

# 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> </table> airborne viruses and bacteria, mercury vapors, formaldehyde, alcohol, solvents, combustion particles, plasticizing agents, aerosolized fluids, tissue, viruses and bacteria, powder particles etc.	<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> 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>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 10 hours usage per day on speed setting 3.	<table border="0"> <tr> <td>Pre-filter: 6 – 18 months</td> <td>Pre-filter: 6 – 18 months</td> <td>Pre-filter: 6 – 18 months</td> </tr> <tr> <td>Gas &amp; odor filter: 1 – 3 years</td> <td>Gas &amp; odor filter: 2 – 4 years</td> <td>Gas &amp; odor filter: 1 – 3 years</td> </tr> <tr> <td>Post-filter sleeves: 1 – 3 years</td> <td>Post-filter sleeves: 2 – 4 years</td> <td>Post-filter sleeves: 1 – 3 years</td> </tr> </table>	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
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, programmable timer (hourly/daily), 2 speeds, timer status LED, adjustable filter load index

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

Warranty	
Warranty period	1 year on parts and labor (excluding filters)