§ 94800. Applicability.

Except as provided in Section 94803, this article shall apply to any person who manufactures, sells, supplies, offers for sale, or introduces into commerce in the state of California indoor air cleaning devices, including both medical and non-medical devices.


§ 94801. Definitions.

(a) For the purpose of this article, the following definitions apply:

(1) “Air exchange rate” means the rate at which outdoor air replaces the volume of indoor air within a given space.

(2) “ANSI” means American National Standards Institute.


(3e) “ANSI/UL Standard 1017” means the version of the ANSI/UL Standard for Safety for Vacuum Cleaners, Blower Cleaners, and Household Floor...


(4) “CARB” means the California Air Resources Board.

(5) “Certification mark” means the symbol used by a recognized testing organization to indicate that a representative sample of the product bearing the symbol meets certain quality or safety criteria. For this regulation the organizations of interest are the Nationally Recognized Testing Laboratories (NRTL) that verify compliance with the applicable ANSI/UL or CSA Standards for indoor air cleaning devices.

(6) “CCR” means the California Code of Regulations.


(8) “CSA” means the Canadian Standards Association.

(10) “Concentration” means the amount of a specified substance in a unit amount of another substance.

(11) “de minimis” refers to a quantity so little, small, miniscule or tiny that the law does not refer to it and will not consider it.

(12) “Distributor” means any person to whom an indoor air cleaning device is sold or supplied for the purposes of resale or distribution in commerce.

(13) “Dual-function” means any electronic device that includes an air cleaning component in addition to its primary function.

(14) “Emission” means the release or discharge of a substance into the environment.

(15) “Executive Officer” means the Executive Officer of the Air Resources Board or the Executive Officer's designee.

(16) “Half-life” means the time required for the concentration of a substance to be reduced to half of its initial value.

(17) “Indoor air cleaning device” means an energy-using product whose stated function is to reduce the concentration of airborne pollutants, including but not limited to, allergens, microbes (e.g., bacteria, fungi, viruses, and other microorganisms), dusts, particles, smoke, fumes, gases or vapors, and odorous chemicals, from the air entering or inside an enclosed space, (including but not limited to, rooms, houses, apartments, stores, offices, vehicles), and the air surrounding a person. Such devices include, but are not necessarily limited to, devices of any size intended for cleaning the air nearest a person, in a room of any size, in a whole house or building, or in a vehicle; and devices designed to be attached to or inserted into a window, wall, ceiling, post, duct, or other indoor surface; and personal air cleaning devices.

(18) “In-duct air cleaner” means an energy-using air cleaning device within a heating, air-conditioning, and/or ventilation system for an enclosed space.

(19) “Industrial use” or “industrial application” means the use of an ozone-producing air cleaning device in the following manner:

(A) destruction of microbes on produce in an agricultural processing plant, refrigerated transport truck, or related facility, provided no people are physically present.

(B) chemical oxidation and disinfection in the electronics, pharmaceutical, biotechnology and chemical industries, provided no people are physically present.

(C) odor and smoke control in the hotel industry, for intermittent and temporary use, carried out by trained personnel, and provided no people are physically present.
(D) mold, odor, fire and smoke damage remediation services, carried out by trained personnel, and provided no people are physically present.

(E) odor control in the motor vehicle reconditioning and detailing industry, carried out by trained personnel, and provided no people are physically present.

(F) odor control in mausoleums, carried out by trained personnel, and provided no people are physically present.

(20) “Label” means an area containing the required statement in an easily readable format, separate from unrelated text. This is printing on the product packaging, or, for air cleaners sold prior to October 1, 2012, may be an adhesive sticker.

(21) “Listing mark” means the symbol used by Underwriters Laboratories, Inc. to indicate that a representative sample of the product bearing the symbol meets certain UL quality or safety criteria. For this regulation, the organizations of interest are the Nationally Recognized Testing Laboratories (NRTL) that verify compliance with the applicable ANSI/UL or CSA Standards for indoor air cleaning devices.

(22) “Manufacturer” means any person who imports, manufactures, assembles, produces, or packages an indoor air cleaning device.

