

OPERATION MANUAL



ICE SHAVER BLENDER MODEL:SB-7X

*Before operating this machine, please read understand the instructions specified in this manual for proper and safety use.

*Retain this manual for your immediate and future references.

JOYTEC CORPORATION



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Safety Instructions

- To ensure the proper use of this product, carefully read and understand all instructions before using this product.
- This instruction manual indicates important safety rules and precautions that must be observed.
- The following is the meanings of the markings and symbols used in this instruction manual.

	WARNING	This symbol indicates that failure to observe instruction marked with this symbol will result in serious personal injury or death.
	CAUTION	This symbol indicates that failure to observe instruction marked with this symbol can result in minor personal injury or property damage.

*Property damage includes damage to homes, households, livestock, pets, and etc.

Markings and Symbols

 Electric shock	The triangle denotes an important warning or caution. Inside or near the symbol will appear another symbol giving details. (Ex. The symbol on the left stands for "Electric shock")
 Do not disassemble	The circle with a diagonal line denotes an action that is forbidden. Inside or near the symbol will appear another symbol giving details. (Ex. The symbol on the left stands for "Do not disassemble")
 Unplug	The colored circle denotes an action that must be taken. Inside or near the symbol will appear another symbol giving details. (Ex. The symbol on the left stands for "Unplug the unit")

WARNING

Check for any damage due to transportation when you receive the product.

If you find any damage, please contact your dealer and inform the extent of damage (with the packing). Using a damaged product will result in a risk of electric shock, fire, and injury.



Check for damage

Install the product in a dry place. Avoid humidity and water.

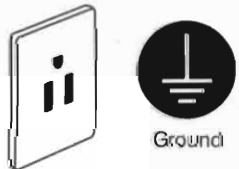
Humidity and water will deteriorate the insulation and will result in a risk of ground leakage and electric shock.



Avoid moisture

Ground the product.

Be sure to connect an appliance to an outlet with a ground.



Ground

Do not install near thermal appliance (ex. stoves, etc).

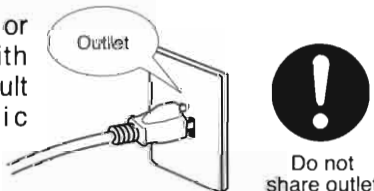
Plastic parts can melt by the heat.



Keep away from heat source

Do not share the wall outlet with any other products.

Using extension cords or sharing the outlet with other products will result in a risk of electric shock, heat, and fire.



Do not share outlet

This product is for professional-use. Do not allow children to use the product unattended. Keep out of the reach of children.

Will result in a risk of electric shock and injury.



Forbidden

! WARNING

Do not expose the product to water.

Will result in a risk of short circuit, electric shock, rust, and malfunction.



Avoid water

Avoid damage or dust on power cord.

Never modify, pull, or bundle the power cord. Also do not place heavy objects on the power cord, or pinch the power cord. Avoid dust on power cords. Not observing this instruction will damage the power cord and result in a risk of electric shock or fire.



Forbidden

Check for dust on prong of power plug and outlet slot at fixed intervals. Ensure that plug is inserted firmly all the way.

Dust and improper connections will result in a risk of electric shock and fire.



Maintenance

Do not touch electric parts such as plugs or operate any electric switches with wet hands.

Will result in a risk of electric shock.



Avoid wet hands

Do not open the lid of Ice Hopper or insert hands inside the shaving pool during operation.

Will result in a risk of injury.



Forbidden

In case using an earth leakage breaker: If the earth leakage breaker turns OFF, contact your local dealer.

Turning the switch ON will result in a risk of electric shock and fire.



Contact dealer

Do not use outside.

Using the product where it is exposed to rain will result in a risk of ground leakage and electric shock.



Do not use outside

Turn the power OFF in case any abnormality occurs. Unplug the product, cut the power source, and immediately contact your local dealer.

Operating a product with abnormality will result in a risk of electric shock and fire.



Unplug

Before attempting any maintenance or inspection inside the shaving pool, or replacing the blade, ensure to turn the power OFF, unplug the product, and wear gloves. Keep fingers away from blade edges.

Will result in a risk of injury.



Unplug

Do not attempt to disassemble or repair the product. All services (excluding replacement of blades and cleaning) shall be conducted by a qualified technician only.

This is to minimize the possibility of injury caused by unit malfunction. Improper service will result in a risk of electric shock and fire.



Do not disassemble

Do not attempt to modify the product.

Modifying the product will result in a risk of electric shock and fire.



Do not modify

Keep fingers away from blade edges

Wear gloves when cleaning the blender cup or replacing the blades. To minimize the possibility of cutting your hands, watch for the blade edges.



Forbidden

When cleaning the inside of shaving pool, ensure to lower the blades underneath the shaving pool. Always wipe the inside in clockwise direction.

Will result in a risk of injury



Cleaning

! CAUTION

Install the product horizontally on a steady flat surface.

Improper installation can cause the unit to fall down and result in a risk of injury.



Level

Before attempting any maintenance or inspection, always turn OFF the power and unplug.

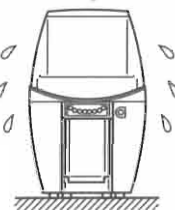
Water may enter an unexpected area and cause electric shock. The product may accidentally operate and cause injury.



Unplug

Install the product on a waterproof surface.

Water such as dewfall or melting ice may drop from the product and moisten the surrounding area.



Installation site

Before using the product, ensure to sanitize the shaving pool and ice chute, etc.

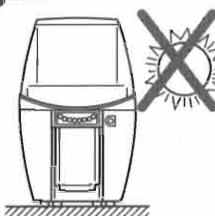
This is to prevent multiplication of bacteria. Bacteria can result in a risk of health problems.



Cleaning

Avoid direct sunlight.

Direct sunlight can result in a risk of crack on plastic parts.



Forbidden

Do not use flammable sprays near the product. Keep vapors and flammable material away from the product.

Vapors or flammable material may catch fire by the spark of electric switches and result in a risk of fire.



Forbidden

Do not place foreign objects (spoon, toothpick, button, etc) inside the shaving pool.

Foreign objects may suspend the motor and result in a risk of heat and fire.



No foreign objects

Hold the plug head when unplugging. Do not grasp any part other than the plug head.

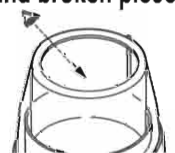
Do not pull the electric cord off the outlet by grasping any part other than the plug head. Pulling the electric cord may damage the power cord and result in electric shock or fire.



Forbidden

In case the motor stops during operation, turn OFF the power, unplug, dispose all shaved ice, and check for foreign objects (spoon, toothpick, button, etc) and broken pieces of blades remaining inside the shaving pool.

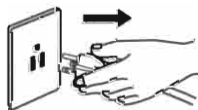
Can result in a risk of injury.



Check for foreign objects

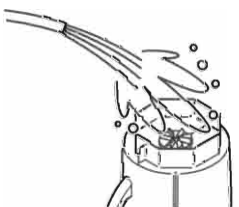
At the end of each day, turn OFF the power switch and unplug the product for safety.

This is to prevent dust from accumulating on the plug and electrical outlet. Dust on plug and outlet can result in a risk of heat and fire.



Do not expose bottom of blender cup to water.

This will deteriorate the rotation of blades and cause insufficient mixing.



Forbidden

Refer to a qualified service or your local dealer when discarding the product.

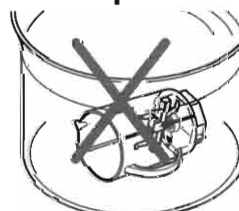
Abandoned products are dangerous and can result in a risk of injury. Blades are dangerous and require proper disposal.



Qualified service

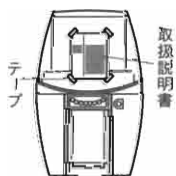
Do not place blender cup into water.

