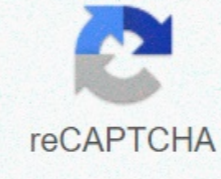




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Ionic pro turbo max

2 Air purifiers, branded Ionic Pro, have been popular for many years with their 'forever filters' and silent operation. But how well do they work to clean the air and are they good value? There's a lot of inaccurate information about these electrostatic cleaners on the air online and most reviews don't cover important issues that you need to be aware of before buying one of them. Moving forward is the truth about Ionic Pro's negative ionic generation and ozone output, comparing between 3 different models, and the pros and cons of envion's air purifier range clearly established. Models ReviewedFor other models in the Envion by Boneco range see this candid investigation of Therapure Air Purifiers. Ionic for cleaners are electrostatic air purifiers not ionizersRight at the beginning of this review, it is important to point out some common misinformation online about Ionic Pro Turbo, Compact and Platinum Air Purifiers. These appliances are not really significant negative ion generators or even ion air purifiers in the truest sense of the word if Ionic is used to create negative ions. They're actually electrostatic separators. Using both positively and negatively charged ion filters, they attract airborne substances to the collection point inside the machine. In this way, these air purifiers try to electrostatically filter the air without using a HEPA filter. The primary advantages of this process are not replacement filters, low energy requirements and relatively quiet operation when functioning properly. The main problems with electrostatic air purifiers like this are that they have not been shown to be as effective at filtration of fine particles as air purifiers with True HEPA filters as one of these silent air purifiers in the bedroom. All Ionic Pro models also need regular cleaning of both their collection blades and ionizing wires to function properly. There is a full list of pros and cons of Ionic Pro air filters ahead, as well as comparisons between compact CA200, Turbo Max and Platinum TA750 versions. It is also important to consider both negative ion generation and ozone output before buying this brand for your home. Low Negative Ion GenerationSurprisingly, for a range of air cleaners called 'Ionic', these machines generate very few negative ions. Many Ionic Pro reviews online report that these air purifiers 'flood the air with negative ions'. This is completely wrong according to manufacturer Envion's own customer service. I wrote to companies asking about the negative ion power of their air purifiers and they responded with this: Compact: no less than 500,000 ions/cm³ measured at the outlet. Turbo: at least 500,000 ions/cm³ measured at the outlet. Platinum: at least 2 million ions/cm³ measured at output. This is an extremely low negative generation of ions. One hundred times less than the power negative ionizers here and is nowhere near enough to provide any negative ion benefits. Ozone OutputOn a more positive tone, the same communication with Envion customer service was also had by the company, which stated that the production of ozone brand is very low. They wrote: For ozone production there is less than 0.003 PPM of ozone produced, which is well below the regulated amount. If this number is accurate, then it's really well within the safe limit of 0.05 PPM EPA. Although it is still recommended for asthmatics and other sensitive people to avoid ozone-generating air purifiers like this together. It would make sense that Envion, now owned by BONECO, worked to reduce ozone production at their air purifiers with all the negative publicity around this reactive gas. This means that 0.003 PPM seems to be very low, and I wonder if this is a typing error and this number should be 0.03 PPM. Either number is still within the EPA's ozone safe range. The now-defunct Ionic Breeze by The Sharper Image, which Ionic Pro is based on, has been known to emit far more ozone and court cases involving its ozone levels have seen the company file for bankruptcy. Currently, it seems that Ionic Pro models can be shipped to California. In the case of state law, this should not be possible if ozone levels were considered too high. Model ComparisonSurging Envion and related BONECO websites diligently neglect to provide any of the usual product specifications or technical details on how their Ionic Pro air purifiers actually work. Literally every other set of reviews on this brand I've read online, including some big website names, has glaring inaccuracies and misinformation as well. From sites like Amazon, Walmart, Home Depot and Best Buy, details are emerging, but I would personally find them hard to trust until Envion put independent test results on their company's website. The Ionic Pro Turbo is said to have a 500 ft² air purification capacity and cleans the air 3 times per hour in this space. I would consider it very ambitious. The 200 m² area cited for the Compact seems more likely, although both of these electrostatic air purifiers would work much better in smaller