



INSTRUCTION MANUAL

FOOD DEHYDRATOR

MFD-5000



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PLEASE READ THIS INSTRUCTION CAREFULLY BEFORE USING THE PRODUCT

SAFETY INSTRUCTION

The following basic precautions should always be adhered to when using the electrical appliance

PLEASE READ THIS INSTRUCTION CAREFULLY BEFORE USE AND RETAIN FOR FUTURE REFERENCE

1. This appliance can be used by children aged from 8 years and above and persons with reduced physical, sensory or mental capabilities or lack of experience and knowledge if they have been given supervision or instruction concerning use of the appliance in a safe way and understand the hazards involved. Children shall not play with the appliance. Cleaning and user maintenance shall not be made by children unless they are older than 8 and supervised. Keep the appliance and its cord out of reach of children less than 8 years.
2. This appliance is intended to be used in household and similar applications
3. This food dehydrator is designed for DOMESTIC USE ONLY and is not suitable for commercial use. Do not use it for outdoors.
4. When using the food dehydrator ensures that it is on a flat, level and sturdy surface, ensure no risk that it may fall. Also that it can take the weight of the unit during use.
5. Failure to follow all the instructions listed may result in electric shock, fire or serious personal injury. The warnings, cautions and instructions discussed in this instruction manual cannot cover all possible conditions and situations that may occur while the product is in use.
6. Do not leave the food dehydrator unattended during use.
7. Always keep the food dehydrator out of children as they are unable to recognize the hazards associated with incorrect handling of electrical appliances.
8. This appliance is not intended for use by persons (including children) with reduced physical, sensory or mental capabilities, or lack of experience and knowledge. Unless they have been given supervision or instruction concerning use of the appliances by a person responsible for their safety.
9. Before plugging the food dehydrator into the mains electrical supply, check that the voltage and power supply comply with the specifications on the food dehydrator's rating label.
10. Make sure that the food dehydrator is switched off and remove the plug from the mains electrical supply when it is not in use; before it is cleaned and whilst it is being repaired.
11. Ensure that the food dehydrator and power cord is not hung over sharp edges and keep away from hot objects and open flames; otherwise the plastic will melt and cause a fire.
12. Under no circumstances should the food dehydrator or plug be immersed in water or any other liquid. Do not use the appliance with wet hands.
13. Check the food dehydrator and power cord regularly for damage.
14. Do not use the food dehydrator should there be damage to the plug or cord, following a malfunction, or after it has been dropped or damaged in any way.
15. If the supply cord is damaged, it must be replaced by the manufacturer, its service agent or similarly qualified persons in order to avoid a hazard.
16. Repairs to the food dehydrator should only be performed by a qualified electrician. Improper repairs may place the user at risk.
17. Do not wash the BASE in a dishwasher or immerse it in water or any other liquid!!!
18. Always turn the power off at the power outlet before you insert or remove a plug. Remove by grasping the plug; do not pull on the cord.
19. Do not use your appliance with an extension cord unless this cord has been checked and

tested by a qualified technician or service person.

20. Never use an unauthorized attachment.
21. Avoid contact with moving parts. Keep hands, hair, clothing, spatulas and other utensils away during operation to reduce the risk of injury to persons and/or damage to the machine.
22. Please don't turn the draught of engine towards others or tinder.
23. Please don't keep it beside anything heating. Please keep the plug away from pressing; otherwise it will cause a fire or electric shock.
24. If you pass this appliance on to a third party, these operating instructions must also be handed over.
25. Do not touch hot surfaces .Use handles or knobs.
26. Unplug from outlet when not in use and before cleaning. Allow to cool before putting on or taking off parts .
27. Do not place on or near a hot gas or electric burner, or in a heated oven .
28. Do not use appliance for other than intended use .
29. The appliances are not intended to be operated by means of an external timer or separate remote-control system.