This will deteriorate the rotation of blades and result in insufficient mixing.



Forbidden

When selling or transferring this product to a third person, tape this instruction manual on the noticeable area of the product. This is to ensure that the new owner reads and understand all instructions.



Tape manual

Part Names and Features

Intended purpose

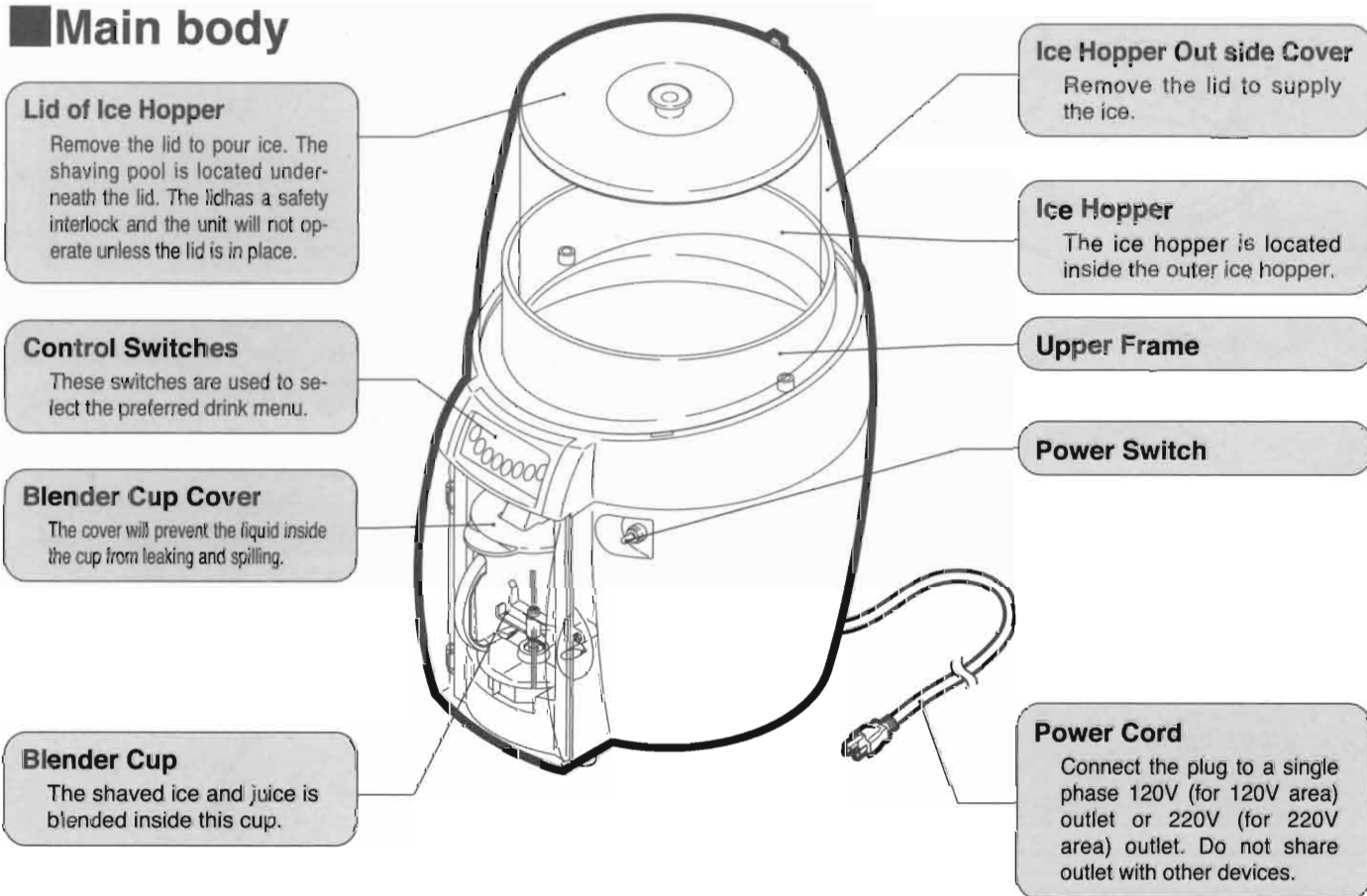
● This Ice Shaver Blender is designed for making frozen beverages from cubed ice.

※ Cubed ice is ice that is 3cm on a side made by an ice machine.

When large clumps of ice are used, break them so that they are 3cm on a side or smaller.

※ The product is not designed for blending and mixing fruits. Using this product as a fruit blender will burden the motor and blades, and result in malfunction of the unit.

Main body



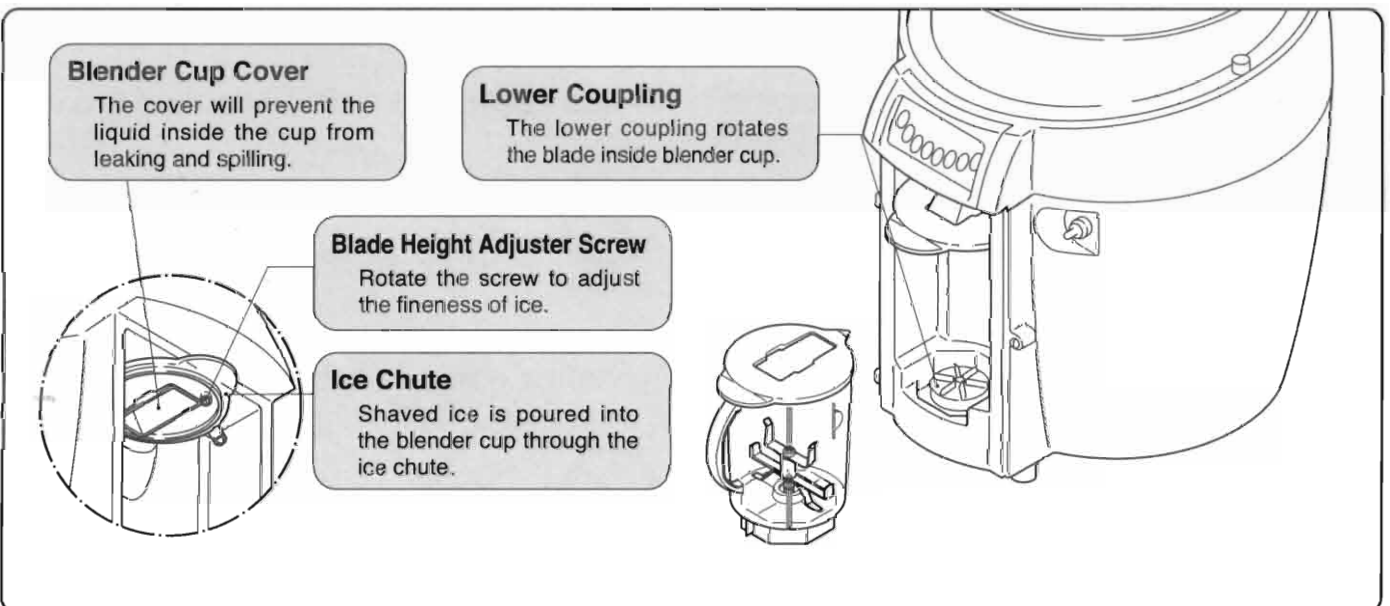
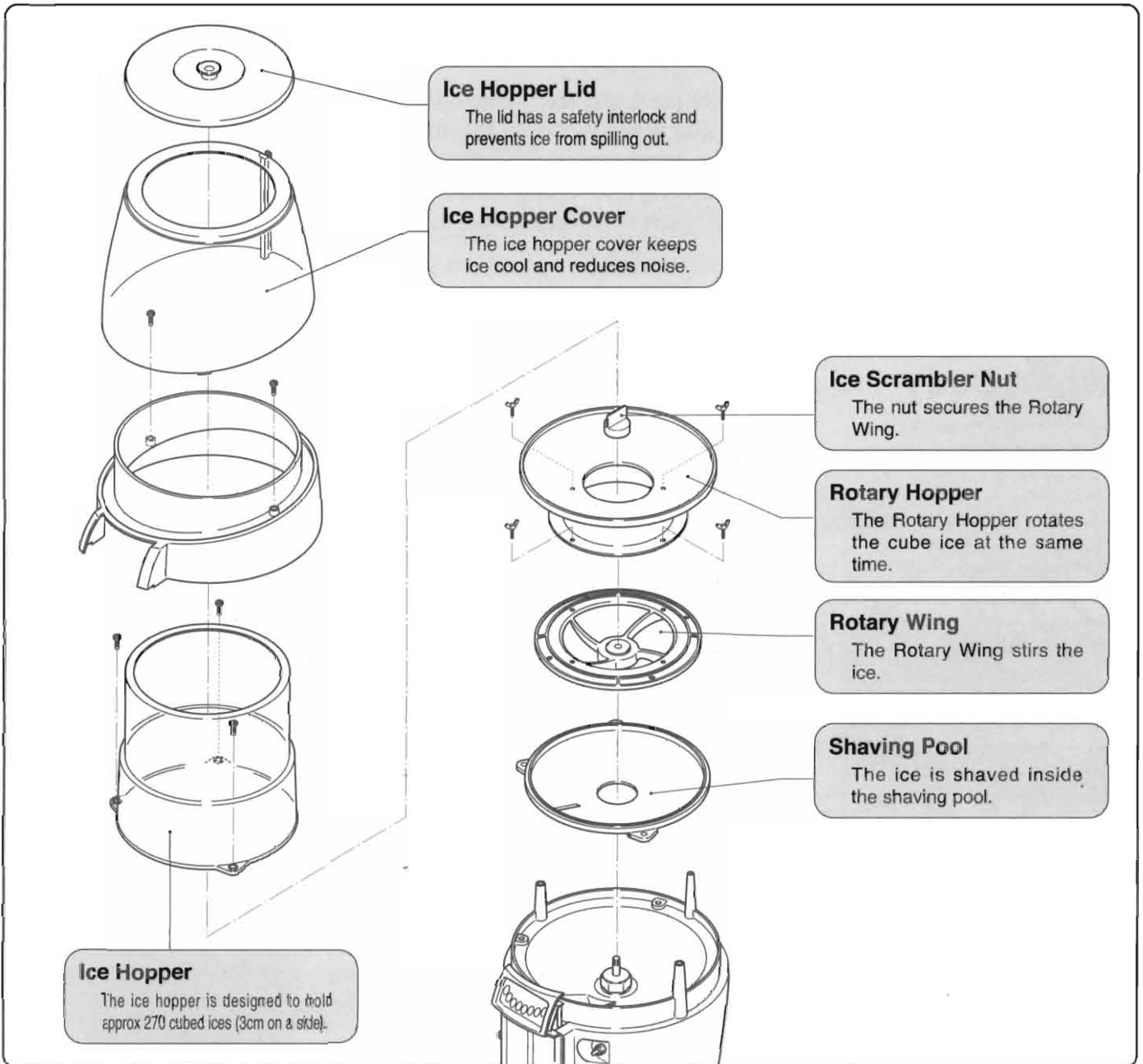
Accessories

