Heaven Fresh®

HF 707 DIGITAL ULTRASONIC HUMIDIFIER with NEGATIVE IONS



INSTRUCTION MANUAL

HEAVEN FRESH

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3 Year Limited Warranty

Thank you for purchasing the innovative Heaven Fresh HF 707 Digital Warm and Cool Mist ultrasonic humidifier. We wish you many years of healthy indoor air with this efficient and effective product.

Ensure that all safety precautions are followed when using this electrical appliance for the proper operation of the device. These instructions describe the safety precautions to be observed during operation. They are designed to prevent injuries or damage to this device.

SAFETY PRECAUTIONS

The inner ultrasonic transducer is highly sensitive. Do not touch it with bare fingers or scrape it with metal tools, or it will reduce mist output. When cleaning this area please use a small cleaning brush, cotton swab or tooth brush. Do not use hot water as it may damage the misting parts.

Use proper voltage - AC 110~120V 60Hz in Canada/USA; AC 220~240V 50Hz in Europe. Use of improper voltage may cause fire hazard or electric shock.

To prevent electric shock, do not dismantle, repair or modify this product. Maintenance and cleaning should be followed exactly as instructed in this manual. In the event of a malfunction, please contact an authorized Heaven Fresh maintenance center.

Do not use in areas where flammable or explosive materials are stored.

Do not place this device in direct sunlight or near objects that generate high temperature heat. The heat may cause deformation or warping of the outer casing.

Do not use the humidifier in a room that already has humidity levels above 50% relative humidity. Excessive humidity in the room gives rise to condensation on cold surfaces such as walls or windows.

Do not operate the unit without water in the basin.

Do not insert foreign objects into the device. Do not touch the transducer or the lower water basin when the unit is operating. Do not scratch the transducer. Do not touch the mist output when producing warm mist.

Do not submerge this device in water. Water or cleaning liquids may only be used on parts to be cleaned according to the cleaning and maintenance instructions.

Only use lime scale remover or vinegar to clean mineral deposits from the basin or transducer. Do not use any harsh detergents that may damage the unit.

If you smell an abnormal odour, please turn off and unplug the unit and call Heaven Fresh technical support.

Clean and dry the device before storage (including the removal of all water from the inside of the device).Store the machine in a cool and dry place outside the reach of children.

Do not use fabrics or other materials to cover this device. Obstructed air inlets and outlets will result in improper operation of this unit and may result in fire or other damage.

To prevent interference and damage to other electronic devices, this machine should be placed at least 1 meter away from a computer, television, radio or other electronic equipment.

The ultrasonic humidifier should be cleaned regularly for proper operation and long life. See cleaning instructions.

For safety reasons and to prevent fire or electric shock, unplug the power cord from the electric outlet socket whenever you:

- Do not use the device for a long period of time.
- Remove the tank, clean or service the machine or the permanent filter.
- Move or transport the device.

If the power cord is damaged, then it must be replaced by an authorized service person to prevent electric shock or fire.

WHY HUMIDIFY THE AIR?

When the air is dry, especially in the winter months, it can become unpleasant and even unhealthy, leading to increased levels of static electricity, dry skin, cracked lips and even noise bleeds. Optimal humidity is between 45 to 55% relative humidity. During the winter months though, relative humidity in the average home can drop to below 20%.

Low humidity can lead to a variety of conditions that cause ill health. Dust particles, bacteria, viruses, dust mite feces that are normally trapped by the moist nasal membrane lining in the nose can more easily get into the lungs when the air is dryer and thus reduce the body's natural defence mechanism. These invaders overload the immune system and irritate the mucous membranes resulting in more coughing and susceptibility to disease.

The HF 707 is an ideal ultrasonic humidifier for homes, apartments, offices and anywhere there is low humidity. Ultrasonic water vapour is highly beneficial to individuals. Their biggest advantage is high performance combined with low energy consumption.

HOW DO ULTRASONIC HUMIDIFIERS WORK?

Ultrasonic Humidifiers use ultrasonic high frequency oscillation to break up water into tiny water particles about 1.5 microns in diameter. The ventilation system blows out the water particles into the dry air where they evaporate and create the required humidity level. The water particles appear as a steady stream of mist or fog as they travel up and out of the machine.