(23) “Medical device” means “device” as defined in subsection (h) of Section 321 of Title 21 of the United States Code.

(24) “Mechanical filtration only” means removal of contaminants from air only via filtration with physical barrier, non-electronic techniques, i.e. air is forced through a filter medium. Materials used in the construction of the filter media may include substances such as activated charcoal, paper, foam, synthetics, ceramics, or natural fibers.

(25) “Model group” means indoor air cleaning devices sharing the same design, operational features, device output, and performance characteristics, and manufactured by the same manufacturer. Units in the same model group may be marketed under different brand names. Units that differ only in decorative treatments such as color, remote control, or other cosmetic features not potentially related to ozone output would belong to the same model group.

(26) “NIST” means the U. S. National Institute of Standards and Technology.

(27) “Non-medical device” means any indoor air cleaning device that does not meet the definition of “medical device” above.

(28) “NRTL” means Nationally Recognized Testing Laboratory, as recognized by U. S. OSHA per section 1910.7 of Title 29 of the Code of Federal Regulations.

(29) “OSHA” means U. S. Occupational Safety and Health Administration.

(30) “Packaging” means the materials around the consumer or institutional
product which serve only to contain, enclose, incorporate, deliver, dispense, wrap or store the product. “Packaging” includes any article onto or into which the principal display panel and other accompanying literature or graphics are incorporated, etched, printed or attached. “Packaging” does not refer to a secondary container used for shipping purposes, unless it is the only packaging used for the product.

(31) “Permanent filter” means a filter which cannot be removed by a consumer or testing laboratory and is physically capable of functioning effectively for the stated or intended lifetime of the device.

(32) “Personal air cleaning device” means a device intended to clean the air surrounding a person. It may be worn on, or carried by, a person in any way, including but not necessarily limited to, around the neck, or in a pocket, purse, or similar item.

(33) “ppm” is a unit of concentration measure meaning parts per million by volume. For the purposes of this regulation the volume considered is air and the substance of interest is ozone.

(34) “Retailer” means any person who sells, supplies, or offers for sale, indoor air cleaning devices, directly to consumers.

(35) “Supply” means to make available for purchase or use.

(36) “UL” means Underwriters Laboratories, Inc.

(37) “U. S.” means United States of America.

(38) "UVGI", for the purposes of this regulation, means ultraviolet germicidal irradiation and is ultraviolet (UV) light from a lamp that only emits wavelengths greater than 240 nanometers (nm), and produces no measureable ozone.


§ 94802. Standards for Indoor Air Cleaning Devices.

(a) Except as provided in Section 94803 (Exclusions and Exemptions), in accordance with any applicable phase-in provision in subdivision (b), no person shall manufacture for use in California, or sell, supply, offer for sale, or introduce into commerce, any indoor air cleaning device unless the device is certified by CARB to produce an ozone emission concentration not exceeding 0.050 ppm, as specified in Section 94804; is labeled as required in Section 94806; meets all requirements of this article; and continues to meet all requirements of this article, including the ozone emissions limit as determined by the test procedures in
Section 94805.

(b) The amendments effective October 1, 2020, shall be implemented according to the following phase-in schedule:

(1) In-duct air cleaners, other than in-duct air cleaners intended for use in vehicles, must comply with the applicable requirements of this article within 24 months after the effective date of the amendments. In-duct air cleaners used in vehicles are subject to the regulation upon the effective date.

(2) Portable air cleaners manufactured after the 12-months period following the effective date of the amendments must meet the updated labeling and safety mark requirements in Section 94806.

(3) Uncertified air cleaners sold, supplied, offered for sale, or introduced into commerce in California for an exempted industrial use must meet the requirements in Sections 94803(a) and 94807 within 12 months of the effective date of the amendments.


§ 94803. Exclusions and Exemptions.

