



# INSTRUCTIONS FOR USE

COMBINATION AIR PURIFIER AND IONISER UNIT

## IONIC-CARE TRITON X6



# INTRODUCTION

We would like to congratulate you on purchasing the combination air purifier and ioniser unit Ionic-CARE TRITON X6. If you take good care of it and maintain it properly, you can use it safely and economically for many years without any further investments related to air purification and the unit maintenance. The Instructions for Use show the unit properties and describes its operation. They also include safety warnings, maintenance instructions, and warranties. Please do not forget that it is the buyer's essential duty to acquaint himself thoroughly with the Instructions for Use and the Warranty Terms and Conditions to prevent the unit damage by incorrect handling, which would result in the loss of the warranty. Please pay special attention to the section Safety Measures. Although the safety measures apply to all similar electrical appliances, they are often ignored recklessly. We recommend you to deposit the Instructions for Use, Warranty Certificate and tax document proving the unit purchase at a safe place for any potential later use.

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# TECHNICAL PARAMETERS

Power input:	max. 12 W
Power supply:	220–240 V / 50 Hz
Production of lightweight negatively charged ions at the distance of 50 cm:	4.2.105 / cm <sup>3</sup>
Production of lightweight negatively charged ions at the distance of 250 cm:	2.7.102 / cm <sup>3</sup>
Maximum area of a room with a standard ceiling height (approx. 250 cm):	max. 75 m <sup>2</sup>
Unit weight:	3.1 kg
Noise level:	max. 8 dB
Air power:	up to 65 m <sup>3</sup> / hour
Dustproof efficiency:	up to 97 %
Ozone production:	0.005 ppm

*According to the measurement of the State Health Institute (SHI) No. EX6042956, the unit complies fully with the hygienic standards. The unit is not a source of excessive ozone concentrations. Ozone concentration was below the limit of detection of the used detection tube. You can download the whole SHI report at [www.ionic-care.cz](http://www.ionic-care.cz).*

*Note: Ozone can be smelled in much smaller concentrations than those measurable by appliances, i.e. in concentrations deeply below the determined hygienic limit of 0.05 ppm.*

## SAFETY MEASURES

For safety reasons, please read these Instructions for Use attentively before putting the unit into operation. Those who do not acquaint themselves with these Instructions for Use should not put the unit into operation. You must bear in mind that Ionic-CARE is a high-voltage device and, like in electrical hot-air heaters, some of its parts are open (to ensure ventilation) and conductive objects can be inserted in them. To allow proper ventilation, the vents may not be covered, excessive dust deposition inside the unit must be prevented, and the unit may not be placed near flammable objects.