FOR HUSEHOLD USE ONLY SAVE THESE INSTRUCTIONS IMPORTANT SAFEGUARDS

Note of plug:

This appliance has a polarized plug(one blade is wider than the other).To reduce the risk of electric shock, this plug is intended to fit into a polarized outlet only one way .If the plug does not fit fully into the outlet, reverse the plug .If it still does not fit ,contact a qualified electrician. Do not attempt to modify the plug in any way.

Note of cord:

a)A short power-supply cord (or detachable power-supply cord) is provided to reduce the risk resulting from becoming entangled in or tripping over a longer cord .
b) Longer detachable power-supply cords or extension cords are available and may be used if care is exercised in their use.

c)If a longer detachable power-supply cord or extension cord is used :

- 1) The marked electrical rating of the cord set or extension cord should be at least as great as the electrical rating of the appliance;
- 2) The cord should be arranged so that it will not drape over the countertop or tabletop where it can be pulled on by children or tripped over unintentionally.

Caution:

- To reduce the risk of electric shock, do not immerse or expose the product, flexible cord or plug to rain, moisture or any liquid.
- Do not use the product near baths, basins or other vessels containing water or other liquids, or when standing in or on damp or wet surfaces. Don't keep the device in the watery environment;
- Keep the device away the place of high temperature、ray and wetly.
- Don't operate the device with wet hands.
- Please turn off the power supply in the watery environment.
- In the event where the appliance is dropped into the water, turn off the power at the power outlet and remove the plug immediately.
DO NOT REACH INTO THE WATER TO RETRIEVE IT.
- It is important to note that the appliance will have to be inspected by a qualified technician before using it again.

ATTENTION !

- Do not operate near gas spray cans.
- Incorrect operation and improper handling can lead to malfunction of the appliance and injuries to the user.
- The power cord can not be squeezed by something heavy or sharp, otherwise it will cause a fire or electric shock.
- The temperature of accessible surface may be **HIGH** when the appliance is operating.

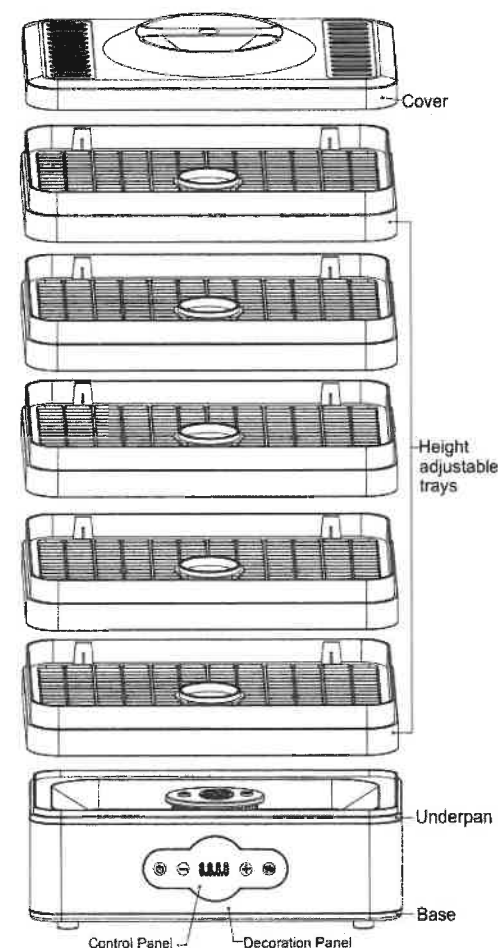
SPECIFICATION

Power supply: 120V, 60Hz

Wattage: 240W

Timer: 00:30 – 48:00

Thermostat: 95°F-167°F



BEFORE USE

Remove all packing from the product.

Place the packing inside the box and either store or dispose of responsibly

● **Cleaning:**

Before using the first time, wipe all parts of the appliance.

Clean the trays with a lightly moistened cloth.

Use detergent as needed.

Do not wash the BASE in a dishwasher or immerse it in water or any other liquid!!!

