT 06051
1-800-837-8650 • (860) 832-4610
Fax (860) 832-4620

Applications

Waiting rooms

Emergency rooms

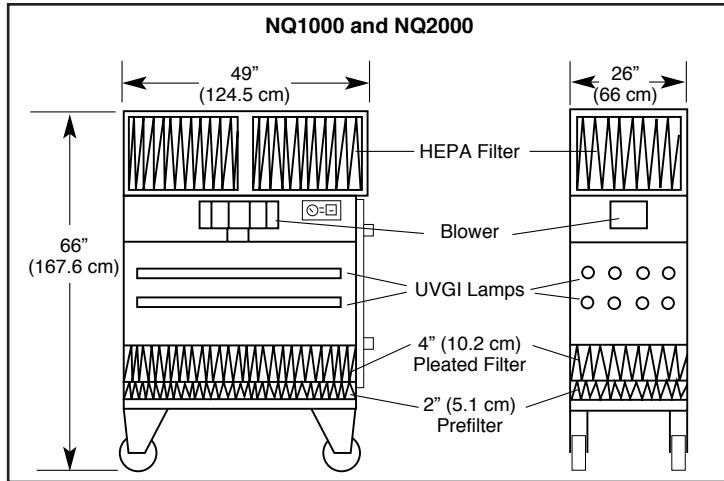
Morgues

Autopsy rooms

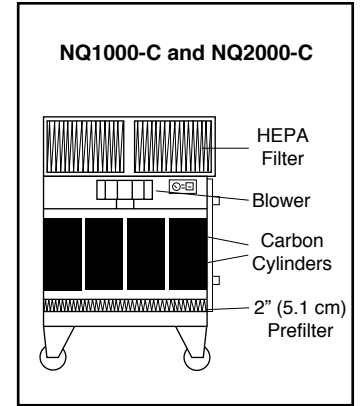
Isolation suites

Common areas

NQ1000/NQ2000 Specifications



Top is available with full louvers for complete recirculation. Other options include 18" x 18" (45.7 x 45.7 cm) cutouts for local duct connection to create negative pressure, or a combination of cutouts and louvers for negative pressure and partial air recirculation.



The NQ1000-C and NQ2000-C contain eight 22" cylinders, holding a total of 240 lbs. of carbon, in place of the UV lamps and the 4" pleated filter (see above right). If the carbon cell system is used, add 240 lbs. to the weight of unit.

All other specifications are the same as listed below.

	NQ1000	NQ2000
Height	66" (167.6 cm)	66" (167.6 cm)
Width	49" (124.5 cm)	49" (124.5 cm)
Depth	26" (66 cm)	26" (66 cm)
Weight	330 lbs. (149.3 kg)	350 lbs. (158.9 kg)
Electrical	115V-60Hz	115V-60Hz
Amps	5	10
Airflow (CFM)	1,000 (30.5 CMM)	2,000 (61 CMM)
Blower: Backward inclined impeller	1 per unit	2 per unit
Pressure Gauge	0-1" (0-2.5 cm)	0-1" (0-2.5 cm)
dBA Rating	55	65
Hour Meter	99,999 hrs.	99,999 hrs.
Indicator Lights	2 per unit	4 per unit
UVGI Lamps 45" (114.3 cm) long	4 per unit	8 per unit
UV Dosage	30,851 $\mu\text{W-sec}/\text{cm}^2$	54,298 $\mu\text{W-sec}/\text{cm}^2$
Filters:		
Prefilter	24" x 24" x 2" (61 x 61 x 5.1 cm) 30% (ASHRAE)	2 per unit
Pleated	24" x 24" x 4" (61 x 61 x 10.2 cm) 30% (ASHRAE)	2 per unit
HEPA	24" x 24" x 12" (61 x 61 x 30.5 cm) 99.97% (DOP)	2 per unit

NQ Environmental inc.

221 South Street, New Britain, CT 06051
 1-800-837-8650 • (860) 832-4610 • Fax (860) 832-4620
 email: nqinc@nqinc.com • http://www.nqinc.com

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