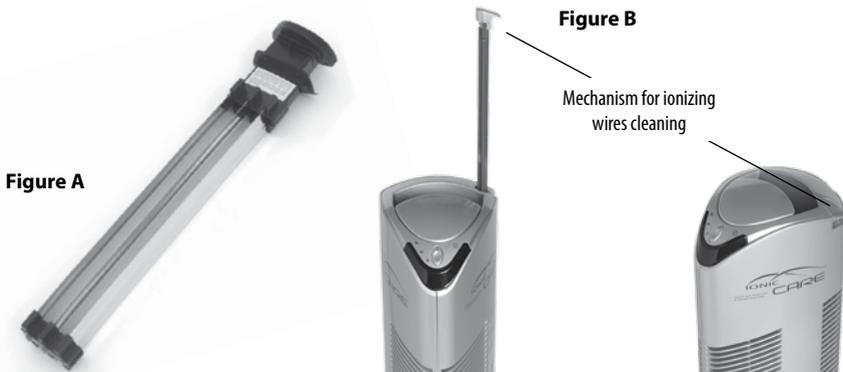
- Important information: The safety instructions given in these Instructions for Use should always be followed when using this unit or any other electrical appliance. By reading of and complying with the below given warnings, you will reduce the risk of an electrical accident or fire.
- Use the unit only in the way described in these Instructions for Use.
- In the interests of lowering the risk of an electrical accident, do not try to maintain the unit in any other way than described in section Cleaning and Maintenance.
- Do not use the unit outdoors.
- Do not use the unit in damp environment (e.g. in a bathroom); relative humidity should not exceed 60 %.
- Do not use the unit in the vicinity of fireplaces or in areas where flammable materials, flammable dust or vapours can occur. The air is ionized by microscopic electrical sparking (corona discharge) which can set flammable materials easily (just as an electric drill, blender, or vacuum cleaner).
- Ensure that the unit works with correct voltage and power rate 220–240 V / 50 Hz.
- To reduce the risk of an electrical accident, the unit has a plug with earthing. The plug has a third earthing connector. The plug can be used only in combination with a socket provided with earthing. In case of an atypical socket, please contact the appropriate service centre and ask them to install a correct socket. Do not adjust the plug in any way!
- Before you disconnect the plug from the socket, always switch the unit off.
- Before you clean the stainless filter, always switch the unit off and unplug it from the socket.
- If the unit is not to be used for a longer time, disconnect it from the electric network.
- Never touch the inner parts of the unit like electrodes, ionizing wires etc. by any object.
- Any attempt to disassemble the unit will result in loss of the warranty and can cause severe injury to the user or severe damage of the unit.
- Do not place the supply cable of the unit near heat sources or on sharp edges.
- Never put the unit into operation if the supply cable or the plug are or appear damaged. The damaged supply cable may be replaced only by an authorized service.
- When disconnecting the unit from the electric network, grip the plug and pull it out of the socket. Never pull the supply cable.
- When operating the unit, avoid putting fingers, parts of the body, loose clothes, jewels, and other objects in the unit openings.
- Never touch the unit or its plug if your hands are wet.
- The air purifier is an electric device. If it is used in presence of children, they must be supervised by an adult.
- Do not touch the stainless filter until you discharge the residual voltage by the stainless filter contact with an electrically earthed object like metal water piping, water tap, or a radiator.
- The stainless filter should be inspected and cleaned regularly to prevent excessive dust collection, which could cause a short-circuit or fire.

## IMPORTANT PRECAUTIONS

Before you start using the purifier, please read the following important precautions and look at the drawings of the main unit parts.

- When you take the unit from cold environment, let it stand unpacked at room temperature for sufficient period of time (approx. 5 hours). Otherwise water vapours can condense on cool parts and after the unit is switched on, short-circuit may cause the unit damage, destruction, and even fire.
- If the unit does not work as it should, if it was damaged mechanically or due to a fall, if it was left outdoors, or came into contact with water (except washing the stainless parts of the filter), do not switch the unit on and contact the service centre (see section Contacts).
- The unit belongs to the group of appliance with a Y-type connection. If the supply cable is damaged, it must be replaced by the manufacturer, his service centre (see section Contacts), or a similarly qualified person to prevent occurrence of dangerous situation.
- Do not place the unit near open fire and fireplaces, even those that are not actually in use. Dust from the chimney and soot can circulate through the purifier and can settle both in the unit and the room. The unit placement near lighted candles, paraffin lamp etc. is not recommended. If you intend using candles and paraffin lamps near the unit despite of this warning, ensure that the wick length does not exceed 6 mm to reduce the smoke production.

**Figure A** shows the stainless filter which is a key part of the air purifier and ioniser. If the unit is running, the stainless filter catches dust, pollutants, allergens and irritants, and neutralizes smells. The air purifier is designed to make no noise and requires very little time and effort for maintenance. If you hear any noise or sounds coming from the unit, it is a general sign that the unit needs cleaning. Switch the unit off, unplug it from the socket and follow the section Cleaning and Maintenance. If the unit still makes noise after the stainless filter is cleaned, dried thoroughly and reinserted, switch the unit off and unplug it from the socket. Pull the mechanism for the ionizing wires cleaning out of and into the unit 3-4 times (**Figure B**). This movement helps to remove impurities from the inner ionizing wires. To keep the purifier in a properly functioning condition, the stainless filter and ionizing wires must be cleaned every 4-7 days of the unit use at least (for the procedure see in section Cleaning and Maintenance).



