

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)	20 kg / 25 kg
Air delivery (incl. filters) *	1: 50, 2: 90, 3: 150, 4: 220, 5: 280, 6: 400 m³/h
Sound pressure/power level **	L _{PA} 1: 22, 2: 33, 3: 41, 4: 47, 5: 52, 6: 57 dB(A); L _{WA} 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 / blue
Housing material	non-offgasing, impact-resistant, UV-stabilized ABS
Performance	
Total system efficiency (certified)	≥ 99% for particles ≥ 0.3 microns (individually tested), ≥ 95% at ≥ 0.003 microns
Air delivery (certified)	yes (individually tested with all filters fitted)
Leak tested	yes
Filter Configuration	
Pre-filter	<p>GC HEPA Pre-Filter H11 (S)</p> <p>Purpose: control of coarse, fine & 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: 3.0 m²</p>
Gas & odour filter	<p>GC Filter Cartridge Set</p> <p>Purpose: control of a wide range or specific chemical substances and odours</p> <p>Media: granular activated carbon & impregnated alumina (AC/4 + IA/4)</p> <p>Weight: 5.4 kg</p>
Post-filter	<p>GC Post-Filter Sleeve Set</p> <p>Purpose: control of fine & ultra-fine particulate matter</p> <p>Media type: electrostatically charged fiber</p> <p>Surface area: 0.5 m²</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	VMF wall-mount bracket, PF40 coarse dust pre-filter, InFlow , VM InFlow & OutFlow duct connections, FlexVac & VM FlexVac mobile & wall-mounted source capture kits, SMC side-mounted control panel
Electrical safety certification	IEC/IECEE (CB-Scheme), CE, SEV, KTL, GOST-R

* 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