HF 707 FEATURES AND BENEFITS

Efficient and Effective

- Variable spray mist control for use with small, medium or large rooms.
- Large capacity water tank (6L/1.6 gallon) refills with normal tap water.
- High moisture output can quickly humidify a room up to 40 m² (430 ft²).
- Low water indicator notifies you when to refill the tank.

Advanced Technology

- Advanced digital technology can produce either cold or warm mist.
- Healthy negative Ions to purify the air while providing a restful sleep.
- Permanent, easy-to-clean ceramic nano-silver filter for control of white dust, mould and bacteria.
- Auto Hygrostat sensor automatically regulates mist output according to desired humidity level.
- Safely and automatically shuts off when it runs out of water.

Hassle Free Operation

- Up to 7 nights or 60 hours of continuous operation without refilling the tank*.
- Simple, easy-to-use, one-touch timer control for up to 12 hours of operation.
- Virtually silent operation with advanced ultrasonic technology ensures a quiet and restful sleep.
- Soft glow night light and auto dimming display will keep your bedroom dark for sleeping.

Low Operating costs

- Low energy consumption - can save 85-90% of electricity costs compared to a normal steam humidifier.
- Consumes less power than a 40 watt light bulb.
- Solid state digital controls and ceramic transducer ensure a long product life – 3 Year Warranty.
- No added costs for wicks, evaporating pads or disposable filters.

*At low level spray mist output (50ml/hr, 1.7 fl oz/hr).