### WARNING!!!

**After the stainless filter is cleaned by a common detergent (abrasives-free) and water, let it dry thoroughly in vertical position for 24 hours before you reinsert it in the unit. Water may remain at many places (e.g. on the stainless filter bends) and could cause the unit damage. If the stainless filter is damp, do not insert it in the unit. The purifier must be cleaned more frequently if it is exposed to strong pollution.**

## SPECIAL PRECAUTIONS

Before you switch the unit, always check undamaged state of the ionizing wires in the unit. If they are broken (not intact), do not switch the unit on! Short-circuit and even fire could occur. You will find two 40-cm long ionizing wires inside the unit about 3.5 cm behind the protective grid (at the sight from the side). The wires are located on the side where there is the mechanism for their cleaning and go down from the top to the unit bottom.

**If you find that the ionizing wire in your Ionic-CARE TRITON X6 is broken, please contact our service centre (see section Contacts).**

In case of your longer absence, please switch the unit off and unplug the cable from the electric network (socket). Like in other electrical appliances, peak voltage in the electrical network (caused e.g. by a lightning) can damage the unit and even cause fire.

## PREPARING FOR THE UNIT START

**The unit can be in operation 24 hours daily at the temperature of 10-40oC and humidity 15–60 %.**

Place the unit on hard flat surface at least 0.5 m far from objects that could prevent easy air drawing and circulation (e.g. flying curtains and drapes, doors, pets moving etc.). The placement should also ensure that the unit will not fall. To reach the optimum efficiency of air purification, the unit should be placed so that its exhaust was not directed against the spontaneous air circulation but on the contrary, so that it used it. Place the unit as far as possible from windows or any other source of draught and from warm radiators. No metal object (like a radiator) should be placed immediately in front of the purifier; the released negative ions would otherwise be discharged straight away. Please comply with the warnings described in section Safety Measures. Plug the unit in an earthed socket 220–240 V / 50 Hz and switch it on.



## SETTING

Main switch – the main switch button serves for the unit switch-on and –off and for the required power setting.

Indication , full power, average power input 9 W, maximum power input 12 W – recommended for great rooms or places with great dustiness up to 75 m<sup>2</sup>\*; the unit works without interruption in this mode.

Indication , medium power, average power input 7 W – recommended for medium-sized rooms up to 50 m<sup>2</sup> where windows and doors are seldom open; in this setting, the unit mode is 20 seconds of operation and 20 seconds of rest.

Indication , low power, average power input 5 W – recommended for small rooms up to 15 m<sup>2</sup>. It is the most energy-saving setting. The unit mode is 20 seconds of operation and 120 seconds of rest.

*\* At standard ceiling height of 2.5 m*

Indication  – if the red warning light lights up, it signals one of the following potential problems:

- Voltage variation in the electric network – restart the unit
- Excessively polluted filter which is no more able to capture impurities – clean the stainless filter
- Disorder; the unit does not work correctly – contact the service centre

**Useful tip:** In general, the mode  is most economical and best for small rooms. The mode  delivers maximum power and is good for great rooms.

*Note: If the unit is plugged in the socket, it consumes electrical energy of approximately 0.080 kWh/day, i.e. about CZK 15/month, even if it is switched off. In case of your long-term absence, the unit unplugging from the electric network is recommended.*

## OPERATION

Set the air inlet in a way described in section Preparing for the Unit Start. Press the main switch to start the unit operation. The unit will purify, ionize, and circulate the air automatically according to a pre-programmed cycle. Select the required power level by repeated pressing of the main switch button. The setting switches cyclically between  (full power),  (medium power),  (low power) and switched off. LED indicators will light according to the power set by you.

The stainless filter of the air purifier and the ionizing wires must be cleaned every 4-7 days of use at least (for the complete procedure, see section Cleaning and Maintenance). After thorough drying of the stainless filter, its insertion in the unit, and cleaning of ionizing wires, the unit should operate again without any problems. If not, proceed according to section Problems Solving.

