

## 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							
<b>Pre-filter</b> Type: Purpose: Media type: Surface area:	high-efficiency HEPA fine dust pre-filter control of coarse and fine dust particles; protection of subsequent filters HEPA class H11; mini-pleat with solvent-free separators 30 sq.ft.   59 sq.ft.   30 sq.ft.						
<b>Gas &amp; odor filter (Set of 4 cartridges)</b> (weights are approx.) Type: Purpose: Media type: Chemical and odor control:	gas and odor control cartridges control of specific of gaseous and chemical contaminants <table border="0"> <tr> <td> <b>MultiGas:</b> 12 lbs granular activated carbon &amp; impregnated alumina  <b>VOC:</b> 10 lbs granular activated carbon  <b>Chemisorber:</b> 17 lbs granular impregnated alumina (with KMnO<sub>4</sub> impregnated)  <b>AM:</b> 11 lbs granular impregnated carbon                             </td> <td> <b>MultiGas:</b> 22 lbs granular activated carbon &amp; impregnated alumina  <b>VOC:</b> 17 lbs granular activated carbon  <b>Chemisorber:</b> 31 lbs granular impregnated alumina (with KMnO<sub>4</sub> impregnated)  <b>AM:</b> 21 lbs granular impregnated carbon                             </td> <td> <b>Pro:</b> 12 lbs granular impregnated activated alumina, activated carbon &amp; impregnated activated carbon  <b>Hg:</b> 11 lbs granular impregnated activated carbon                             </td> </tr> <tr> <td> <b>MultiGas:</b> wide range of gaseous organic and inorganic chemicals  <b>VOC:</b> volatile organic compounds, solvents, etc.  <b>Chemisorber:</b> formaldehyde, hydrogen sulfide, sulfur dioxide, etc.  <b>AM:</b> ammonia and ammonia compounds                             </td> <td colspan="2">                     airborne viruses and bacteria, mercury vapors, formaldehyde, alcohol, solvents, combustion particles, plasticizing agents, aerosolized fluids, tissue, viruses and bacteria, powder particles etc.                 </td> </tr> </table>	<b>MultiGas:</b> 12 lbs granular activated carbon & impregnated alumina <b>VOC:</b> 10 lbs granular activated carbon <b>Chemisorber:</b> 17 lbs granular impregnated alumina (with KMnO <sub>4</sub> impregnated) <b>AM:</b> 11 lbs granular impregnated carbon	<b>MultiGas:</b> 22 lbs granular activated carbon & impregnated alumina <b>VOC:</b> 17 lbs granular activated carbon <b>Chemisorber:</b> 31 lbs granular impregnated alumina (with KMnO <sub>4</sub> impregnated) <b>AM:</b> 21 lbs granular impregnated carbon	<b>Pro:</b> 12 lbs granular impregnated activated alumina, activated carbon & impregnated activated carbon <b>Hg:</b> 11 lbs granular impregnated activated carbon	<b>MultiGas:</b> wide range of gaseous organic and inorganic chemicals <b>VOC:</b> volatile organic compounds, solvents, etc. <b>Chemisorber:</b> formaldehyde, hydrogen sulfide, sulfur dioxide, etc. <b>AM:</b> 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.	
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<b>Post-filter sleeves (Set of 4)</b> Type: Purpose: Media type: Surface area:	post-filter sleeves fine dust post-filtration electrostatically charged fiber 6.5 sq.ft.   13.2 sq.ft.   6.5 sq.ft.						
<b>Average Filter Life</b> 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	remote control (battery included)	remote control (battery included) set of casters FlexVac™ source capture kit
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		