

## Technical Information

Specifications	GC Series	GCX Series	Dental Series
Maximum air delivery *	260 cfm	300 cfm	260 cfm
Air delivery for all six fan speeds (in cfm) *	35 70 110 140 170 260	45 85 130 170 210 300	35 70 110 140 170 260
Dimensions (W x D x H)	15" x 16" x 28"	15" x 16" x 40"	15" x 16" x 28"
Weight (incl. filters & cartridges)	from 39 to 46 lbs.	from 59 to 74 lbs.	from 41 to 42 lbs.
Power requirements	120 Volt / 60 Hz		
Maximum energy consumption	215 w		
Fan motor	700 cfm, 2750 rpm, centrifugal, backward curved, UL/CSA registered		
Control panel	4-key touch-pad with 32 character LCD display		
Air intake	dual arches at base of unit		
Air outlet	320° EvenFlow™ diffuser		
Color of main housing / locking arms	light grey / blue	light grey / blue	light grey / white
Housing material	non-offgasing, impact-resistant, UV-stabilized ABS		

Performance	
Performance certification	every system is factory certified and issued with individual Certificate of Performance
Certified filtration efficiency	greater than 99% for particles ≥ 0.3 microns (µm)
Certified air delivery	+/- 10% (+ 10 cfm) of specified air delivery
Leak tested	yes

Filter / Cartridge Configuration				
Pre-filter	Type:	high-efficiency HEPA fine dust pre-filter		
	Purpose:	control of coarse and fine dust particles; protection of subsequent filters		
	Media type:	HEPA class H11; mini-pleat with solvent-free separators		
	Surface area:	30 sq.ft.	59 sq.ft.	30 sq.ft.
Gas & odor filter (Set of 4 cartridges) (weights are approx.)	Type:	gas and odor control cartridges		
	Purpose:	control of specific of gaseous and chemical contaminants		
	Media type:	MultiGas: 12 lbs granular activated carbon & impregnated alumina VOC: 10 lbs granular activated carbon Chemisorber: 17 lbs granular impregnated alumina (with KMnO <sub>4</sub> impregnated) AM: 11 lbs granular impregnated carbon	MultiGas: 22 lbs granular activated carbon & impregnated alumina VOC: 17 lbs granular activated carbon Chemisorber: 31 lbs granular impregnated alumina (with KMnO <sub>4</sub> impregnated) AM: 21 lbs granular impregnated carbon	Pro: 12 lbs granular impregnated activated alumina, activated carbon & impregnated activated carbon Hg: 11 lbs granular impregnated activated carbon
	Chemical and odor control:	MultiGas: wide range of gaseous organic and inorganic chemicals VOC: volatile organic compounds, solvents, etc. Chemisorber: formaldehyde, hydrogen sulfide, sulfur dioxide, etc. AM: ammonia and ammonia compounds	airborne viruses and bacteria, mercury vapors, formaldehyde, alcohol, solvents, combustion particles, plasticizing agents, aerosolized fluids, tissue, viruses and bacteria, powder particles etc.	
Post-filter sleeves (Set of 4)	Type:	post-filter sleeves		
	Purpose:	fine dust post-filtration		
	Media type:	electrostatically charged fiber		
	Surface area:	6.5 sq.ft.	13.2 sq.ft.	6.5 sq.ft.
Average Filter Life Based on 8 hours usage per day on speed setting 3.		Pre-filter: 6 – 18 months Gas & odor filter: 1 – 3 years Post-filter sleeves: 1 – 3 years	Pre-filter: 6 – 18 months Gas & odor filter: 2 – 4 years Post-filter sleeves: 2 – 4 years	Pre-filter: 6 – 18 months Gas & odor filter: 1 – 3 years Post-filter sleeves: 1 – 3 years

Control Panel Features	
Display languages	English (default), French, German, Spanish
Features	intelligent filter life monitor, filter life status LED, 2 time period programmable timer (hourly/daily), 6 speed settings, timer status LED

Accessories	
Standard	remote control (battery included) set of casters
Optional	wall mount bracket, positive/negative pressure ducting, coarse dust pre-filter

Warranty period on parts and labor (excluding filters)	
Residential use	5 years
Commercial use	1 year