(a) Industrial use: The provisions of this article do not apply to indoor air cleaning devices manufactured, advertised, marketed, labeled, and used solely for industrial use as defined in Section 94801(a)(19) above, provided the devices display an advisory that states: “For industrial use only. Use only in unoccupied spaces. Health hazard: emits ozone.” This advisory must be clearly visible and placed near the power switch or electrical connection on the device. A graphic illustrating that people should not be present during use of the device is also required to be placed next to the text. The advisory also must be prominently displayed in all owner’s, operations, and installation manuals for the device(s) and on all marketing materials, including websites. Information about potential adverse health effects associated with exposure to ozone must be included in all owners, operations, and installation manuals for the device(s).

The owner’s or operations manual must include a recommendation that any enclosed space in which ozone-producing air cleaners are used should be well-ventilated for at least one hour before being re-occupied.

Manufacturers, distributors, sellers, and retailers of ozone generating air cleaning devices must be able to demonstrate that devices are manufactured, marketed, advertised, and labeled solely for an exempted purpose(s).

§ 94804. Certification Requirements.

(a) Each manufacturer of an indoor air cleaning device subject to Section 94802 is required to submit an application for certification to the CARB Executive Officer, P.O. Box 2815, Sacramento, CA 95812, Attn: Indoor Air Cleaning Device Certification. The application may also be submitted by email at aircleaners@arb.ca.gov or via another CARB-approved method. Information submitted on the certification application must be true and correct. Applications may be submitted by a professional association or certification organization on behalf of a manufacturer, as long as all required information and signatures from the manufacturer and test laboratory representatives are included. Upon verification of compliance with the test methods described in Section 94805, from a laboratory meeting the performance specifications in Section 94805(d), CARB will issue an Executive Order that the indoor air cleaning device has completed certification for sale of the device within California. Certification will be granted to manufacturers, who have the responsibility to comply with all provisions of this article. An air cleaner manufacturer that makes medical claims for a device must submit evidence that the manufacturer has applied for FDA approval for that device prior to submitting an application for CARB certification.

(b) Any indoor air cleaning device using only mechanical filtration for pollutant removal, and any portable air cleaning device using only UVGI lamp(s), with or without mechanical filtration and no other electronic air cleaning technology, is exempt from the testing requirement for the ozone emission standard of 0.050 ppm as determined in Section 94805, based on their known de minimis ozone emissions. Verification of these exclusions from ozone emission testing will be made by the CARB Executive Officer based on the submission of product design specifications and documentation by the manufacturer, distributor, or retailer. Documentation to CARB shall include a description of the air cleaning performance technology employed, an exploded parts diagram, and a complete electrical safety report. For portable air cleaners using only UVGI lamp(s), the electrical safety report must also indicate the wavelength(s) of the UV lamp(s) used, the lamp manufacturer, and lamp model number. For these devices, instructions in the owner’s or operations manual must state that replacement lamp(s) must be UVGI, as defined in Section 94801(a)(38), or the device will no longer be CARB compliant, as it may produce harmful ozone. Air cleaning devices using only mechanical filtration and those using only UVGI lamps, with or without mechanical filtration, shall be certified under ANSI/UL Standard 507, which is hereby incorporated by reference as defined in Section 94801. Multi-function devices that include an air cleaning component that would qualify as “mechanical filtration only” but would normally be tested for their electrical safety under another ANSI/UL Standard shall be tested for electrical safety under the applicable ANSI/UL Standard. Mechanical filtration-only devices certified to ANSI/UL Standard 507 or to another applicable ANSI/UL Standard for their electrical safety prior to the enactment of this regulation are eligible for certification without further testing provided documentation of compliance with ANSI/UL Standard 507 or the relevant ANSI/UL Standard is submitted and the model continues to comply with requirements of that standard. To be certified
under this regulation, manufacturers of such indoor air cleaning devices must submit the information required in Sections 94804(c)(1) through 94804(c)(3) below, and Sections 94804(c)(4)(A) and 94804(c)(4)(F) below. These products are still subject to the labeling requirements specified in Sections 94806(b) and 94806(d).

(c) The application for certification of air cleaning devices other than those covered in Section 94804(b) above must include the information in subsections (c)(1) through (c)(5) below, and any other information deemed necessary by the CARB Executive Officer. If the requested information is not applicable to the indoor air cleaning device in question, the applicant must indicate "not applicable". If the Executive Officer concurs with the applicant's judgment, the Executive Officer may waive the requirement to provide the information requested.