After cleaning the unit must be run in for 30 minutes without placing any food for drying during this period.

For the first time use any smoke or smells produced during this procedure are normal. Please ensure sufficient ventilation.

After the running in period, rinse the racks in water and dry all parts. This act is only necessary for the first time. (DO NOT WASH THE BASE!!!)

Unplug the dehydrator from the power supply and let it cool down before cleaning.

Use a soft brush to remove food sticking. Dry all parts before storing the dehydrator.

Do not clean the appliance with aggressive chemicals or abrasives in order not to damage the surface.

● **Assembling the appliance:**

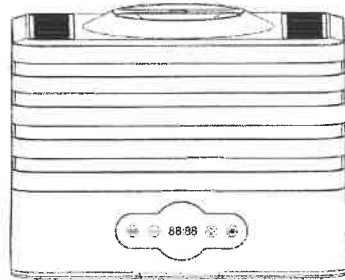
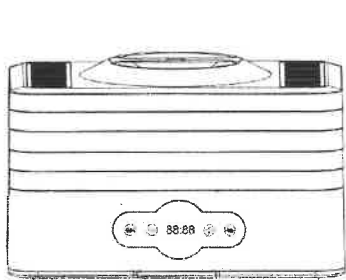
➤ Make sure that the dehydrator sits steadily on a solid, level surface. Stock the drying trays and connect the plug with a wall socket.

➤ The trays can be stacked with a clearance of 1.5 cm or 2.8 cm, and are therefore adjustable to the thickness of the food to be dehydrated.

Simply turning the trays through 180° it is possible to double the height to the insert more voluminous foods .

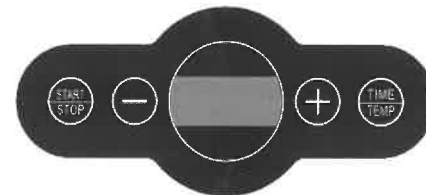
Trays nested within each other

Trays in higher position



OPERATION

Function buttons:



The digital control allows easy adjustment of dehydration temperature and time.

1. Place the dehydrator on a dry smooth surface

2. Place food on the trays and load into the machine

Note: It is recommended to stack at least 3 working trays, whether you have food on them or not.

3. Connect the power supply., the screen will shows "0000"

4. **Setting Timer (00:30- 48:00)**

Press **TIME/TEMP** button the display will show default time **10:00** and flash, and then press the "+"or "-" buttons until the desired time is displayed.

To change the time rapidly, hold down the "+"or "-" buttons.

5. **Adjusting Temperature (95°F -167°F)**

Press **TIME/TEMP** button again, the display window will show default temperature **158°F** and flash, and then press "+"or "-" buttons to select the desired temperature.

To change the temperature rapidly, hold down the "+"or "-" buttons.

6. After setting the time and temperature, Press the **START/STOP** button to start the dehydrating process .

Note:Please press the **START/STOP**button within 5 seconds, otherwise the dehydrator will go into standby mode

Note:If you press **START/STOP** again to stop dehydration, the timer countdown will reset and the dehydrator will go into standby mode.

7. Optionally, you can change the time and temperature at any time.

8. When the set time counts down to "0000", the heating element stops working first. The fan will continue running for 10 seconds and the buzzer rings 5 times "beep" sound (1 time/second), the screen will shows "End".

9. Unplug the unit.

Note: If dehydration is completed, remove food from dehydrator.

If additional drying time is needed, follow the preceding steps to continue dehydrating.

TROUBLESHOOTING

Problem	Possible Solution
The dehydrator will not turn on, or the fan is not working.	Unplug the dehydrator and plug it in again.
	The dehydrator may be damaged or malfunctioning.
"E1 " or "E2" appears on the display.	The dehydrator may be damaged or malfunctioning.
Foods are dried unevenly.	Cut foods evenly to ensure that they all finish drying at the same time. Avoid overlapping the food
	Follow the recipes and tips in the instruction manual.