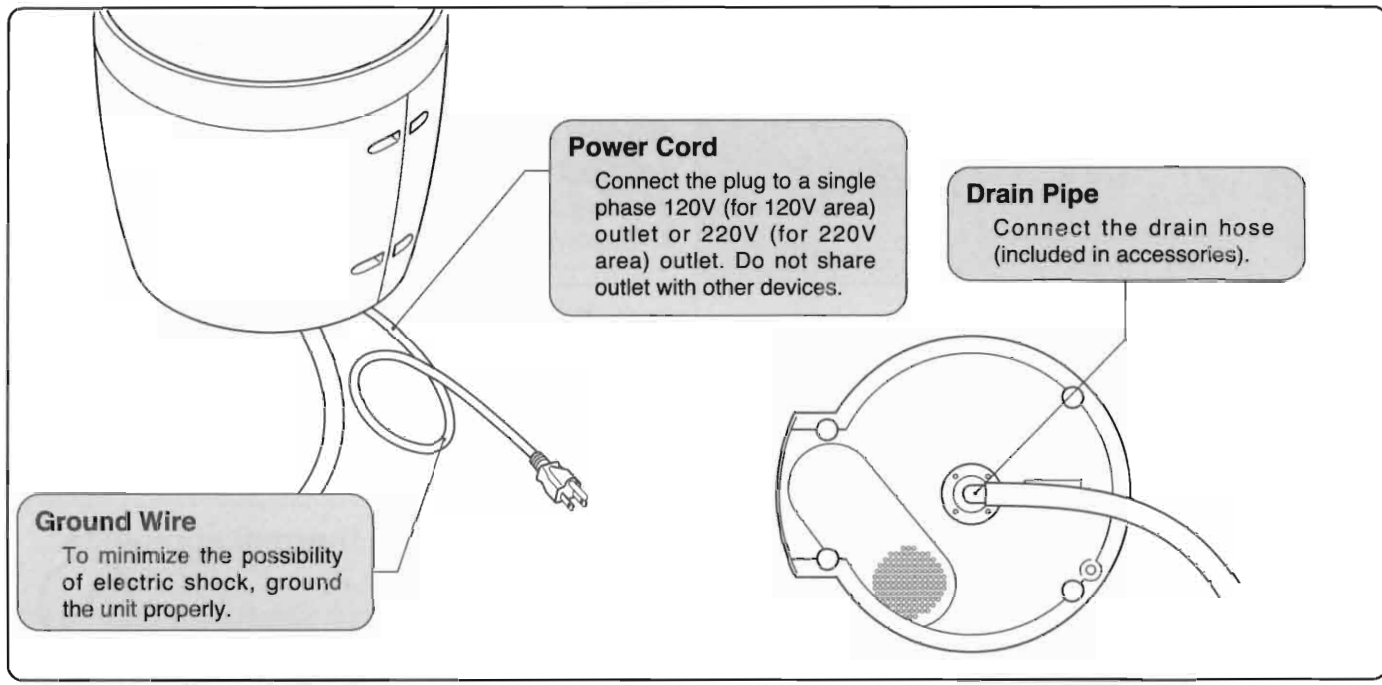


Drain Hose (1pce.)



Operation Manual (This document)

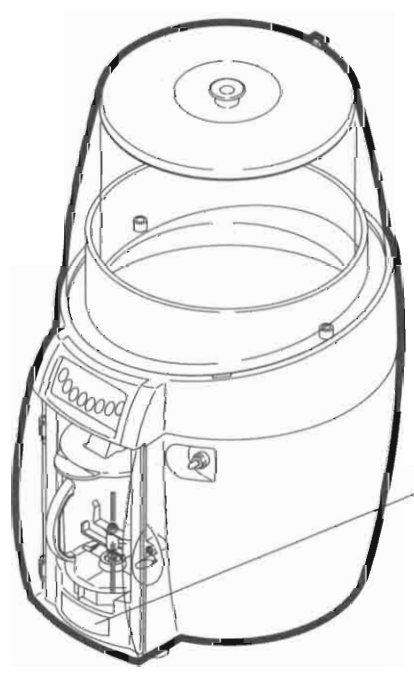





Location of safety labels

Note

- Do not remove labels.
- If labels come off, or when it becomes unreadable, please purchase new labels from your dealer and replace it. Order the labels indicated below.



Part Name : PL Label 701

 Read with caution	⚠ WARNING
	To ensure the proper use of this product, carefully read and understand all instructions before using this product.

(Fixed on the lower front of main body)

Installation and Points to be Checked Before Operation

Installation

WARNING

This product is for professional-use. Do not allow children to use the product unattended. Keep out of the reach of children.