### **Our tip – watch the video manual!**

You can watch the video manual for Ionic-CARE Triton X6 here or at [www.ionic-care.cz/fotogalerie](http://www.ionic-care.cz/fotogalerie)



## CLEANING AND MAINTENANCE

To run reliably, Ionic-CARE TRITON X6 must be cleaned regularly. Impurities are caught mainly on the surface of the electrostatic filter (collecting sheets) but also, though in a lesser extent, on the ionizing wires that form an important part of the air purifying system. The greater layer of impurities is caught on the filter, the lesser is the effectiveness of cleaning. The unit will keep common functionality only when the dust-catching collector and the ionizing wires are cleaned regularly. The cleaning interval depends of the pollution of environment and the set unit power and therefore, it is quite individual. The recommended cleaning interval is every 4-7 days. Use of the air purifier near candles, paraffin lamps, fireplace soot etc. is not recommended and will require the stainless filter cleaning after each air purifier exposure to such environment (see section Important Precautions).

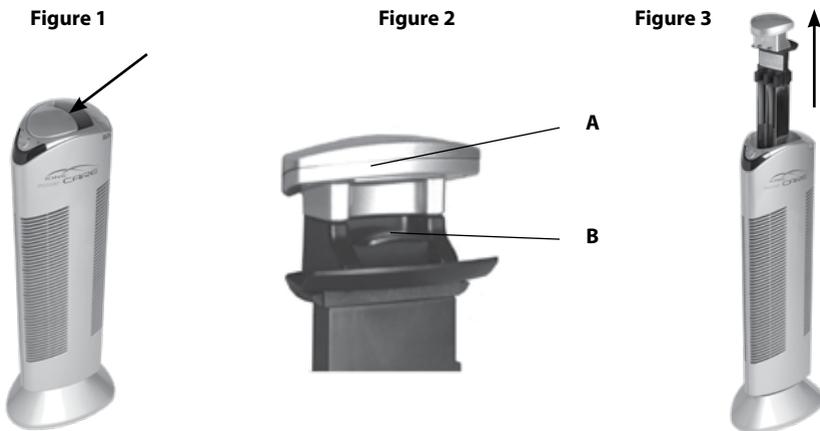
**Attention!! Do not forget to clean the unit every 4-7 days and at any time the red indicator lights up (pollution / unit error). Noisy operation of the unit (audible hissing sound) indicates that the purifier needs complete cleaning.**

Before you start the unit cleaning, ensure that you have read all important precautions and cleaning procedures in the sections Safety Measures, Important Precautions, and Cleaning and Maintenance of these Instructions for Use.

## STAINLESS FILTER INSERTION AND REMOVAL

Before you clean the filter, remove it by pressing the filter lock (**Figure 2B**) against its handle (**Figure 2A**). Keep holding the lock and remove the filter from the unit upwards (**Figure 3**). The stainless filter is reinserted into the unit by careful pulling into the unit and pressing that results in the lock closing (clicking), which prevents any unintended filter removal.

Do not forget!! When removing the stainless filter, put your fingers at places shown in **Figure 1**. The lock (**Figure 2B**) that must be pressed with force occurs there.



## STAINLESS FILTER CLEANING

Switch the unit off, unplug it from the electrical network and let it stay for about 1 minute to discharge the static electricity. Press and hold the lock preventing unintended removal of the stainless filter (in the bottom part of the filter handle) and then remove the filter slowly from the unit body. Wipe off all impurities caught on all collecting filter sheets by a damp cloth, or wash them under running water. Always use a cloth or sponge with soft surface and non-abrasive detergents to avoid scratching of the polished filter surface. Do not therefore use scourers, liquid cleansing powders, pastes and creams, rough side of foamed plastic sponges etc.

Note: If you scratch the filter surface despite of our advice, the unit air purifying and ionizing function will not be impaired. At the most, scratching may make future filter cleaning more difficult. If you use damp cloth for the stainless filter cleaning, the filter may be completely dry within 2 to 3 hours. Always let the stainless filter dry thoroughly in vertical position before you reinsert it in the unit.