rooms and not in larger rooms. While the Turbo is larger, at 7.5 x 9.5 x 28.5 inches and 13.1 pounds, compared to the Compact CA200 at 2.3 x 13.9 x 17.5 inches and 6.25 pounds, air purification technology is still the same in both machines. While Envion provide an explanation as to why slightly larger electrostatic collecting blades would provide a 150% increase in air filtration, I personally would question the 500 ft² air filtering figure. Both Turbo and Compact models are very quiet when they work properly, and the company claims to use less energy than a compact fluorescent lamp. The sales pages also indicate that both models remove 99.9% of airborne allergens, irritating irritants and as well as destroy colds and flu viruses, mold spores and strep bacteria. However, independent testing of electrostatic air filters such as the Ionic Pro series has not delivered such impressive results. Again, the customer is asked to trust these marketing statements without proof in the offer. Both Turbo and Compact are in black only. The larger Turbo Max has three fan speeds compared to the compact two. It's almost twice as expensive though for no good reason that I see. If you are committed to getting one of these Ionic Pro Air Purifiers then I would say that the smaller CA200, at a reasonable price here at Amazon, is much better value for your money. This means that any of these budget air purifiers, some of which are even cheaper, would probably be much better filtering the air in your home. Turbo vs PlatinumNaj newer Ionic Pro Platinum Air Purifier is quite a departure from the old Ionic Breeze stylings of its two older brothers. I would imagine that it must have looked pretty modern looking in its day. It is also known as the TA750 in the Platinum owner's manual and it seems Envion previously called this model Ionic Pro Elite.This electrostatic air filter is 6.5 x 7.6 x 25.7 inches and 8 pounds in weight, so much like the Turbo Tower in dimensions even easier to carry. The above air purification potential is up to 500 ft² and three times per hour. This is the same as turbo, so no special reason to choose platinum ta750 there. Platinum TA750/Elite is the latest model in the range and according to some customer reviews may have a fan to complement electrostatic collection blades. I could find no details about this on the Envion site though. Platinum is also the only Ionic Pro model to list its CADR rating, which is listed as: Pollen - 116.3, Dust - 107.6 and Smoke - 107.1.These are not particularly high CADR numbers and seem ineffective for cleaning the air in a 500 square-foot room three times an hour. Other Features of Platinum Ionic Pro include ultra-quiet operation, 24-hour timer, Energy Star certification and 4 fan speeds. These 4 speed fans on the TA750 are labeled as Silent, Germ, Allergy and Max. However, since Platinum lacks a True HEPA filter, or UV-C light such as air purifier therapy, I see no reason why it would be particularly good for either allergies or bacteria. The new Ionic Pro Platinum/Elite is probably a slightly better air purifier than Ionic Pro Turbo, although at the time of writing this review it was considerably more expensive. You can check the current price of both models here at Amazon.You can also find much better silent air purifiers here that will be more effective in fighting allergies and germs than either Platinum or Turbo models. Pros and ConsConsider points in this section carefully before buying an Envion Ionic Pro air filter. While there are advantages of these electrostatic air purifiers are certainly not for everyone. For real ion air purifiers, see these excellent options. And if you are looking to save money, then these cheap air purifiers are much better value. Pros.1. Permanent ion filters Very selling place electrostatic air cleaners, such as TurboMax, CA200 and TA750, are forever filters that attract and trap dust and other allergens to their surface. These filters must be cleaned regularly though. If you have a dishwasher, you can put them there, but regular hand cleaning would be time consuming. More importantly, from a health point of view, they are unlikely to filter the air of pollutants and allergens as effectively as standard True HEPA/Activated carbon filters.2. Silent operationOthe other positives of this range of air purifiers are their very quiet operation when properly functioning. When ion filters need cleaning though there may be hissing or popping sound. If the filters get too dirty, then the machine turns off and a cleaning light is displayed. When this happens, you cannot restart one of these air purifiers until you clean the filters.3. Energy-efficientEnvion highlight low power consumption like Turbo and Compact Pro. The new Platinum TA750 has Energy Star certification and they say they will only use 4 cents of energy a day on run.4. Positive customer feedback and reviewsThere is currently a 4 star rating from over a thousand customers on TurboMax here. This is too high for any reviews to be fake. Obviously, a lot of people like their results with this electrostatic air purifier, regardless of the questions they've