DRYING TIPS:

Drying time for pre-treatment fruit will vary according to the following factors:

- 1) thickness of pieces or slices
- 2) number of trays with food being dried
- 3) volume of food being dried
- 4) moisture or humidity in your environment
- 5) your preferences of drying for each type of dried food

It is recommended to:








- Check your food every hour.
- Rotate and/or re-stack your trays if you notice uneven drying.
- Label food with contents dried, date and weight before drying. It will also be helpful to note the drying time for future reference.
- Pretreated food will give the best effect in drying.
- Correct food storage after drying also will help to keep food in good quality and save the nutrients.











Temperature Settings












95°F
104°F
113°F
122°F
131°F
140°F
149°F
158°F-167°F











Uses

Herbs, Flowers, Dough
Yogurt
Soft Vegetables
Hard Vegetables
Citrus Peel
Fruit
Fish
Meat Jerky, Fruit Rolls

Name	Preparation	Dryness test	Time, hours (approx.)
Apples 	Peel, core and cut slices or rings	Pliable	5-6
Apricots 	Cut in halves or in slices, remove pit	Pliable	12-38
Bananas 	Peel and cut into 3-4mm slices	Crisp	8-38
Cherries 	Pitting is optional, or pit when 50% dry	Leathery	8-34
Cranberries 	Chop or leave whole	Pliable	6-26
Red Dates 	Pit and slice	Leathery	6-26
Figs 	Slice	Leathery	6-26

Grapes		Leave whole	Pliable	8-38
Nectarines		Cut in half, dry with skin side down. Pit when 50% dry	Pliable	8-26
Orange rind		Peel in long strips	Brittle	8-16
Peaches		Pit when 50% dry. Halve or quarter with cut side up	Pliable	10-34
Pears		Peel and slice	Pliable	8-30
Strawberries		Cut into 3/8 inch slices, other berries whole	No moisture	8-26
Artichokes		Cut into 1/3-inch strips. Boil about 10 minutes	Brittle	6-14
Asparagus		Cut into 1-inch pieces	Brittle	6-14
Beans		Cut and steam blanch until translucent	Brittle	8-26
Beets		Blanch, cool, remove tops and roots, slice	Brittle	8-26

Brussels sprouts		Cut sprouts from stalk Cut in half length-wise	Crispy	8-30
Broccoli		Trim and cut. Steam tender, about 3-5 min.	Brittle	6-20
Cabbage		Trim and cut into 1/8-inches trips. Cut core into 1/4-inch strips.	Leathery	6-14
Carrots		Steam until tender. Shred or cut into slices	Leathery	6-12
Cauliflower		Steams blanch until tender. Trim and cut.	Leathery	6-16
Celery		Cut stalks into 1/4-inch slices	Brittle	6-14
Chives		Chop	Brittle	6-10
Cucumber		Pare and cut into 1/2-inch slices	Leathery	6-18
Eggplant/Squash		Trim and slice 1/4-inch to 1/2-inch thick	Brittle	6-18
Garlic		Remove skin from clove and slice	Brittle	6-16
Hot peppers		Dry whole	Leathery	8-14

Mushrooms		Slice, chop, or dry whole	Leathery	6-14
Onions		Slice thinly or chop	Brittle	8-14
Peas		Blanch for 3-5 min.	Brittle	8-14
Peppers		Cut into 1/4-inch strips or rings. Remove seeds.	Brittle	4-14
Potatoes		Slice, dice or cut. Steam blanch 8-10 min.	Brittle	6-8
Rhubarb		Remove outer skin and cut into 1/8-inch lengths	No moisture	8-38
Spinach		Steam blanch until wilted	Brittle	6-16
Tomatoes		Remove skin. Cut in halves or slices.	Leathery	8-24
Zucchini		Slice into 1/4-inch pieces	Brittle	6-18
Mangos		Remove skin, slice 3/8" thick. Space out on dehydrator tray	Leathery	6-16

Note: Time and methods of fruit pre-treatment, shown in the table above should be used as a guide only. Customer preferences of vegetables drying might not be the same as shown in the table above.

