

General Specifications	
Power requirements	220-240 V, 50/60 Hz
Energy consumption *	1: 20, 2: 36, 3: 54, 4: 74, 5: 105, 6: 135 Watt; Standby: <1 Watt
Dimensions (without / with packaging)	H 71 x W 38 x D 41 cm / carton 1: H 84 x W 43 x D 45 cm; carton 2: H 32 x W 33 x D 33 cm
Weight (without / with packaging)	21 kg / 26 kg
Air delivery (incl. filters) *	1: 50, 2: 90, 3: 150, 4: 220, 5: 280, 6: 400 m <sup>3</sup> /h
Sound pressure/power level **	L <sub>p</sub> 1: 22, 2: 33, 3: 41, 4: 47, 5: 52, 6: 57 dB(A); L <sub>w</sub> 1: 32, 2: 43, 3: 51, 4: 57, 5: 62, 6: 67 dB(A)
Fan motor	centrifugal, backward curved, with thermal protector, non-stop use approved
Control panel	4-key touch-pad with 16 character 2-line LCD display
Air intake	dual arches at base of unit
Air outlet	320° EvenFlow™ diffuser
Colour of main housing / locking arms	light grey / white
Housing material	non off-gassing, impact-resistant, UV-stabilized ABS
Performance	
Total system efficiency (certified)	≥ 99% for particles ≥ 0.3 µm (individually tested at highest fan speed)
Air delivery (certified)	yes (individually tested with all filters fitted)
Leak tested	yes
Filter Configuration	
Pre-filter	<p><b>GC HEPA Pre-Filter H11 (S)</b></p> <p>Purpose: control of coarse, fine &amp; ultra-fine dust particles; protection of subsequent filters</p> <p>Media: non-woven glass microfiber HEPA filter</p> <p>Efficiency: ≥99% at ≥ 0.3 µm (class H11)</p> <p>Surface area: approx. 3.0 m<sup>2</sup></p>
Gas & odour filter	<p><b>Dental Filter Cartridge Set</b></p> <p>Purpose: control of a wide range or specific chemical substances and odours</p> <p>Media options:</p> <p><b>Dental Pro</b>: approx. 5.0 kg granular impregnated activated carbon (2 x AC/4-S); activated carbon &amp; impregnated alumina (2 x AC/4 + IA/4)</p> <p><b>Dental Hg</b>: approx. 5.0 kg granular impregnated activated carbon (AC/4-S)</p>
Post-filter	<p><b>GC Post-Filter Sleeve Set</b></p> <p>Purpose: control of fine &amp; ultra-fine particulate matter</p> <p>Media type: electrostatically charged fiber</p> <p>Surface area: approx. 0.5 m<sup>2</sup></p>
Features	
Display languages	4 user-selectable languages: English, French, German, Italian (or Spanish)
Fan speed settings	6
Intelligent filter life monitor	yes (monitors actual usage of each individual filter)
Filter life status LEDs	3
Advanced timer	yes (allows programming of operating hours and weekdays)
Advanced fan speed selection	yes (allows programming of different fan speeds for 2 different time periods)
Adjustable filter load indices	3 (large dust, chemicals and fine dust)
Supplied accessories	remote control (incl. battery), power cord with plug, deluxe casters, certificate of performance
Optional accessories	<b>VMF</b> wall-mount bracket, <b>PF40</b> coarse dust pre-filter, <b>InFlow</b> , <b>VM InFlow</b> & <b>OutFlow</b> duct connections, <b>FlexVac</b> & <b>VM FlexVac</b> mobile & wall-mounted source capture kits.
Electrical safety certification	IEC/IECEE (CB-Scheme), CE, SEV, KTL, EAC

\* per fan speed measured at 230V, 50Hz; tolerance ± 10% (± 10 m<sup>3</sup>/h); \*\* tolerance: ± 3 dB(A); All technical specifications are subject to change without prior notice.