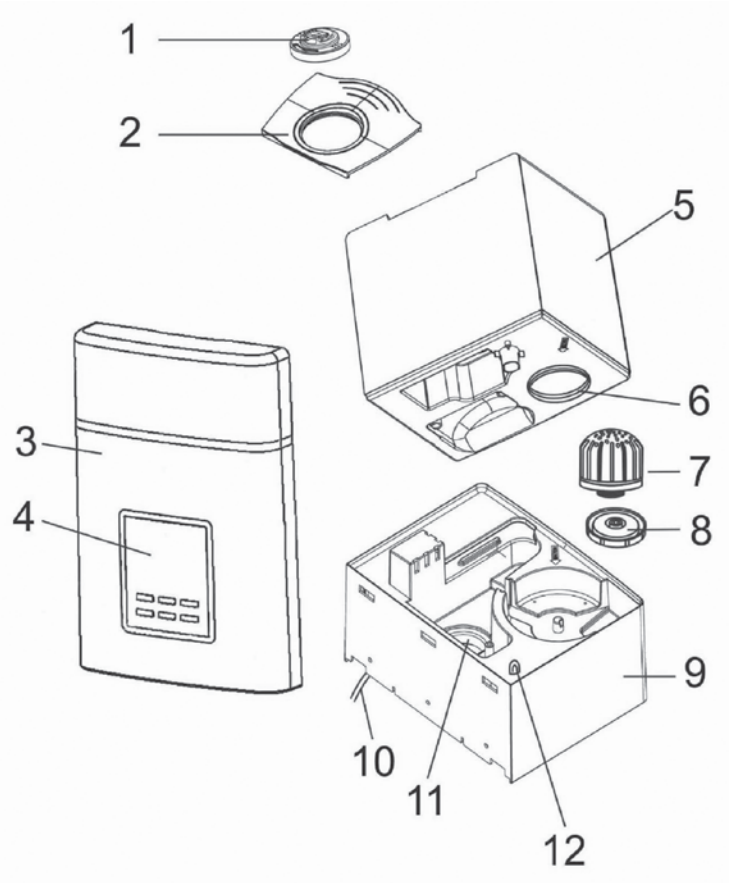
PRODUCT SPECIFICATIONS

Model:	HF 707
Power supply:	220~240V 50Hz (Europe), 110~120V 60Hz (USA & Canada)
Energy Consumption:	38W (Cool Mist), 138W (Warm Mist)
Water tank capacity:	6L (1.6 US gallons)
Mist Evaporation Rate:	Low: 50ml/hr (1.7 fl oz), Med: 200ml/hr (6.8 fl oz), High: 300ml/hr (10.1 fl oz)
Room Coverage Area:	Small: 6.7 m^2 (72 ft^2), Med: 26.8 m^2 (287 ft^2), Large: 40 m^2 (430 ft^2)
Noise level:	Low: 30dB(A), High: =35dB(A)
Negative Ion Output:	3,000,000/cm^3 (49,161,000/$inch^3$)
Dimensions (LxWxH):	23 x 22 x 34 cm (9.0 x 8.7 x 13.4 in)
Weight:	3.7 kg (8.2 lbs) dry
Warranty:	3 Years Parts and Labour
Safety Certifications:	CE, cETLus, Rohs.

COMPONENTS

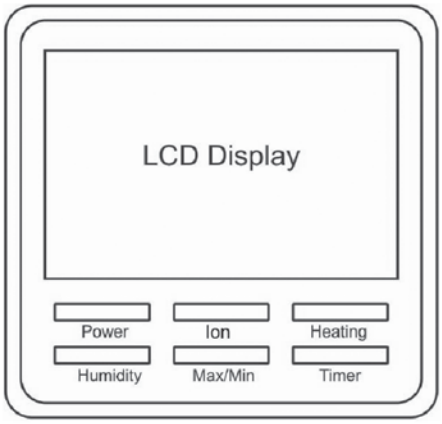
Major HF 707 components:

1 - Output Jets
2 - Top Water Tank Handle
3 - Front Panel
4 - Digital Display and Control Buttons
5 - 6L (1.6 gal) Water Tank
6 - Water Tank Opening for Filling
7 - Permanent Reusable White Dust & Anti-Microbial Filter
8 - Water Tank Lid and Seal
9 - Lower Body and Basin
10 - Power Cord
11 - Transducer
12 - Power Light



HF 707 Control Panel

The device can be controlled by six Buttons located on the front of the control panel under the display.

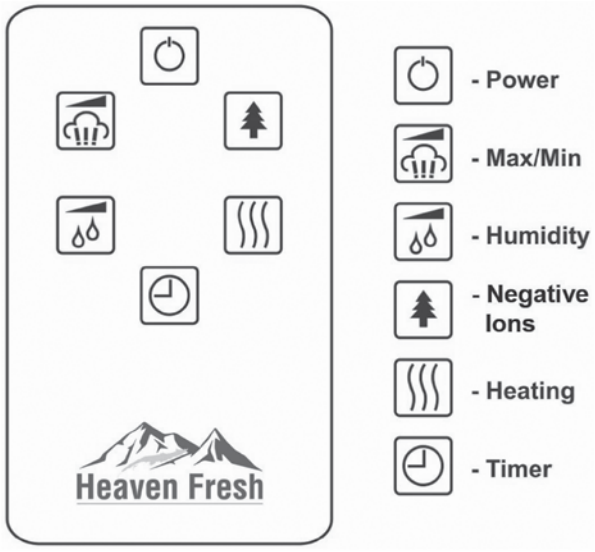


LCD Display Buttons

Power	Switches the humidifier on/off
Ion	Switches negative ions on/off
Heating	Switches warm mist on/off
Humidity	Sets desired humidity level from 45% to 90% relative humidity
Max/Min	Sets misting spray level to low, medium or high
Timer	Sets the timer to operate the humidifier from 1 to 12 hours