Jerky:

Beef jerky

Makes: 250g

Preparation: 10 mins (+ 12 hours marinating time)

Drying: 5 hrs

500g beef fillet or sirloin, excess fat trimmed

½ cup soy sauce

½ cup Worcestershire sauce

1 teaspoon salt



1. Place beef in a shallow glass dish. Pour over combined sauces and salt. Cover with plastic wrap and place in the fridge, turning occasionally, for 12 hours to marinate. Drain. Discard marinade.
2. Use a large sharp knife to cut beef fillet across the grain into 5mm-thick slices. Arrange beef on drying racks. Dry on 158°F for 5 hours, rotating racks halfway through drying process, for 5 hours.

Fish Jerky

2 cups water

2 cups brown sugar

1 cup salt

¼ cup soy sauce

4 fillets firm white fish or salmon, skin removed

2 teaspoons paprika, optional

1. Combine water, sugar, salt and soy sauce in a saucepan over medium heat. Stir until all sugar has dissolved. Set aside until room temperature.
 2. Cut fish into 2cm thick strips. Place in cooled marinade. Cover and refrigerate overnight or for at least 6 hours.
 3. Set Dehydrator to 149°F.
 4. Drain salmon. Lay salmon across the Dehydrator shelves in a single layer.
 5. Place in Dehydrator. Leave for 8 hours. Store in airtight container in refrigerator for up to 1 week.
- TIP:** Remember if you are using salmon or any other high fat fish, the shelf life will be significantly reduced.

TIP

- Choose lean meat without much marbling (fat distributed throughout meat).

IMPORTANT: Meat must be of the highest quality and marinated on day of purchase.

- Marinate the meat in its whole form and slice after marinating. The marinade needs to be salty (see Beef jerky recipe) as this helps draw moisture from the meat reducing the water content and making the meat safe to consume.
- Store the marinated meat in the fridge for up to 12 hours. Drain well.

- The meat needs to be sliced thinly and each slice needs to be of equal thickness, preferably 5mm. You can achieve this with a deli-style meat slicer.
 - Sometimes partially freezing the meat first, and then slicing it makes slicing easier. Then thaw meat before arranging on trays to dry.
 - Always slice the meat across the grain. Meat sliced with the grain falls apart and can have a chewy texture.
 - Dehydrated meat needs to be stored in an airtight container in the fridge for up to 3-4 weeks. If wanting to store for a longer period, label, date and freeze for up to 3 months. Thaw in fridge overnight.
 - Once the drying time is complete, cool beef to room temperature and pat surface dry with a paper towel to remove any excess surface moisture and ensure keeping times are safe.
- IMPORTANT: Meat must be stored in the fridge or freezer only. Storing meat at room temperature could promote the growth of bacteria if not dried thoroughly.

Cheesy Kale Chips

The ingredients may not look cheesy but the flavor comes from the yeast and miso paste.

- 2 bunches kale, washed, roughly torn
- 1 cup nutritional yeast
- 1 cup white miso paste
- 2 tablespoons extra virgin olive oil
- 1 teaspoon sea salt
- 2 cloves garlic, crushed



1. Set Dehydrator to 122°F.
 2. Combine yeast, miso, oil, salt and garlic. Stir to form a paste.
 3. Rub kale leaves with miso mixture. Place on Dehydrator shelves.
 4. Place in Dehydrator. Leave for 12-13 hours or until crispy. The length of time will depend on the thickness of the kale leaves.
- Store in an airtight container for up to one week.