Will result in a risk of electric shock and injury.



Forbidden

Ground the product.

Do not connect the ground wire to gas pipes, water pipes, conductor rods, or telephone ground wires. Improper grounding will result in a risk of electric shock. (Type-D grounding conducted by an electrician is required)



Ground

Install the product in a dry place. Avoid humidity and water.

Humidity and water will deteriorate the insulation and will result in a risk of ground leakage and electric shock.



Avoid moisture

Do not share the wall outlet with any other products.

Using extension cords or sharing the outlet with other products will result in a risk of electric shock, heat, and fire.



Do not share outlet

Do not install near thermal appliance (ex. stoves, etc).

Plastic parts can melt by the heat.



Keep away from heat source

CAUTION

Install the product horizontally on a steady flat surface.

Improper installation can cause the unit to fall down and result in a risk of injury.



Level

Install the product on a waterproof surface.

Water such as dewfall or melting ice may drop from the product and moisten the surrounding area.



Installation site

Avoid direct sunlight.

Direct sunlight can result in a risk of crack on plastic parts.



Forbidden

Points to be checked before operation

- **Connect to an AC120V (For 120V area) or AC220V (for 220V area) power source.**
Do not connect the product to a generator. Any malfunction or damage due to connecting the product to a generator is not covered by the warranty.
- **Before operating the product for the first time, sanitize the inside of shaving pool in order to remove the dust and dirt accumulated during storage. (Refer to P15~P18 "Maintenance")**

Other

- **When using chipped ice for ice shavings.**
If you begin ice shaving using chipped ice, the surface temperature of shaving pool will be too high and first serving may become sloppy and poor in quality.
- **In certain regions, the usage of an ice shaver blender at events may not be allowed. Please contact the appropriate agency (such as public health centers) before using the product at events.**

Operating Instructions



WARNING

Do not open the lid of Ice Hopper or insert hands inside the shaving pool during operation.

Will result in a risk of injury.



Forbidden

Turn the power OFF in case any abnormality occurs. Unplug the product, cut the power source, and immediately contact your local dealer.

Operating a product with abnormality will result in a risk of electric shock and fire.



Unplug

Do not touch electric parts such as plugs or operate any electric switches with wet hands.

Will result in a risk of electric shock.



Avoid wet hands



CAUTION

Do not place foreign objects (spoon, toothpick, button, etc) inside the shaving pool.

Foreign objects may suspend the motor and result in a risk of heat and fire.



No foreign objects

Hold the plug head when unplugging. Do not grasp any part other than the plug head.

Do not pull the electric cord off the outlet by grasping any part other than the plug head. Pulling the electric cord may damage the power cord and result in electric shock or fire.



Forbidden

In case the motor stops during operation, turn OFF the power, unplug, dispose all shaved ice, and check for foreign objects (spoon, toothpick, button, etc) and broken pieces of blades remaining inside the shaving pool.

Can result in a risk of injury.



Check for foreign objects

At the end of each day, turn OFF the power switch and unplug the product for safety.

This is to prevent dust from accumulating on the plug and electrical outlet. Dust on plug and outlet can result in a risk of heat and fire.



Unplug

Do not use flammable sprays near the product. Keep vapors and flammable material away from the product.

Vapors or flammable material may catch fire by the spark of electric switches and result in a risk of fire.

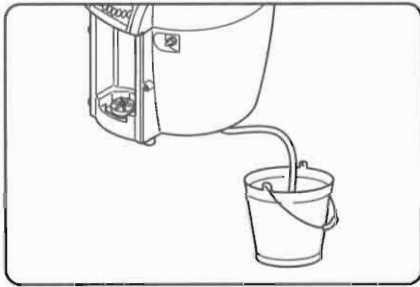
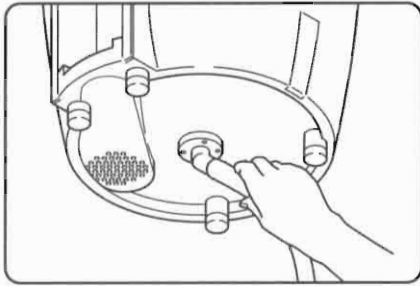


Forbidden

Notes

- (1) Excessively low temperature ice, such as frosted ice, is too hard for shaving. Leave the ice until frost disappears and it becomes transparent. The ice shaved produced from excessively hard ice will be powdery, which is far from the soft and fine ice that is generally preferred. Also, excessively hard ice can bend the blades and make them unusable. Therefore, melt the frost and leave the ice until it is "soft" and transparent.
- (2) Do not place anything on top of unit.

■ Drain line

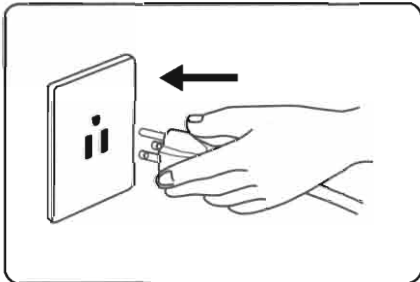


1

How to use the drain line

- Tilt the unit and insert the drain hose (included in accessories) to the drain pipe located on the middle of the bottom.
- The drain hose can be pulled out from the left side, right side and the back side of unit.
- The end of drain hose should drain into a bucket or etc, to receive the drain water.

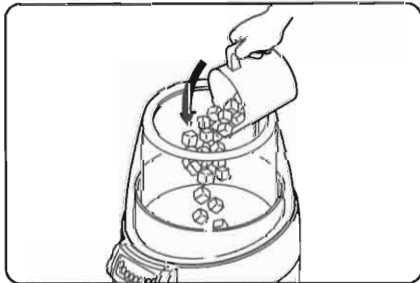
■ Operation



1

Insert the power plug.

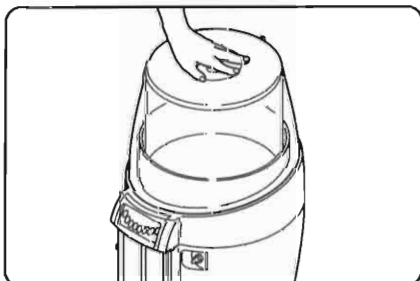
- After ensuring that the power switch is turned OFF, insert the power plug into the outlet.



2

Pour in cubed ice

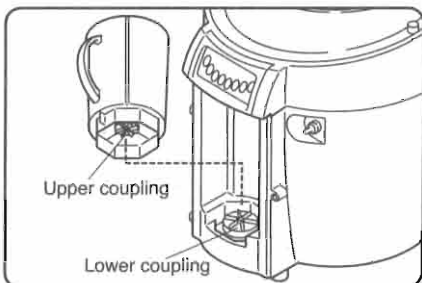
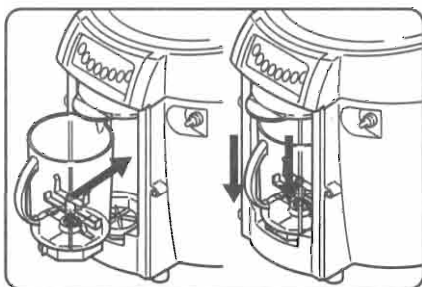
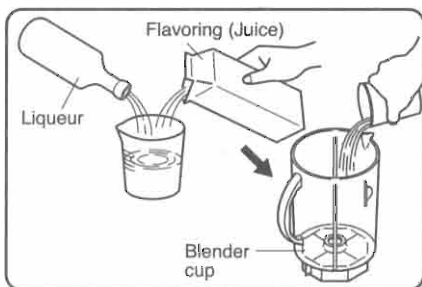
- Before opening the lid of Ice Hopper, ensure that the unit is not operating.
- Pour in the required amount of ice.
- Evenly place ice inside the ice hopper. Leave 3cm of clearance on the upper part of ice hopper. Do not overfill. Unevenness of ice can cause vibration.
Recommended ice volume: 8~9 cubed ices for one serving (200g)
Maximum capacity: Approx 120 cubed ices



3

Seat the lid in its place

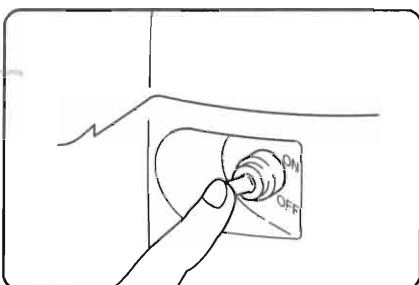
- The lid has a safety interlock and the unit will not operate unless the lid is in place.