(1) Manufacturer name, mailing address, physical address, phone number, email address, and website, and name and phone number of the primary contact person for purposes of this certification;

(2) Applicant or representative name, mailing address, physical address, phone number, and email address, if different from manufacturer;

(3) Indoor air cleaning device information:

(A) Brand name
(B) Model name
(C) Model number
(D) Serial number of devices submitted for testing (where applicable)
(E) Manufacture date of devices submitted for testing
(F) Model group, and other models included in model group, where applicable
(G) Discussion of the principles of operation and design
(H) Maintenance requirements
(I) Complete electrical safety test report
(J) Ozone test report for devices tested for ozone
(K) Owner’s manual, operations manual, or installation manual
(L) Copy of the online directory listing from the testing laboratory verifying current certification
(M) Exploded parts diagram labelled in English

(4) Indoor air cleaning device test information:

(A) Test facility identification and proof of current Nationally Recognized Testing Laboratory (NRTL) accreditation
(B) Ozone emission concentrations for all units tested, as measured according to Section 94805, including both the 24-hour measurement as well as information regarding whether any transitory measurements exceeded 0.050 ppm
Whether a device failed the ozone emission test for any reason during final certification testing, and if so, the reason (e.g., excess transitory excursions, motor failure during the test, device not received with packaging intact, electrical part overheated/unsafe to continue, etc.)

Chain of custody of test device(s)

Statement from the testing laboratory that the ozone emissions were determined in accordance with the protocols in Section 40 of ANSI/UL Standard 867 or, for in-duct air cleaning devices, Sections 7.5 and 7.6 of CSA C22.2 no. 187-20.

Notification by a testing laboratory or certification organization of compliance with the electrical safety provisions of ANSI/UL Standard 867, CSA C22.2 no. 187-20, ANSI/UL Standard 507, or other applicable ANSI/UL Standard, as appropriate, for all units tested.

Any additional information the laboratory needs to communicate.

Written notification will be provided within 30 days of receipt indicating whether the certification application has been accepted for review or, if incomplete, what additional information is required. Within 30 days after application acceptance as complete, written notification of certification approval or disapproval will be provided. These time periods may be extended by the Executive Officer if deemed necessary because of extenuating circumstances.

Notification must be provided to the Executive Officer within 30 days if the indoor air cleaning device fails any post-certification testing conducted to verify compliance with ANSI/UL Standard 867, CSA C22.2 no. 187-20, ANSI/UL Standard 507, or any other standard listed in section 94801(a)(3c) through 94801(a)(3l), whichever is applicable.

Manufacturers must notify CARB if the certified device is subsequently changed in any way, other than minor cosmetic changes. If the original manufacturer of a certified device changes or a device is manufactured in a new production facility, the device must be recertified. A certified air cleaning device must also be recertified if it is sold under a different brand name or model number than the brand name and model number originally certified.

CARB may revoke certification for any device deemed noncompliant in the future when tested according to procedures described in Section 94805, or if any other CARB certification requirements are no longer met.


§ 94805. Test Method.

For the purpose of compliance with this regulation only a single model of an
indoor air cleaning device within a model group, if one exists, must be evaluated under the test methods.

(b) Testing of indoor air cleaning devices to determine compliance with the requirements of this article, shall be performed following the ANSI/UL Standard 867 or ANSI/UL Standard 507, whichever is applicable, in their entirety, which are hereby incorporated by reference as defined in Section 94801. In-duct air cleaning devices shall be tested for electrical safety according to CSA C22.2 no. 187-20 or ANSI/UL Standard 867, which are hereby incorporated by reference as defined in Section 94801. Dual-function appliances with a primary purpose other than air cleaning, that include an air cleaning component that meets the definition of an indoor air cleaning device given in Section 94801, shall meet the applicable ANSI/UL electrical safety standard for its primary purpose, including ANSI/UL Standards 73, 153, 484, 499, 998, 1017, 1278, 1598,1993, and 1995, which are hereby incorporated by reference as defined in Sections 94801(a)(3c), 94801(a)(3e), 94801(a)(3d), 94801(a)(3f), 94801(a)(3g), 94801(a)(3h), 94801(a)(3i), 94801(a)(3j), 94801(a)(3k), and 94801(a)(3l), respectively.