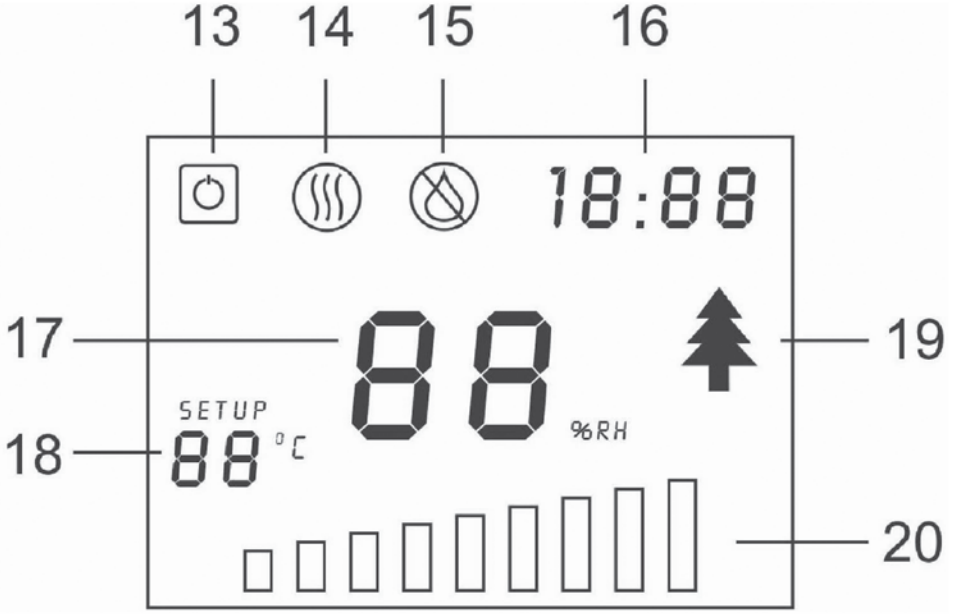
Infrared Remote Control

The HF 707 is equipped with a very useful remote control. The remote control duplicates the six button control panel just below the humidifier's LCD display. You can activate the remote control by removing the protective film from the battery area located at the bottom edge of the unit just below our logo.



LCD Display

The LCD display shows the numeric values for temperature and relative humidity and the length of time remaining on the timer. It also displays the icons used to indicate other humidifier functions.



LCD Display Icons and Values:

13 - Power on/off icon
14 - Warm mist on/off icon
15 - Empty water tank indicator icon
16 - Value of time remaining in timer
17 - Shows values for both the desired relative humidity and the actual relative humidity
18 - Displays the current temperature in the room
19 - Negative ions on/off indicator icon
20 - Mist volume indicator (low, medium and high)

OPERATING INSTRUCTIONS

Before getting started, please remove the HF707 from its box and allow it to become accustomed to the room temperature for at least 30 minutes especially if the machine is cold from the outside air. The HF 707 is designed to operate at temperatures between 5-40 ºC and relative humidity of less than 80%.

To get started, grasp the water tank by the handle at the top and lift from the base. Next, flip the tank over and unscrew and remove the water tank lid and filter







Then place the water tank under the faucet for filling, grasping it from the handle under the water tank. Fill the tank with tap water (or other clean water source with water temperature under 40ºC), re-insert the lid and filter. Flip the water tank once again until it is right side up. Ensure that the basin is clean and then carefully place the water tank back on the lower body.







OPERATING INSTRUCTIONS

Wait a few seconds until the water tank lid starts to release water into the basin. You will hear a bubbling sound as the air enters the water tank. Plug the power cord into the electrical outlet (NEVER SWITCH ON THE HUMIDIFIER WITHOUT WATER IN THE BASIN). If the humidifier is switched off, the power icon (#13) should now be red and the values for temperature and humidity will now be displayed.

Press the **Power Button** to activate the humidifier. The machine is now operating in manual mode. It will release cool mist on a constant basis with the mist intensity level automatically set to medium. The two jets at the top of the machine can be rotated to blow mist in two directions. You may also lift the jets from the water tank, adjust the positions and reinsert them back into the top of the water tank. The output jets should not be set to spray directly onto people, electrical devices or any obstructions. It is best to direct the jets into the open air.





The **Min/Max Button** changes the mist level (low, medium, high). This change is displayed on the LCD screen by the bars (#20) that grow in size from left to right. If the machine is in automatic mode, it will automatically adjust the mist intensity.

Pressing the **Humidity Button** activates automatic mode (when the LCD display starts to blink the word “SETUP”). You can select the desired humidity level by pressing this button repeatedly until the required humidity level is displayed (from 45% to 90% in increments of 5%). Once you select your desired humidity level, simply stop pressing the button and your humidity level will be set. Wait another 5 seconds and the numeric value on the LCD display will switch to the current humidity level as measured by the built-in Hygrostat. When the humidity level in the room reaches the set humidity level, the machine will go into automatic sleep state and stop producing mist. When the room’s actual humidity level drops below your set humidity level, then the machine will start producing mist again.

