

Technical Specification



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 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 ₄ 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 ₄ impregnated) AM: 21 lbs granular impregnated carbon	MultiGas: 12 lbs granular impregnated activated alumina, activated carbon & impregnated activated carbon Hg: 11 lbs granular impregnated, activated carbon
	Chemical & 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 10 hours usage per day on speed setting 3)	Pre-filter:	6-18 months	Pre-filter: 6-18 months	Pre-filter: 6-18 months
	Gas & odor filter:	1-3 years	Gas & odor filter: 2-4 years	Gas & odor filter: 1-3 years
	Post-filter sleeves:	1-3 years	Post-filter sleeves: 2-4 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 speeds, 2 time periods programmable timer (hourly/daily), timer status LED, 6 speed settings

Accessories			
Standard	remote control (battery included), set of casters	remote control (battery included)	remote control (battery included), set of casters, FlexVac™ source capture kit (for Dental Hg only)
Optional	wall mount bracket, positive/negative pressure ducting, coarse dust pre-filter		

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

All technical specifications are subject to change without prior notice.

* tolerance +/- 10% (+ 10 cfm)

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