c) Ozone emissions from indoor air cleaning devices, except for in-duct air cleaners, will be determined using the method described in Section 40 of ANSI/UL Standard 867. Ozone emissions from in-duct air cleaners shall be determined using the method described in Sections 7.5 and 7.6 of CSA C22.2 no. 187-20. For certain in-duct devices, testing under ANSI/UL Standard 867 may also be acceptable; such tests must be pre-approved by the testing laboratory and by CARB. In accordance with ANSI/UL Standard 867 test procedures, devices must be tested with filters removed, unless the device has a permanent filter, as defined in section 94801(a)(31).

(d) Electrical safety testing of indoor air cleaning devices must be conducted by a laboratory currently recognized as an NRTL by the U. S. Occupational Safety and Health Administration (OSHA), to perform testing for the entire ANSI/UL Standard 867, CSA C22.2 no. 187-20, ANSI/UL Standard 507, or other UL or ANSI/UL Standard, as applicable, and when the NRTL is operating within its NRTL Scope of Recognition. Independent laboratories qualified and operating under surveillance by an NRTL may also conduct the electrical safety testing.

e) Ozone testing to ANSI/UL Standard 867 Section 40 or CSA C22.2 no. 187-20 Sections 7.5 and 7.6, as required in this regulation, may only be performed by an NRTL or an independent testing laboratory qualified and under supervision by an NRTL provided the testing laboratory has passed a CARB audit to verify their ability to accurately perform the ozone emissions testing procedure. The CARB audit may include, but is not necessarily limited to, review of written test protocol operating procedures, test chamber and analyzer configuration, background ozone measurements, air exchange rate, ozone half-life test results, equipment calibration and maintenance records, and other related information. Initial approval of the laboratory will also require an onsite review. CARB approval of
the laboratory will be for a minimum of one year and may include a requirement for annual submittal of internal audit reports on the ANSI/UL Standard 867 Section 40 or CSA C22.2 no. 187-20 Sections 7.5 and 7.6 test protocols and the performance of the chamber(s) in which ANSI/UL Standard 867 Section 40 or CSA C22.2 no. 187-20 Sections 7.5 and 7.6 tests are conducted, and any related follow up internal audit reports. Subsequent audits may be required in order to maintain CARB approval to conduct ozone testing for the purposes of this regulation.


§ 94806. Labeling and Safety Mark Requirements.

(a) All indoor air cleaning devices are required to display an ozone emissions certification label [as defined in Section 94801(a)(20)] on the product packaging after completion of requirements of Section 94804 prior to sale in California, unless satisfying the requirements for exemption as specified in Section 94803.

(b) For non-medical devices, the label shall be at least 1 inch by 2 inches in size, easily readable, and shall state “Meets California ozone emissions limit. CARB certified” in bold type whose uppercase letters are not less than 3 mm high. Very small air cleaning devices, including dual-function devices, may use a smaller label, although it must include the required language, be easily readable, and be approved by CARB staff prior to certification. In no case shall the label be placed on the bottom of the packaging.

(c) For medical devices, the label shall be in compliance with federal law, including Section 801.415 of Title 21 of the Code of Federal Regulations. The label shall also state “CARB certified”.

(d) All electronic indoor air cleaning devices (both medical and non-medical) are required to display the safety certification or listing mark on the device, consistent with the ANSI/UL Standard 867 requirements or, for in-duct devices, the CSA C22.2 no. 187-20 requirements of the appropriate NRTL safety certification organization, after completion of requirements of Sections 94804 and 94805 and prior to sale in California, unless the device satisfies the requirements for exemption as specified in Section 94803. Devices qualifying as “mechanical filtration only” devices as described in Section 94801(a)(24) and Section 94804(b) and portable air cleaning devices using only UVGI lamp(s), with or without mechanical filtration, as described in Section 94801(a)(38) and Section 94804(b) shall display the ANSI/UL Standard 507 certification mark. Dual-function devices with an air cleaning component, as described in Section 94801(a)(13), shall display the certification or listing mark for the appropriate electrical safety test for its primary function.