raised in this Ionic Pro review. Cons.1. Limited airflow and less air purification Compared to negatively charged electrostatic plates in Ionic Pro air cleaners create a noticeable ion breeze using a process called the Zenion effect. This isn't a match for a good air filter fan though. This much smaller, The cheaper and highly recommended levoit model, with VortexAir technology, would purify much more air than even the significantly larger Ionic Pro Platinum.Claims that turbo and TA750 Elite models properly purify 99.9% airborne allergens, irritants and pollutants in 500 ft² rooms, even once an hour, let alone three, seem to me to be very ambitious. Compact CA200 quoted the size of the room 200 ft² is more realistic. However, I would still suggest these electrostatic air filters would only work well in smaller rooms, not larger spaces. Pet hairs can pose problems for electrostatic air purifiers as well, causing cracking and even sparking as larger hairs come into contact with electrostatically charged plates. These are not good air purifiers for pets.2. Permanent filter blades need regular cleaning Manual Note TA750 Platinum Ionic Pro that the ion filter should be cleaned at least every 8 weeks. Turbo and CA200 manuals only state that they should be cleaned regularly. While there are detailed instructions on how to clean the collection blades in user manuals, this seems like a fairly complex process. After disconnecting the appliance, you must wait for the collection blades to be pulled out for cleaning (which must release some pollutants back into the air you are breathing). Envion recommends avoiding touching ion blades until you ground them against another metal object, otherwise you risk static shock. Even if you have just put the filter collection plates directly in the dishwasher to clean them, you still have to wait for them to wash and, importantly, they must be completely dry before re-inserting. In fact, the Envion series is to allow at least 24 hours for the collection blades to dry thoroughly before inserting them back into the device. This is an awfully long time to have to wait for the air purification to work again. Envion recommend buying an additional set of ion collection blades for uninterrupted use of their product. This may be beneficial to the company, but I don't see this problem being clear to the customer before they make a purchase. Overall, the need for regular cleaning, and the long delay before the Ionic Pro Turbo Air Purifier can be used properly again, seems to me like a huge negative against buying one of these electrostatic air filters.3. Ozone and positive ionsIonic Pro Compact and Turbo Max owner manuals note that: take advantage of the ionization process ... which meets the US safety requirements for low ozone emissions (less than 50 parts per billion)... for the safety of electrostatic air cleaners. Note that here the input is not a negative ion generator at all, but rather an electrostatic air purifier. They also warn: Individuals with a history of respiratory diseases, asthma, heart disease, lung disease, breathing problems or concerns about ozone should ask their doctor whether ozone concentrations generated by this... the air purifier is suitable for their specific medical needs. Another rarely recorded negative effect of electrostatic cleaners on air, such as this range, is that a positively charged part of the ion filter can create positive ions (read about why this is a bad thing in reference). Are these electrostatic air purifiers of good value? Overall, thoroughly researched by Ionic Pro Air Purifiers, I don't personally think it's worth buying if heavily discounted. The compact CA200 for small rooms, at a significantly lower price than the other two here, is at least competitive. There are much better value air purifiers here though. Especially the first 2 of them are cheaper and better than Turbo, or especially Platinum Ionic Pro, so do not lose the style of air purifier had its day and it is surprising that they are still so popular. Their design and electrostatic filters appear to be outdated in 2020, especially when compared to the newer technology of these highly recommended ion cleaners. If you were looking for one of these Envion air purifiers because you thought it would be a good way to generate healthy negative ions then that's definitely not the case. Some of these real negative ionizers are many hundreds of times stronger without regular cleaning or potential ozone and positive ions from Ionic Pro Turbo, Compact CA200 or Platinum TA750. I hope true reviews like this can clean up some misinformation online about these electrostatic cleaners on the air. In certain situations, it may be appropriate, for example, when clean filters and low energy consumption are paramount, but for most households this brand is not of good value and is not recommended.* Statements made in this review are based on the author's personal opinion and experience. Readers should contact Envion directly to confirm the specific details of their Platinum, Compact and Turbo air purifiers. **

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