4 Add flavoring (juice), liqueur, or water into the blender cup.

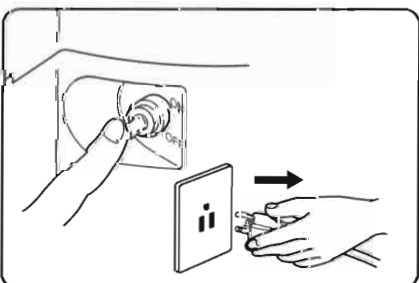
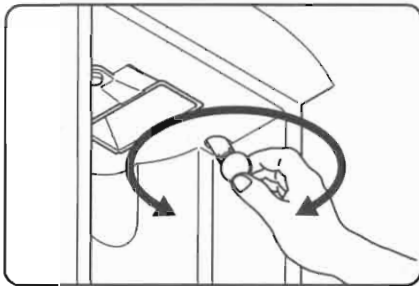
- To make one frozen cocktail (serving size is approx. 300cc), you need approx 120cc of flavoring and approx 30cc of liqueur or water.
- ※ Ensure the flavoring (juice) is completely defrosted before use. Using frozen flavoring may result in poor quality servings.
- Hold the blender cup with one hand and slide it forward along the groove on the main body. When the blender cup is inserted all the way, gently press the cup down into the lower coupling until it is seated. Ensure that the blender cup is firmly in place. Improper setting of the blender cup may result in malfunction of the unit.
- To prevent the content from spilling, ensure the blender cup cover is firmly placed on the blender cup.

< Control Panel >



5 Turn the power ON

- Turn ON the power switch. The STOP lamp will turn red.
- Press "SELECT" button for Drink Size of Small (12 oz) or Large (16 oz) .
- Press the 1 DRINK (1 DR) , 2 DRINK (2DR), 3 DRINK (3DR) or 4 DRINK (4DR) button. The SHV lamp (green) and MIX lamp (orange) will lighten up and operation will start.
- Shaving and mixing operation will be conducted automatically.



5

- The lid has a safety interlock and operation will stop when the lid is removed during shaving. Do not use this safety interlock intentionally to stop or start the unit. This may cause malfunction of the unit.

Troubleshooting Tips

● Beverage is too soft

Add shaved ice. (1) Press "SHV" button for the desired amount. (2) Press "MIX" button for blending. (3) Check the doneness.

● Beverage is too hard

Add products. (juice). (1) Pour additional products into the blender cup. Press "MIX" button. (2) Check the doneness.

● Fine Adjustment for the amount of Shaved Ice

- 1) For increase Turn the blade height adjuster screw to the right (clockwise)
- 2) For decrease Turn the blade height adjuster screws to the left (counterclockwise).

Note

Blade height adjustment can be done with using with a flathead screwdriver or a coin. As an aim, turn the adjust screw every around from 10 degrees to 15 degrees. Repeat this process until you reach the desired amount. Quantity of ice extremely changes when you turn it too greatly.

How to adjust the shaving

- The fineness of ice can be adjusted by turning the blade height adjuster screw with a flathead screwdriver or a coin.
- For rougher shaved ice (or faster shaving speed), rotate the blade height adjuster screw to the right (clockwise). For finer shaved ice (or slower shaving speed), rotate the blade height adjuster screw to the left (counterclockwise).
- Turning the blade height adjuster screw for 360 degrees will raise or lower the blade edges for approx 0.5 mm.
- The factory default blade position is approx 0.8mm higher than the shaving pool surface.
- As an aim, turn the adjust screw every around from 10 degrees to 15 degrees. Repeat this process until you reach the desired amount. Quantity of ice extremely changes when you turn it too greatly.

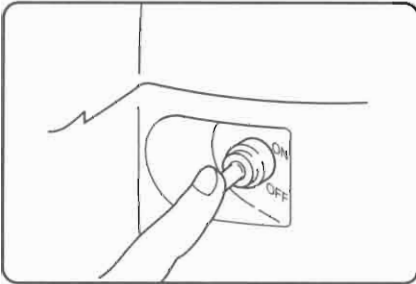
6

Turn the power OFF, and unplug the unit after use.

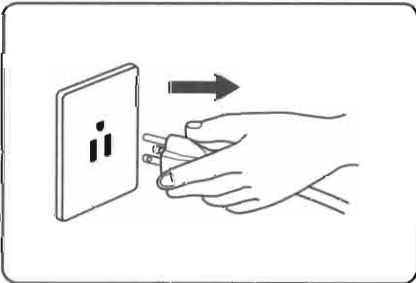
- This is to ensure operation has stopped.
- At the end of each day, ensure to unplug the unit.

Reset Switch (Protector)

- This unit is equipped with a Reset Switch (Protector) which will suspend the unit when the motor is overloaded.
- The reset switch (protector) for the shaving motor is at the right of the machine.
- The reset switch (protector) for the blending motor is installed inside the motor.
- In case the protector turns on, follow the procedures indicated below.



1 Turn the power OFF

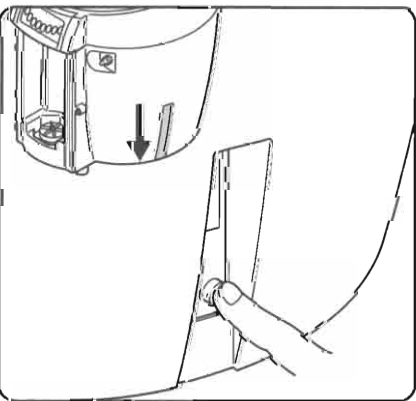


2 Unplug the unit.



3 Remove the cause of overload.

(Ex) In case foreign objects (a metal clasp of cube Ice bag, spoon, toothpick, button, etc) are found inside the shaving pool, first remove the blade (see P13), and then remove the foreign object. At this time, check for any damage on blade.



4 When the shaving motor stops.

- Push down the right side door of a machine for opening door. Press a red button. A "click sound" will be made and the unit will reset automatically.

When the blending motor stops.

- A protector is automatic return type in a storehouse in a blending motor. The unit will reset automatically in 30-60 minutes.

※If the protector turns on frequently, please contact your dealer.

Safety Switch

- To minimize the possibility of injury, the lid of Ice Hopper has a safety interlock and operation will stop when the lid is removed during shaving operation.
- When the blender cup is not set or the setting is not correct, the safety switch works and the machine doesn't operate.
- Do not use this safety interlock intentionally to stop or start the unit. This may cause malfunction of the unit.

How to Replace Blades



WARNING

Before attempting any maintenance or inspection inside the shaving pool, or replacing the blade, ensure to turn the power OFF, unplug the product, and wear gloves. Keep fingers away from blade edges.

Will result in a risk of injury.



Unplug



CAUTION

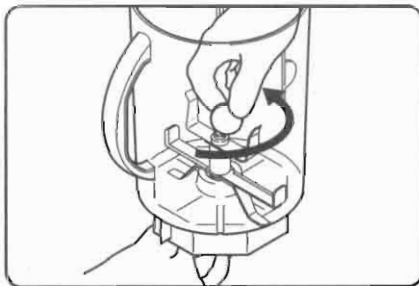
Before attempting any maintenance or inspection, always turn OFF the power and unplug.

Water may enter an unexpected area and cause electric shock. The product may accidentally operate and cause injury.

