

NQ250/NQ400

NQ[®]

Air Treatment Systems

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



NQ250/400 showing negative pressure option.

- Wall-mounted 18" down from the ceiling, providing 46" of useable clear space under the units
- Louvers direct the treated air at a 45° angle to the ceiling, where it spreads out across the whole ceiling, setting up a complete mixing pattern in the room
- NQ250 provides an airflow of 250 CFM; NQ400 provides 450 CFM
- 30% efficient 4" pre-filter extends the life of the HEPA filter to two years
- Factory-installed with a top for complete air recirculation or with a top that allows for simultaneous air recirculation and creation of negative pressure
- UVGI option (NQ250-UV and NQ400-UV) available for destruction of airborne bacteria and disease
- Carbon models (NQ250-C and NQ400-C), with a unique activated carbon cell system, are also available for odor/VOC control applications

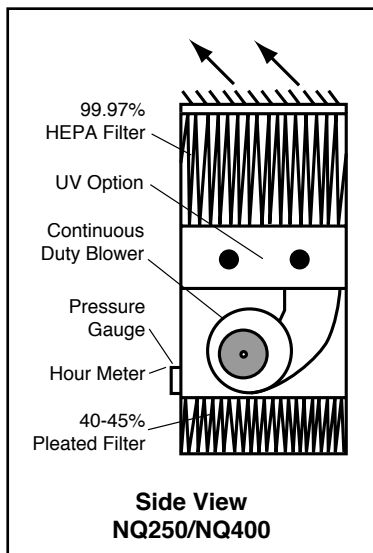
Applications

Isolation rooms	Small dental operatories
ICU rooms	
Examination rooms	Any area where floor and wall space are at a premium
Interview rooms	

NQ[®] Environmental inc.

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NQ250/NQ400 Specifications

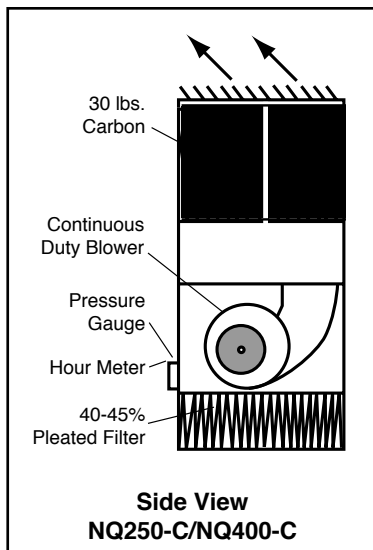


Top of unit is available with full louvers for complete recirculation, or with a 10" (25.5 cm) duct connection to create negative pressure and louvers for partial air recirculation.

Two 22" UVGI lamps are installed above the blower in the NQ250-UV and NQ400-UV units.

NQ250-C and NQ400-C units are standard with two rechargeable 11.5" dia. metal cylinders, holding a total of 30 lbs. of carbon in place of the HEPA filter (see bottom left). If HEPA filter is replaced with the carbon cell system, add 30 lbs. to the weight of the unit. Other carbon and filter options are available upon request.

All other specifications are the same as listed below.



	NQ250	NQ400
Height	32" (81.3 cm)	32" (81.3 cm)
Width	26" (66.0 cm)	26" (66.0 cm)
Depth	13" (33.0 cm)	13" (33.0 cm)
Weight: lbs.	90	95
kg	40.9	43.1
Electrical	115V-60HZ	115V-60HZ
Amps	1.75	3.2
Airflow: CFM	250	400
CMM	7.62	12.2
Pressure Gauge	0-1" (0 - 2.54 cm)	0-1" (0 - 2.54 cm)
dBA Rating	40	55
Hour Meter	99,999 hours	99,999 hours
Filters		
Pleated	4", 40% (ASHRAE) (10.2 cm)	4", 30% (ASHRAE) (10.2 cm)
HEPA	12", 99.97% (DOP) (30.5 cm)	12", 99.97% (DOP) (30.5 cm)
UV Dosage	19,334 $\mu\text{w-sec/cm}^2$	12,447 $\mu\text{w-sec/cm}^2$
Max. Room Size for 12 ACH with 8' (2.44 m) Ceiling	156 sq. ft. (12' x 13') (14.5 m²) (3.6 m x 4 m)	250 sq. ft. (14' x 18') (23.2 m²) (4.6 m x 5 m)

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

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