(e) Any indoor air cleaning device that is advertised or sold via the Internet or by
catalog but that has not been certified according to Section 94804, and is not exempt from certification according to Section 94803, must display the following advisory in a prominent place on the primary web pages, catalog pages, and related materials where such device is advertised or displayed for sale: “Does not meet California air cleaner regulation requirements; cannot be shipped to California.” This advisory must be displayed prior to customers entering their purchase information.


§ 94807. Notice to Distributors, Retailers, and Sellers.

Within 12 months of the effective date of this regulation, manufacturers of uncertified indoor air cleaning devices manufactured, sold, supplied, offered for sale, or introduced into commerce in California must submit documentation that they have provided to all of their known distributors, retailers, and sellers who supply, offer to sell, or sell in California true and accurate copies of the final regulation adopted by CARB and filed with the California Secretary of State. Accepted documentation of a mailed notification will include a hard copy of the materials mailed and the associated mailing list with complete contact information for each address submitted to the CARB Executive Officer, P.O. Box 2815, Sacramento, CA 95812, Attn: Indoor Air Cleaning Device Certification. The documentation may also be submitted by email at aircleaners@arb.ca.gov or via another CARB-approved method. Accepted documentation of an email notification will include a copy of the email and the complete contact information for each email address submitted to the CARB Executive Officer. Such information may be kept confidential upon request as specified in Sections 91000 et seq. of title 17, chapter 1, subchapter 4 (Disclosure of Records) of the California Code of Regulations.

For new distributors, retailers and sellers who become known to manufacturers of uncertified devices after manufacturers’ initial notification to their distributors and retailers, manufacturers must provide similar notice to them and provide contact information to CARB annually. Manufacturers subject to this section must keep updated records of the notifications made pursuant to this section for as long as the device is manufactured, advertised, or marketed, and maintain the records for at least five years. The records must be made available to CARB upon request. Non-compliance with this provision may result in all penalties authorized by law, including fines.

Note: Authority cited: Section 41986, Health and Safety Code. Reference: Sections 41985, 41985.5 and 41986, Health and Safety Code; and Sections 91000 et seq. of Title 17, Chapter 1, Subchapter 4 of the California Code of Regulations.

§ 94808. Recordkeeping Requirements.

Manufacturers, distributors, retailers, sellers, and test laboratories are required to
maintain production, quality control, sales, or testing records for products sold, supplied, offered for sale, introduced into commerce, or manufactured for sale within California for as long as the air cleaning device(s) are sold or in commerce, and to make them available to CARB upon request. Such information may be kept confidential upon request as specified in Sections 91000 et seq. of title 17, chapter 1, subchapter 4 (Disclosure of Records) of the California Code of Regulations.

Note: Authority cited: Section 41986, Health and Safety Code. Reference: Sections 41985, 41985.5 and 41986, Health and Safety Code; and Sections 91000 et seq. of Title 17, Chapter 1, Subchapter 4 of the California Code of Regulations.

§ 94809. Rejection, Revocation, Recall, and Penalties.

An application for certification may be denied, or a certification may be revoked or suspended, for failure to comply with any provision of this article. If the Executive Officer determines that a violation of this article has occurred, he or she may order that the products involved in or affected by the violation be recalled and replaced with products that comply with this article and may withhold the issuance or renewal of a certification, as necessary to protect the public health from emissions of ozone from indoor air cleaning devices. In the event of a violation of this article, all other penalties authorized by law apply as well.

Note: Authority cited: Section 41986, Health and Safety Code. Reference: Sections 41985, 41985.5 and 41986, Health and Safety Code; and Sections 91000 et seq. of Title 17, Chapter 1, Subchapter 8.7 of the California Code of Regulations.