You can deactivate automatic mode very easily by pressing the humidity button until you reach 90% RH. Press the button one more time and you will now be in manual mode. You will know that you are in manual mode because the blinking SETUP icon disappears.

OPERATING INSTRUCTIONS

Pressing the **Ion Button** will activate the negative ion generator and start sending healthy negative ions into the air. It will be represented by the tree icon (19) displayed on the LCD screen.

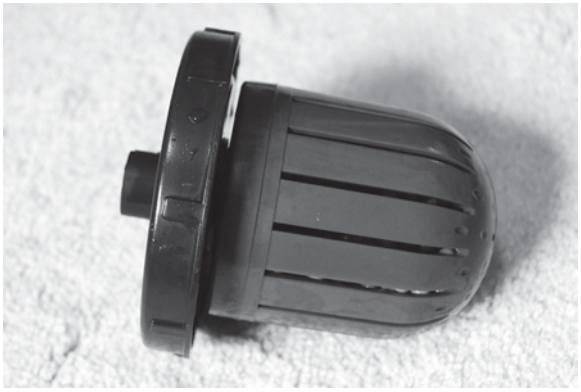
The **Heating Button** activates the warm mist feature and is shown on the LCD display with three wavy vertical lines (icon # 14). The water is heated in the basin just prior to misting. Please do not place your hand over the jets when the warm mist function is activated. The warm mist may raise the temperature of the room and may affect the values shown on the display.

The **Timer Button** sets the timer. The timer function determines how many hours the humidifier will operate. You can set the timer simply by pressing it once for each hour that you would like to run the unit. Many people set the timer for 8-9 hours (during their sleep) but it can be set from 1 hour to 12 hours. When the timer is set, the length of time is displayed in the upper right hand corner of the LCD display (#16). As time passes, the time value decreases until it goes to 00:00 and the machine shuts off.

If the humidifier should run out of water, you will hear a beeping sound before the machine will automatically shut off. The LCD screen will display the **Empty Water Tank** icon (#15).

The bright LCD display is designed to automatically dim after 30 seconds of pressing any of the LCD panel buttons. The power light is also dimmed because the water tank is tinted. The result is a soft blue glow. The light levels are bright enough to indicate that the machine is operating, yet low enough to ensure a restful sleep in near darkness.

The HF 707 is equipped with a **Permanent Reusable White Dust & Anti-Microbial Filter**. It consists of an inner cylinder, an outer cover and a number of small plastic and ceramic balls. The plastic balls are embedded with nano-silver, an anti-microbial agent designed to purify the water and destroy microbes such as bacteria and mould. The ceramic balls function to soften the water by adhering to minerals that cause white dust. They also serve to remove any unpleasant odour from the water. The filter requires cleaning about once a month or 1,000 hours of use. See the maintenance section of more information.



TROUBLESHOOTING

The following is a troubling shooting guide to help you solve any issues that may have with the operation of the HF 707.

Trouble	Possible reasons	Solution
Power icon is off or does not work.	Humidifier is not plugged into the power outlet.	Connect power cord to electrical outlet and press power button.
Power light is on but no mist	No water in water tank.	Fill water tank with water.
The mist has a strange odour.	A new machine.	Remove the water tank, unscrew the lid and let it air out in a cool area for 12 hours.
	It either has dirty water or the water has been stagnant too long.	Clean the water tank and refill with clean water.
Power light is on, but the machine doesn't work.	Too much water in the water basin.	Remove the water tank. Take a small cup and remove some of the water from the machine's water basin. Reinsert the water tank and make sure that it sits properly.
The volume of spray mist is too low.	Too much mineral scale in the water basin.	Clean transducer.
	Water is too dirty or water was kept too long in the tank.	Clean the water tank and refill with clean water.
Abnormal noise	Vibration in the water tank because the water level is too low.	Fill the water tank.
	Machine is on an unstable surface.	Move the unit to a stable flat surface.
Spray mist is coming out of the area around the jets.	There are gaps between the housing around jet nozzles and the top of the water tank.	Remove the jet nozzle from the top of the water tank and clean with a damp cloth. Reattach to the water tank.

