

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: H 84 x W 43 x D 45 cm
Weight (without / with packaging)	16 kg / 20 kg
Air delivery (incl. filters) *	1: 55, 2: 100, 3: 170, 4: 250, 5: 320, 6: 450 m³/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 / green
Housing material	non off-gassing, impact-resistant, UV-stabilized ABS
Performance	
MPPS efficiency (according to EN1822)	≥ 99.95% at airflow rate ≤ 190 m³/h; ≥ 99.5% at airflow rate ≤ 475 m³/h
Total system efficiency (certified)	≥ 99.97% for particles ≥ 0.3 µm (individually tested at highest fan speed)
Air delivery (certified)	yes
Leak tested	yes
Filter Configuration	
Pre-filter	<b>CR PreMax™ Filter F8 (S) A</b> Purpose: control of coarse & fine particulate matter; protection of subsequent filters Media: antimicrobial non-woven glass microfiber, mini-pleated for high-capacity Efficiency: ≥ 55% at ≥ 0.3 µm (class F8) Surface area: 2.8 m²
Gas & odour filter	<b>V5-Cell™ MultiGas: 2.5 kg granulated activated carbon &amp; impreg. activated alumina (AC/4 + IA/4)</b> Purpose: control of a wide range of specific chemical contaminants and odours <b>Alternative gas phase filters (for retro-fitting):</b> <b>V5-Cell™ VOC:</b> 2.3 kg granular activated carbon (AC/4) <b>V5-Cell™ CS:</b> 3.9 kg granular impregnated alumina (IA/4) <b>V5-Cell™ AM:</b> 2.7 kg granular impregnated activated carbon (AC/4-AM) <b>V5-Cell™ Hg:</b> 2.7 kg granular impregnated activated carbon (AC/4-S)
HEPA-filter	<b>CR HyperHEPA® Filter H13 (L) A</b> Purpose: control of fine & ultra-fine particulate matter incl. bacteria, viruses & mould spores Media: antimicrobial hospital-grade HyperHEPA® filter Efficiency: ≥ 99.97% at ≥ 0.3 µm (class H13) Surface area: 5.5 m²
Features	
Display languages	4 user-selectable languages: English, French, German, Italian (or Spanish)
Fan speed settings	6
Anti-tampering arm lock	yes
Anti-tampering power cord	yes
HEPA replacement filter tested & certified	yes (test certificate supplied with replacement filter)
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, <b>SMC</b> side-mounted control panel
Electrical safety certification	IEC/IECEE (CB-Scheme), CE, SEV, KTL, GOST-R
Medical device registration	U.S. FDA-registered as a "Class II Medical Device"; Registration No.: 2087558

\* per fan speed measured at 230V, 50Hz; tolerance ± 10% (± 10 m³/h); \*\* tolerance: ± 3 dB(A); All technical specifications are subject to change without prior notice.



**DÉCLARATION DE CONFORMITÉ  
KONFORMITÄTSERKLÄRUNG / DECLARATION OF CONFORMITY**

Wir/We/Nous

**INCEN AG  
Blumenfeldstrasse 15, CH-9403 Goldach,  
Switzerland**

erklären in alleiniger Verantwortung, dass das Produkt  
declare under our sole responsibility that the product  
déclarons sous notre seule responsabilité que le produit

**IQAir® air cleaning systems Type 101.2**

auf das sich diese Erklärung bezieht, mit den folgenden Normen übereinstimmt.  
to which this declaration relates is in conformity with the following standards.  
auquel se réfère cette déclaration est conforme aux normes.

Safety Test Standards:

**IEC 60335-1: 2001 (ed. 4) incl. corrigendum 1: 2002 + A1: 2004 + A2: 2006 incl. corrigendum 1: 2006  
IEC 60335-2-65: 2002 (2nd ed.) + A1: 2008  
EN 60335-1: 2002 + A1: 2004 + A11: 2004 + A12: 2006 + A2: 2006 + A13: 2008 + A14: 2010  
EN 50366: 2003 + A1: 2006  
EN 60335-2-65: 2003 + A1: 2008  
GOST R 52161.1-2004  
GOST R 52161.2.65-2008**

EMC Test Standards:

**IEC 62233: 2005 (ed. 1)  
IEC 61000-3-2: 2005 + A1: 2008 + A2: 2009 (ed. 3.2)  
IEC 61000-3-3: 2008 (ed. 2)  
IEC 61000-6-2: 2005 (ed. 2)  
EN 55014-1: 2006 + A1: 2009 + A2: 2011  
EN 62233: 2008  
EN 61000-3-2: 2006 + A1: 2009+A2: 2009  
EN 61000-3-3: 2008  
EN 55014-2: 1997 + A1: 2001+A2: 2008  
EN 61000-6-2: 2005  
CISPR 14-1: 2005 + A1: 2008 (ed. 5.1)  
CISPR 14-2: 1997 + A1: 2001 + A2: 2008 (Cons. ed. 1.2)  
GOST R 51318.14.1-2006  
GOST R 51318.14.2-2006  
GOST R 51317.3.2.-2006  
GOST R 51317.3.3-2008**

Gemäss den Bestimmungen der Richtlinien:  
Following the provisions of Directives:  
Conformément aux dispositions des Directives:

**2006/95/EC (Low Voltage Directive)  
2004/108/EC (Electromagnetic Compatibility Directive)**

Place and Date of Issue:

Name and Signature:

Company Seal:

Goldach, January 3, 2012

J Hammes  
Chief Executive Officer