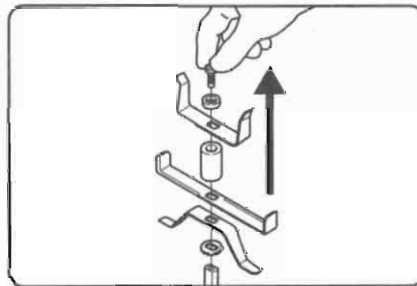


Unplug

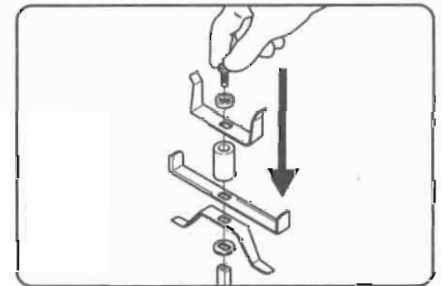
Installing the mixing blade



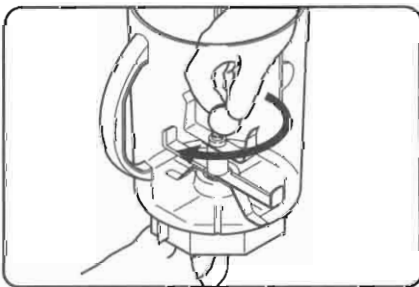
- 1 Grip the coupling (made of rubber) on the other side of the bottle firmly. Rotate the screw at the center to the left (counterclockwise) direction with using a coin or a flathead screwdriver.



- 2 Pull out the blades (upper, center, lower =3 pcs.) and 2 spacers (large and small) from the shaft sequentially.



- 3 Insert in the shaft in the order of 1) new blade (lower), 2) new blade (center), 3) spacer (large), 4) blade (upper), spacer (small).
*Watch for the direction of blades. Ensure blades are not upside down.

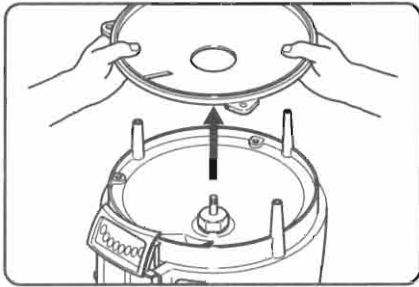


- 4 Grip the coupling (made of rubber) on the other side of the bottle firmly. Insert the screw into the center of the shaft, and screw and tighten to the right (clockwise) direction with using a coin or a flathead screwdriver.

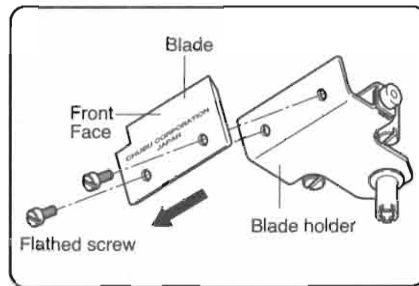
Remarks

For attempting the work, be sure to wear gloves and keep fingers away from blade edges. Will result in a risk of injury.

■ Removing the slicing blade

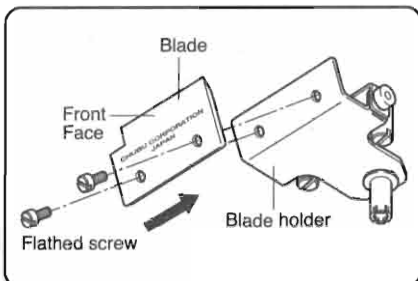


- 1 Remove the Shaving Pool. For how to disassemble it, see the page 15 & 16. (Daily Maintenance).



- 2 Remove the two cross slot screws that hold the blade holder and blade.
※ For attempting the work, be sure to wear gloves and keep fingers away from blade edges. Will result in a risk of injury.

■ Installing the slicing blade



- 1 With the front face (the face with the marking) in front, use two cross slot screws to fix the blade to the blade holder tightly.
※ For attempting the work, be sure to wear gloves and keep fingers away from blade edges. Will result in a risk of injury.

Maintenance

WARNING

Do not expose the product to water.

Will result in a risk of short circuit, electric shock, rust, and malfunction.



Avoid water

Before attempting any maintenance or inspection inside the shaving pool, or replacing the blade, ensure to turn the power OFF, unplug the product, and wear gloves. Keep fingers away from blade edges.



Unplug

Will result in a risk of injury.

Do not touch electric parts such as plugs or operate any electric switches with wet hands.

Will result in a risk of electric shock.



Avoid wet hands

Keep fingers away from blade edges

Wear gloves when cleaning the blender cup or replacing the blades. To minimize the possibility of cutting your hands, watch for the blade edges.



Forbidden

When cleaning the inside of shaving pool, ensure to lower the blades underneath the shaving pool. Always wipe the inside in clockwise direction.



Cleaning

Will result in a risk of injury

CAUTION

Do not use flammable sprays near the product. Keep vapors and flammable material away from the product.

Vapors or flammable material may catch fire by the spark of electric switches and result in a risk of fire.



Forbidden

Before using the product, ensure to sanitize the shaving pool and ice hopper.

This is to prevent multiplication of bacteria. Bacteria can result in a risk of health problems.



Cleaning

Do not expose bottom of blender cup to water.

This will deteriorate the rotation of blades and cause insufficient mixing.



Forbidden

Do not place blender cup into water.

This will deteriorate the rotation of blades and result in insufficient mixing.



Forbidden

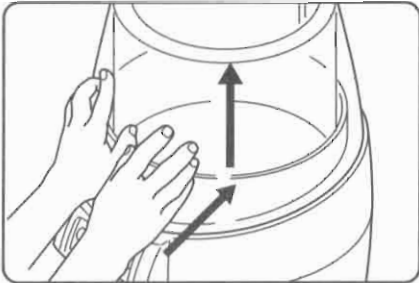
Notes

- To minimize the possibility of deformation of plastic parts, do not use warm water which temperature is higher than 40 degree C.
- To minimize the possibility of damage on plastic parts, do not use the following on plastic part. Paint thinner, benzine, alcohol, petroleum, soap powder, cleanser, alkaline detergent, acid, sodium hypochlorite, scrubbing brush, etc. When using disposable cloths or alcohol based sanitizers, refer to their own instructions

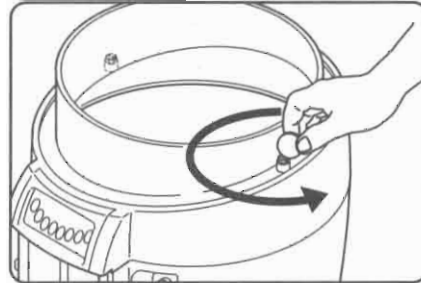
■ Installing the mixing blade

● Cleaning the Lid of Ice Hopper, Hopper Cover and Ice Hopper.

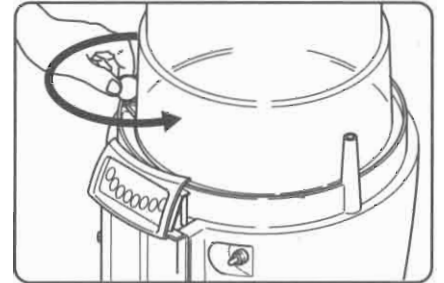
<How to disassemble>



- 1 Hopper Cover**
As shown the sketch, remove the Hopper Cover by pushing the front side by both hands and pull out the Hopper Cover.

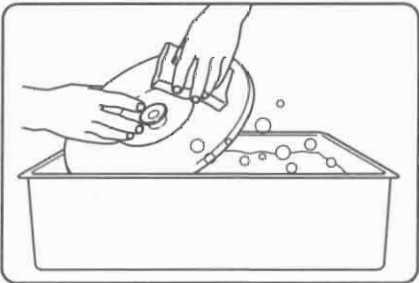


- 2 Upper Cover**
Unscrew the screws with the ditch of the minus (2 pcs.) to the left (counterclockwise) by using fingers or a coin.