TROUBLESHOOTING

The following is not considered faulty operation:

- If your water is very hard (containing abnormally high levels of minerals) the humidifier may produce white dust. This is not a malfunction. The solution would be to clean the filter more often or use softer water.
- If you stand very close to the humidifier, you will hear the gurgling sound of water. This is normal.
- The machine operates very quietly but it is not completely silent. Noise levels less than 35 db is considered normal.

WARNING!

If the above recommended solutions do not work, please contact Heaven Fresh technical support at the telephone number for your region. Do not attempt to disassemble, repair and reassemble the machine as it may void the warranty.

CLEANING AND MAINTENANCE

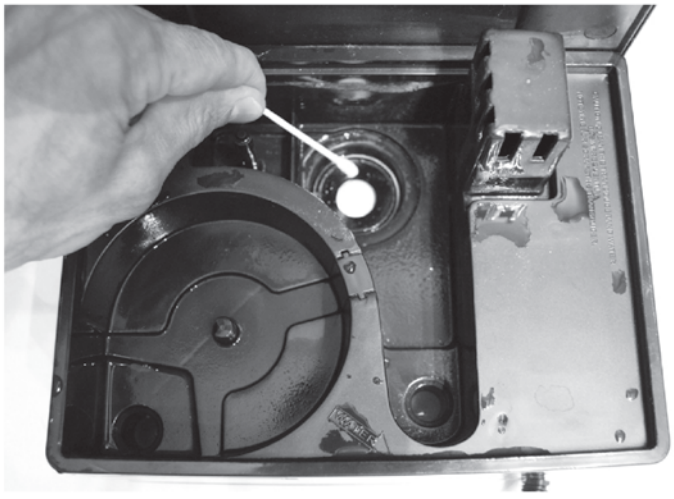
You can ensure many years of trouble free operation of your HF 707 humidifier by following a few simple maintenance procedures. If your water is hard, containing high concentrations of calcium and other minerals, then over a period of time white dust will start to deposit on the various surfaces in the room. A white, film-like substance will also start to develop in the water basin, on the transducer and on the inner surface of the water tank. This white film will impede the proper function of the transducer and the operation of the machine.

We recommend the following:

1. If you water is very hard, we recommend that you boil it first, allow it to cool completely before use in the humidifier. The boiling will reduce the mineral concentration in the water. The other option is to use distilled water if your mineral level is still too high.
2. If you are using the machine on a daily basis, clean the transducer, water tank and basin once a week.
3. When the water tank needs a refill, empty the remaining water from the tank and fill it with fresh water.
4. Clean the whole machine and make sure to keep all the parts completely dry when the machine is not in use.

How to clean the transducer:

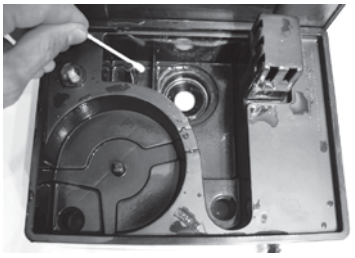
1. Place 5-10 drops of vinegar on the surface of the transducer and wait for 2-5 minutes.
2. Using a small brush, cotton swab or tooth brush, gently clean the mineral film from the surface of the transducer.
3. Rinse the transducer with clean water.
4. Never use sharp or solid objects for cleaning the transduce



CLEANING AND MAINTENANCE

How to clean the water basin:

1. Clean the water basin with a soft damp cloth. If there is excess film on the surfaces, then soak the cloth with vinegar and repeat the process.
2. If there is a film in any of the depressions along the basin, drop a bit of vinegar into depression and clean it out with a brush.
3. Rinse the basin with clean water.



How to clean the White Dust & Anti-Microbial Filter:

1. Remove the filter from the water tank.
2. Put some white vinegar into a glass. Soak the filter in the vinegar for about 10 minutes.
3. Remove the filter from the glass and shake it several times.
4. Clean and rinse the filter once again with fresh water.





CLEANING AND MAINTENANCE

If you don't plan to use the humidifier for a long time, remove the filter from the water tank and let it dry thoroughly. Then wrap it in protective packaging and keep it next to the humidifier in a cool, dry and dark storage space.