Cheesy Bread

- 1 cup warm water
- 2 tablespoons sugar
- 1 tablespoon yeast
- 4½ cups flour
- ⅓ cup olive oil
- 1 tablespoon dried oregano
- 2 teaspoons salt
- Filling: 500g bacon, cooked
- 2 cups grated mozzarella cheese
- 1 cup grated cheddar cheese



1. Set Dehydrator to 95°F. Line a Dehydrator shelf with baking paper.
2. In a jug combine water, yeast and sugar. Place jug in Dehydrator for 10 minutes. The yeast should be bubbly.
3. Place flour, olive oil, oregano and salt on a work surface. Form into a mound and make a well in the center.
4. Add the liquid ingredients and slowly bring the flour into the center to form a dough. Knead for about 5 minutes or until the dough is elastic and smooth.
5. Lightly grease a large bowl with oil. Place dough in the bowl and place in Dehydrator. Leave for 1 hour or until doubled in size.
6. Remove from the bowl and knead quickly for 1 minute.
7. Roll dough out into a large rectangle. Cover the dough with bacon and cheese. Roll up, using the widest side, into a cylinder. Bring the two ends of the dough together to form a circle. Pinch dough together to seal.
8. Place on a lined Dehydrator shelf. Place in Dehydrator. Leave for 30 minutes. At this point preheat oven to 392°F.
9. Remove dough from Dehydrator and place on metal baking tray. Bake for 20 minutes or until golden and cheese is bubbling.

Nutty Quinoa Granola

- 2 cups quinoa, soaked for 2 hours
- 1 cup pecans, soaked for 2 hours
- ½ cup pumpkin seeds, soaked for 2 hours
- ½ cup sunflower seeds, soaked for 2 hours
- ⅓ cup maple syrup
- 2 teaspoons ground cinnamon
- 1 teaspoon ground mixed spice
- 1 teaspoon vanilla extract
- 1 teaspoon sea salt
- 2 tablespoons coconut oil
- 6 medjool dates, stones removed, roughly chopped



1. Set Dehydrator to 149°F. Line non-stick sheet on tray.
2. Drain quinoa, pecans, pumpkin and sunflower seeds.
3. In a large bowl combine all ingredients. Make sure all ingredients are coated in oil and syrup.
4. Spread evenly over 2 Dehydrator shelves.
5. Place in Dehydrator. Leave for 24 hours or until crunchy. Place in airtight container.

Apricot Coconut Cookies

- 2 cups dried dates, stones removed
- 1 cup almond butter
- 1 cup dried apricots
- 1 cup shredded coconut
- ½ teaspoon salt



1. Set Dehydrator to 158°F.
2. Place all ingredients in the bowl of a food processor. Pulse until a chunky paste has formed.
3. Form mixture into 1 tablespoon sized balls. Place on Dehydrator shelves. Press down to flatten.
4. Place in Dehydrator. Leave for 7-8 hours or until firm. Store in an airtight container for up to one week.

STORAGE

- Store food only after they have cooled down.
- Food can be kept longer if stored in a cool, dry and dark place.
- Remove all the air you possibly can from the storage container and close tightly.
- Optimal storage temperature is 59°F or lower.
- Never store food directly in a metal container.
- Avoid containers that “breathe” or have a weak seal.
- Check the contents of your dried food for moisture during the weeks following dehydration. If there is moisture inside, you should dehydrate the contents for a longer time to avoid spoiling.
- For best quality, dried fruit, vegetables, herbs, nuts, bread should not be kept for more than 1 year, if kept in the refrigerator or freezer.
- Dried meats, poultry and fish should be stored for no more than 3 months if kept in the refrigerator, or 1 year if kept in the freezer.

Maintenance/Cleaning Method

After using, unplug the dehydrator from the power supply and let it cool down before cleaning.

Use a soft brush to remove food sticking on the trays.

Dry all parts with a dry cloth before storing the dehydrator.

Clean the surface of body with damp cloth.

Use paper towels to remove any excess marinade.

Do not clean the appliance with aggressive chemicals or abrasives in order not to damage the surface.

Protect the appliance from dust and dirt when not using it for a prolonged length of time (wrap it in a plastic bag). Store it in a dry place

SAVE THIS INSTRUCTION !