If you used some detergent and water to clean the stainless filter, let it dry for 24 hours at least and before you reinsert it in the unit, ensure that it is dried thoroughly. Before you reinsert the stainless filter in the unit, check undamaged state of all ionizing wires in the unit.

### Important!!!

**To prevent the unit damage, ensure that the collecting sheets of the stainless filter are absolutely dry and do not contain any humidity.**



## IONIZING WIRES CLEANING

The inner ionizing wires must be cleaned every 4-7 days of the air purifier use. For this purpose, the mechanism for ionizing wires cleaning is used. Ceramic beads wired on the wires serve for more thorough removal of impurities. Remove impurities caught on the wires by moving the mechanism upwards and downwards. The movement must be performed 3-4 times to ensure sufficient efficiency of cleaning.

**Do not forget to put the mechanism for the ionizing wires cleaning in its initial position before you switch on the unit; the unit otherwise cannot be switched on!**



## OUTER SURFACES CLEANING

During the unit use, some impurities may also be caught on the outer surface of the air purifier, especially on the ribbed openings. Use the enclosed pencil or a damp cloth.

Before you start cleaning, ensure that the unit is unplugged from the electrical network. If you use a damp cloth, you must prevent any water leaking into the unit, which could damage the unit functions or cause the user's injury. Before you put the purifier into operation, let it dry for at least 24 hours.

Clean the unit as needed.



## PROBLEMS SOLVING

PROBLEM	CAUSE	SOLUTION
Indication of setting does not light up	The unit is not plugged in the electrical socket	Check the plug whether it is connected to the electrical network
	The main switch was not pressed	Press the main switch
Red warning light indicating the unit pollution or defect is on.	Too much collected dust	Switch the unit off and disconnect it from the electric network Clean it according to the section Cleaning and Maintenance (stainless filter + wires)
	The stainless filter has been moved or removed suddenly during the unit operation	Remove and reinsert the stainless filter and press the main switch to restart the unit
	The red indicator may light up when the unit needs a restart only	To restart the unit, press the main switch
The unit makes excessive noise	The red indicator is on if the ionizing wire is broken, or if there is a foreign object in the unit	Do not put the unit into operation and contact our service centre (see section Contacts)
	Too much collected dust	Switch the unit off and disconnect it from the electric network Clean it according to the section Cleaning and Maintenance (stainless filter + wires)
	Inner parts of the unit are damp	Dry the unit thoroughly
The control diode does not light up	Too much collected dust	Switch the unit off and disconnect it from the electric network Clean it according to the section Cleaning and Maintenance (stainless filter + wires)
	The stainless filter has not been inserted into the unit properly	Ensure that the stainless filter is inserted into the unit properly and end-to-end
	The mechanism for the ionizing wires cleaning has not been inserted properly	Ensure that the mechanism for the ionizing wires cleaning is inserted into the unit properly and end-to-end

### • **What is the best placement of the purifier in a room?**

About 50 cm of free space should be around the purifier to allow proper air circulation. The purified air is released by the front part of the unit. Its part with the controlling panel should therefore face the room. No metal object (like a radiator) should be placed immediately in front of the purifier; the released negative ions would otherwise be discharged straight away.

### • **How long should the unit be switched on?**

The air purifier Ionic-CARE Triton X6 needs 3 hours at least to purify one medium-sized room. The effect of the space purification then lasts for 3 hours after the unit is switched off. Regarding the unit parameters (minimum energy consumption, noiseless operation), it is recommended to use the purifier continuously, i.e. 24 hours daily, 7 days in a week. See that the selected purifier power corresponds to the area of the room where the unit is used.

### • **Is one purifier enough for one flat?**

You can use one unit if you let the doors between rooms open and air thus can circulate freely. If rooms in the flat are not interconnected, the purifier should be placed in a room where most people are during the day. At night, place the unit to the bedroom or children's room, or buy more units.

### • **Can the unit be placed within the reach of children and animals?**

If children can reach the unit, they can knock it over, put various objects through the ribs etc., which could endanger both them and the proper operation of the purifier. Animals can also knock the unit over or wet it. The purifier should therefore be placed out of reach of both children and animals, e.g. on a cabinet or table.