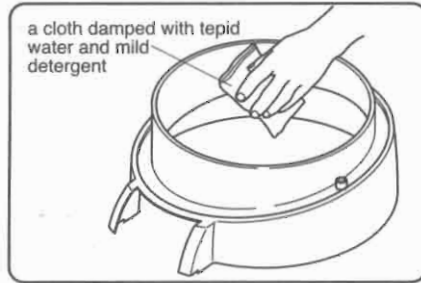
- 3 Ice Hopper**
Unscrew the screws with the ditch of the minus (2 pcs.) to the left (counterclockwise) by using a coin or a flathead screwdriver.

<How to clean>



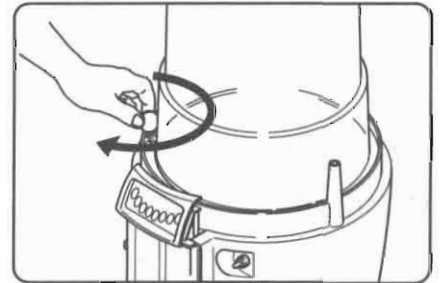
Lid of Ice Hopper, Hopper Cover and Ice Hopper

Wash with water using mild detergent, and wipe with a dry cloth after that. To prevent scratches on the plastic parts, use a soft cloth or sponge.



Upper Cover
Wipe with a cloth damped with tepid water and mild detergent. Wipe dry with a dry cloth.

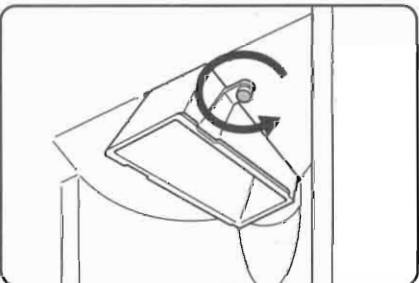
<How to assemble>



After cleaning, assemble these parts in the reverse order.
(3 → 2 → 1)

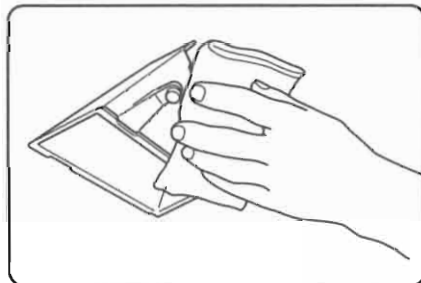
● Cleaning the Ice Chute

<How to disassemble>



Hopper Cover
Unscrew the black plastic screws which fix the Ice Chute to the left (counterclockwise) for removing the Ice Chute.

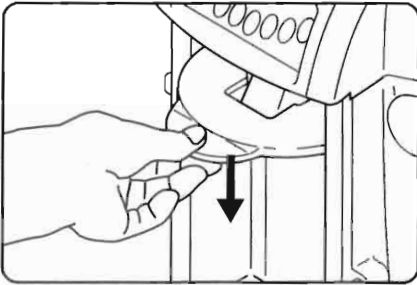
<How to clean>



How to clean
Wash with water using mild detergent, and wipe with a dry cloth after that. Note: The Ice Chute is coated with Teflon.
※To prevent scratches on its surface, use a soft cloth or sponge.

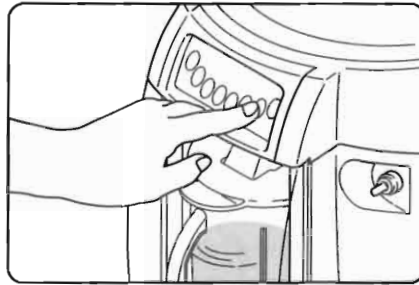
●Cleaning the Blender Bottle Cover

<How to disassemble>

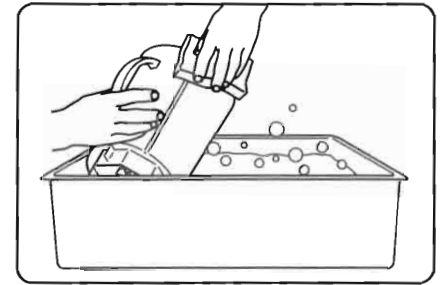


The Blender Bottle Cover is installed onto the the ice chute. It is easily detached by lightly pulling it downward by hand.

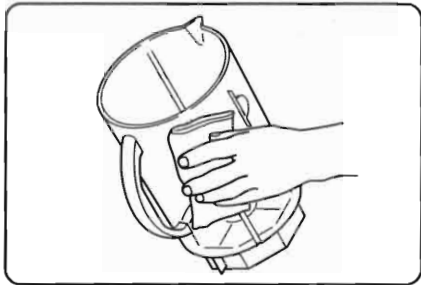
<How to clean>



1 Pour water and a small amount of mild detergent into the blender bottle, and conduct blending operation. Rinse well with running water



2 For the outside of Blender Bottle, wash with water using mild detergent.



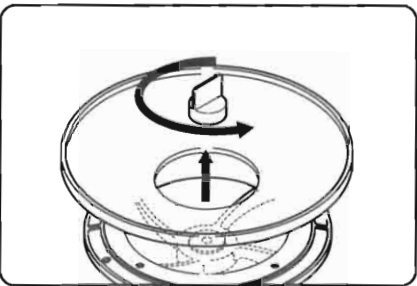
3 Rinse well with running water. Wipe with a dry cloth after that. To prevent scratches on the plastic parts, use a soft cloth.

Remarks

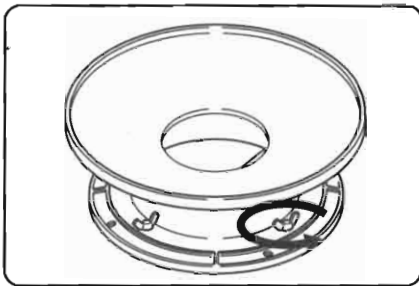
Blender Bottle has blades. Keep fingers away from blade edges.

●Cleaning the Rotary Wing and Rotary Hopper

<How to disassemble>

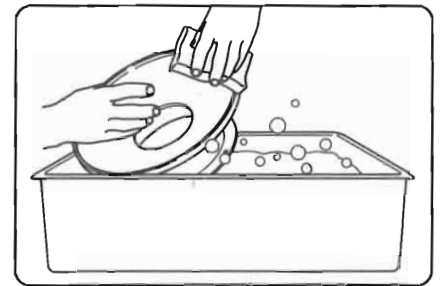


1 Turn the Ice Scrambler Nut which fixes the Rotary Wing to the left (counterclockwise) by fingers or a pliers.



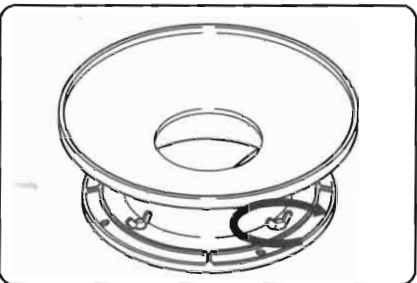
2 Disassemble the Rotary Wing loosening the four thumbscrews in the counterclockwise direction with your fingers.

<How to clean>



Wash with water using mild detergent, and wipe with a dry cloth after that.

<How to assemble>



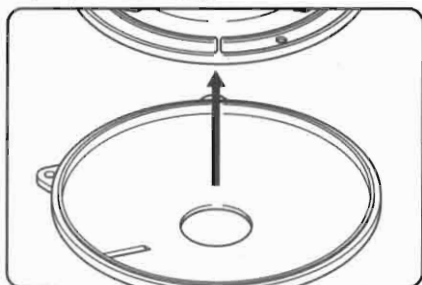
After cleaning, assemble these parts in the reverse order. (□ → □)

Remarks

Be sure to tighten the Ice Scrambler Screw (for fixing the Rotary Wing) and the four thumbscrews (for fixing Rotary Wing). Lightly hold the splash guard and agitator with you hands and check that they are secured. If the Rotary Wing and Rotary Hopper move, it means they are not secured. Retighten the nut and ensure that the Rotary Wing and Rotary Hopper are secured.