How to change batteries in the remote control:

1. Flip the remote on its side.
2. Press the battery release on the bottom edge of the remote.
3. Grasp the battery socket and pull the battery out.
4. Replace battery with Lithium battery CR2025.





DISPOSAL OF THIS DEVICE

At the end of the product life cycle, you should not throw this machine into the normal household garbage but bring the product to a collection point for the recycling of electrical and electronic equipment.



WARRANTY CERTIFICATE

WARRANTY CERTIFICATE FOR THE HF 707 DIGITAL ULTRASONIC HUMIDIFIER with NEGATIVE IONS

Date of purchase: _____

Customers name: _____

Address: _____

Telephone: _____

Email: _____

Seller's name: _____

Address: _____

1. Please fill in completely this Warranty Certificate. Send it with the invoice and the unit, postage pre-paid and using the original packing box, to your distributor. Make sure to include the appropriate return postage for the package.

2. Please enclose a short description of the damage, fault or malfunction, and the circumstances under which these problems arose.



WARRANTY INFORMATION

he HF 707 is subjected to strict testing procedures before leaving the factory. If within three years from the date of purchase the product does not perform according to the specifications, because of factory defects, the purchaser is entitled to free repairs or replacement of parts upon presentation of this warranty (provided that the malfunction or damage to the device and/or parts occurred under normal operating conditions).

What is covered: All parts defective in material and workmanship.
For how long: Three years from purchase date.
What we will do: Repair or replace any defective parts.
Exclusions: Regular replacement parts such as filter cartridges

90-Day Replacement Policy
If, due to manufacturer defect, any part requires repair during the first 90 days after receiving your ionizer, Heaven Fresh will replace it with a new machine.

What You Must Do
1. Contact Heaven Fresh customer support at:


1-866-625-1857
www.heavenfresh.ca


1-800-642-0367
www.heavenfresh.com


0800 952 9962
www.heavenfresh.co.uk


0800 900 991
www.heavenfresh.fr

2. Pack the product in its original carton, and in the same manner in which you received it, or as identical as possible.
3. Include proof of purchase inside box along with the Return Authorization Number.
4. Label and ship the unit, freight pre-paid, to the address provided.

Mailing addresses to add:


Heaven Fresh Canada Inc.
50 Venture Dr. Unit 6
Toronto, ON M1B 3L6


Heaven Fresh USA
1701-2 Pearl Street
Waukesha, WI 53186


Heaven Fresh UK Ltd
Unit 33 Poplar Industrial Estate
Poplar Drive
Witton, Birmingham
B6 7AD


Heaven Fresh UK Ltd
Unit 33 Poplar Industrial Estate
Poplar Drive
Witton, Birmingham
B6 7AD

Other Conditions
The provisions of this warranty are in lieu of any other written warranty whether express or implied, written or oral, including any warranty of merchantability or fitness for a particular purpose. The manufacturer‘s maximum liability shall not exceed the actual purchase price paid by you for the product. In no event shall the manufacturer be liable for special, incidental, consequential, or indirect damages. This warranty does not cover a defect that has resulted from improper or unreasonable use or maintenance, faulty assembly, accident, natural catastrophes, improper packing, or unauthorized tampering, alteration, or modification as determined solely by us. This warranty is void if the label bearing the serial number has been removed or defaced.

Heaven Fresh®

Canada
sales@heavenfresh.ca
www.heavenfresh.ca
1-866-625-1857 (English)
1-866-583-1857 (Français)

USA
sales@heavenfresh.com
www.heavenfresh.com
1-800-642-0367

UK
sales@heavenfresh.co.uk
www.heavenfresh.co.uk
0800 952 9962

Germany
sales@heavenfresh.de
www.heavenfresh.de
0800 66 47 259

France
sales@heavenfresh.fr
www.heavenfresh.fr
0800 900 991

Ireland
sales@heavenfresh.ie
www.heavenfresh.ie
1-800-550-457

Middle East
sales@heavenfresh.ae
www.heavenfresh.ae
+971 (06) 557 3640