### • **Can I use the ioniser near an electronic nanny or cardiac pacemaker?**

Electronic nannies work with higher frequencies while the cardiac pacemakers with lower frequencies than the unit. They cannot therefore interfere with each other.

### • **Can I disassembly the unit and clean the inner part of it?**

No intervention in the unit is recommended because even after it is disconnected from the electrical network, high voltage still persists there and an electrical accident can occur. Moreover, warranty will be cancelled by an intervention in the unit. Therefore, please contact our technical department in case of any problem.

### • **Where is it not suitable to use the purifier?**

Placement of the unit near greater number of candles or open fire (e.g. fireplace) is not recommended, especially if coal is used. The captured soot can, contrary to other impurities, release and deposit on objects near the purifier. Do not use the unit in damp environment (e.g. in a bathroom); relative humidity should not exceed 60 %.

### • **What is the life of Ionic-CARE?**

If the unit is handled in accordance with the Instructions for Use, its life is absolutely unlimited.

### • **Ozone**

Ozone is a natural part of air, i.e. also of air we breathe outdoors. It is dangerous for human health in very high concentrations only. All air purifiers with embedded ioniser do produce ozone. The air purifiers Ionic-Care Triton X6 are designed to produce as least ozone as possible. They are continuously tested in accredited laboratories and at the State Health Institute in Prague. Independent tests have proved that ozone production is highly below the limit and guarantee 100% safety of the air purifiers Ionic-CARE. Hygienic limit for ozone production: 0.05 ppm  
Ozone production by Ionic-CARE Triton X6: 0.005 ppm

For full FAQ range, see [www.ionic-care.cz/caste-dotazy](http://www.ionic-care.cz/caste-dotazy)

## WARRANTIES

**The valid warranty period is 24 months and starts on the day of the goods delivery (receipt).**

The warranty applies to defects of material or production with the below given exceptions. It is conditioned by completeness of the claimed goods and submittal of a document proving the purchase and the warranty certificate. The conditions relating the business, complaints, and warranties specified in the warranty certificate must also be complied with. The warranty does not apply to defects caused by improper use, to damage caused due to insufficient or erroneous cleaning and maintenance of the unit, and to defects caused by mechanical damage of the unit (e.g. the unit fall). For full warranty conditions and periods, see the unit warranty certificate.

## CONTACTS

### **Seller and service:**

HÖGNER, s.r.o.  
Veverkova 1343/1  
500 02 Hradec Králové  
Tel.: 498 500 604  
Fax: 498 500 605  
E-mail: [info@hogner.cz](mailto:info@hogner.cz)  
[www.hogner.cz](http://www.hogner.cz)  
ID: 27503542  
TAX ID: CZ27503542

### **Technical and complaints department:**

HÖGNER, s.r.o.  
Veverkova 1343/1  
500 02 Hradec Králové  
Tel.: 498 500 604  
Fax: 498 500 605  
E-mail: [reklamace@hogner.cz](mailto:reklamace@hogner.cz)



[www.ionic-care.cz](http://www.ionic-care.cz)



Fee for the back withdrawal and use of the material has been paid in relation to the packs of this product. Fee for the back withdrawal, processing and ecologically friendly removal of electrical appliances has been paid in relation to the product.

The symbol shown on the product or in the accompanying documents means that the used electrical or electronic products may not be liquidated together with municipal waste. To ensure proper liquidation of the product, deliver it at special collecting sites where they will be accepted free of charge. You can get more detailed information at the appropriate municipal office, your seller or supplier. You can find the updated list of back withdrawal sites of electrical appliances at e.g. [www.elektrowin.cz](http://www.elektrowin.cz)



Low consumption  
**12 W**

Maximum room area  
**75 m<sup>2</sup>**

Quiet operation  
**8 dB**

Dustproof efficiency  
**96 %**

Non-stop operation  
**24/7**

Life-long filter  
**∞**

[www.ionic-care.cz](http://www.ionic-care.cz)