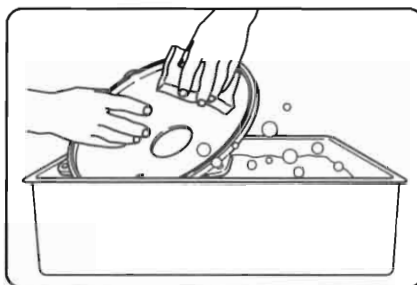
●Cleaning the Shaving Pool

〈How to disassemble〉



When the Rotary Wing is disassembled, the Shaving Pool can be removed. (See "How to disassemble Rotary Wing").

〈How to clean〉



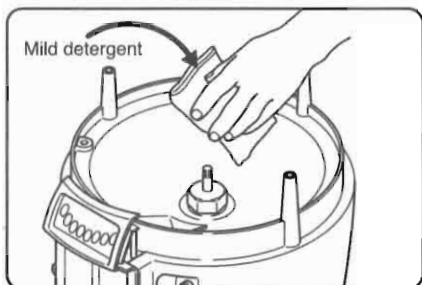
Wash with water using mild detergent, and wipe with a dry cloth after that.

Remarks

Shaving Pool has a blade. Wear gloves and keep fingers away from blade edges. It is possible to be done safely by turning right (clockwise) when wiping it with a sponge or a cloth.

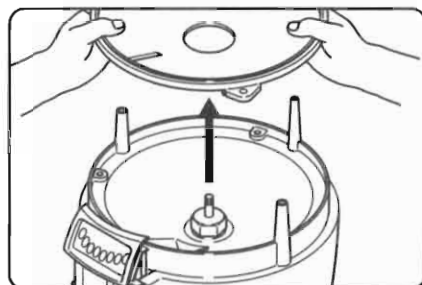
●Cleaning the Upper Frame

〈How to clean〉



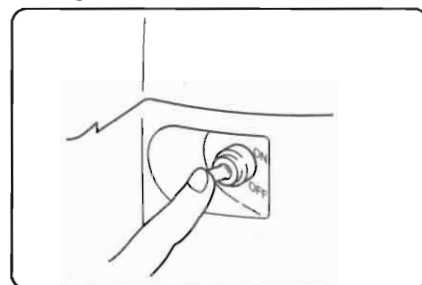
Wipe with a cloth dampened with mild detergent. Wipe with a cloth dampened with tepid-water or water again and wipe dry with a dry cloth.

●How to assemble



After cleaning, assemble the parts in the reverse order.

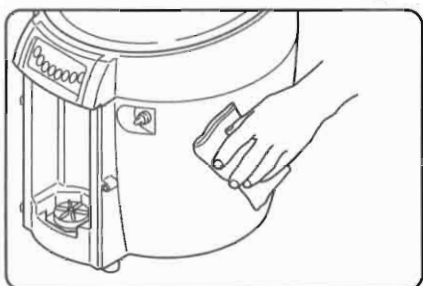
●Check on Machine Operation



Check the machine operation after cleaning. (At this time, make sure to seat the Ice Hopper Lid). When the machine does not operate normally, start re-disassemble and re-assembly once again.

■Extra cleaning

●Exterior of main body



Wipe the exterior of unit with a soft cloth dampened with tepid water. For tough stains, you can also use a soft cloth dampened with washing solution of water (or tepid water) and dishwashing detergent. In this case finish by wiping off all detergent with a soft dampened cloth.

■Periodical replacement parts

Part name	Replacement intervals
Blades	Approx. 1 year

The part listed on the left require periodic replacement. Replacement intervals may differ according to usage.

Inspection

■ Inspection (Once or twice a year)



WARNING

Check for dust on prong of power plug and outlet slot at fixed intervals. Ensure that plug is inserted firmly all the way.

Dust and improper connections will result in a risk of electric shock and fire.



Maintenance

Avoid damage or dust on power cord.

Never modify, pull, or bundle the power cord. Also do not place heavy objects on the power cord, or pinch the power cord. Avoid dust on power cords. Not observing this instruction will damage the power cord and result in a risk of electric shock or fire.



Forbidden

Inspection of ground wire

- Check for broken ground wires and loosen joints.

In case any abnormality is found, contact an electrician for service.

Inspection of power cord and plug

- **Do not share the outlet with other devices.**

If the outlet is shared with other devices, plug the unit to an outlet that is not connected to other devices.

- **Check for dust on the plug prong and outlet.**

Remove the dust and ensure the plug prong and outlet are clean.

- **Check for damage and dust on power cord. Ensure that the power cord is not bundled or pinched. Also ensure no heavy objects are placed on the power cord.**

In case of any abnormality, contact your dealer or an electrician.

■ Storage

When not using the product for more than one week, dry the product and store in a dry place.

Troubleshooting

WARNING

Do not touch electric parts such as plugs or operate any electric switches with wet hands.

Will result in a risk of electric shock.



Avoid wet hands

Do not attempt to disassemble or repair the product. All services (excluding replacement of blades and cleaning) shall be conducted by a qualified technician only.

This is to minimize the possibility of injury caused by unit malfunction. Improper service will result in a risk of electric shock and fire.



Do not disassemble

Turn the power OFF in case any abnormality occurs. Unplug the product, cut the power source, and immediately contact your local dealer.

Operating a product with abnormality will result in a risk of electric shock and fire.



Unplug

Do not attempt to modify the product.

Modifying the product will result in a risk of electric shock and fire.



Do not modify

Note

- Before you call service, refer to the following. If your problem is not solved after trying the following suggestions, contact your dealer or our sales office. You must inform the model, serial number, installation date, and detail of problem when contacting the dealer.

Problem	Possible causes	What to do
The unit doesn't run	● The unit is unplugged	● Plug the unit
	● Ice hopper lid is not in place	● Seat the ice hopper lid
	● The protector is turned ON	● Refer to P12 "Protector"
The unit runs but doesn't shave ice	● Blade height is too low	● Rotate the blade height adjuster screw to the right
	● Blade is deteriorated	● Replace blade (Refer to P13)
	● Ice is too large	● Use ice smaller than 3cm on side
Insufficient mixing	● Flavoring (juice) is frozen	● Defrost the flavoring
	● Irregular flavoring is used	● Use standard flavoring
Shaved ice doesn't pour into the blender cup	● Ice chute is clogged	● Remove ice on ice chute
Beverage spills out	● Blender cup cover is not in place	● Seat the blender cup cover
	● The amount of ice and/or flavoring exceeded the recommended volume	● Observe the recommended amount of ice and flavoring

※ Condensation may build up on the unit when ice is shaved continuously. This due to the temperature difference and is not abnormality of unit.

※ Long term use may change product color. This due to the characteristic of plastic and is not a quality problem.

Transfer and Disposal

■ When selling or transferring the product

CAUTION

When selling or transferring this product to a third person, tape this instruction manual on the noticeable area of the product. This is to ensure that the new owner reads and understand all instructions.



Tape
manual

■ When disposing the product

CAUTION

Refer to a qualified service or your local dealer when discarding the product.

Abandoned products are dangerous and can result in a risk of injury. Blades are dangerous and require proper disposal.



Qualified
service

Specification

Model No.	Ice Shaver Blender Model SB-7X
Electrical	120V, Single Phase, 60 Hz. 220V, Single Phase, 50/60 Hz.
Rated Electric Consumption	120V 9.0 A, 1,000W 220V 3.5 A, 700W
Net Weight	62.0 lbs. (28.0 kgs.)
Dimensions	16" W × 19-1/4" D × 28-1/2" H 410mm W × 490mm D × 723mm H

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