



TM

3000 SHAVER INSTRUCTION MANUAL

www.Snowie.com

SAFETY PRECAUTIONS

Read all safety precautions and instructions before any setup, operation, or use of the machine. Serious injury may occur for inappropriate machine usage. *Always disconnect power before any service.*



SAFETY !

**KEEP HANDS AND FOREIGN OBJECTS
OUT OF THE ICE LOADING
AND BLADE HOUSING AREA**



DANGER !

**DISCONNECT POWER BEFORE SERVICING
OR REMOVING ICE CABINET BOLTS**



WARNING !

**ANY ALTERATIONS TO THIS MACHINE WILL
VOID MANUFACTURER'S WARRANTY
AND MAY RESULT IN INJURY OR DEATH.
NEVER ALTER THIS EQUIPMENT IN ANY WAY**

DO NOT handle machine recklessly or carelessly. The owner is responsible for all machine usage and all operator actions.

NOTE: Snowie LLC does not assume any liability for any kind of harm or injury caused during or by the operation of this equipment. The equipment owner is responsible for all actions by anyone using the equipment. Ensure all operators are properly trained prior to use. All rights reserved to make changes or updates without notice at the discretion of Snowie LLC.

DESCRIPTION

The Snowie 3000 Shaver is uniquely designed to create the best, fluffiest snow from common large ice cubes. The circular-blade planer design makes it the fastest cube shaver available in its class. The hands-free operation with the foot pedal will provide years of superior, care-free production.

Health codes have been incorporated into the design for worry-free commercial applications. The Snowie 3000 Shaver is NSF approved. The patent and unique patent-pending designs (including Ice Hopper, snow catch, blade, paddle-wheel, and snow-shaper) provide for a convenient, safe, efficient, and sanitary operation.

SPECIFICATIONS

Electrical Options: The Snowie 3000 Shaver is available in three options.

- 115 Volt AC, 50/60 Hz, 14 Amps, 1 hp motor
- 220 Volt AC, 50/60 Hz, 7 Amps, 1 hp motor
- 12 Volt DC, 39 Amps, 1/2 hp motor (battery not included)

Minimum battery requirements include 12 Volt, Deep Cycle, 100+ Amp Hours.

Technical Dimensions: The standard Snowie 3000 Shaver

- Weight 56 lbs
- Length 22 inches
- Width 16.00 inches
- Height 23 inches

Blade Dimensions: The Snowie 3000 Shaver blade is 12 inches in diameter. It is mounted in the Blade Housing with seven retainer tabs. The blade surface automatically shaves the cubes with the freshest blade edge until replacement.

Ice Cube Dimensions: The Snowie 3000 Shaver will accept all types of cube ice to a maximum dimension of 2 inches along the largest edge. The larger the cube the better snow that is produced; crushed or small cubes do not produce as satisfactory snow. Ice Hopper holds 8 lbs bag of ice.

SET UP

Set up and take down is easy to complete using the following steps:

Place the Drip Pan on a counter or table edge so the drip hose is not pinched and can easily drain. Place hose end in catch container or drain. Set the Shaver on the Drip Pan. NOTE: Shaver will tilt slightly forward.

[A] Raise the Snowie 3000 Ice Hopper Lid up to receive ice cubes

[B] Dump the ice cubes into the Ice Hopper. Ensure that no foreign objects (including ice bag clips) are accidentally put into the Ice Hopper

[C] Close the Hopper Lid otherwise ice and ice chips will spray out

[D] Place the Rocker Switch in the UP position to use the foot pedal (recommended). Snowie 3000 can be operated using the Rocker Switch ON position directly without the foot pedal

[E] Place hand behind the Snow Catch flap to guide the snow into the cup

[F] Pull the Snow Catch flap against the cup, wrap the edges around the cup, as you position the cup at the edge of the Snow Shaper

[G] Step on the Foot Pedal to shave the ice cubes into snow, or use the Rocker Switch

[H] Shaped shaved ice is ready for syrup flavorings and serving

TAKE DOWN

Remove the ice by shaving it. Do not reach into the Ice Hopper while the Snowie 3000 is connected to the power source. Wipe up excess ice and water from the front and around the Drip Pan. Disconnect the power and allow all parts to air dry.

When transporting, use the Carry Handles to carry the Snowie 3000 Shaver with the Ice Hopper completely closed, the Foot Pedal removed, and the power cord wrapped securely around the machine.

QUICK GUIDE

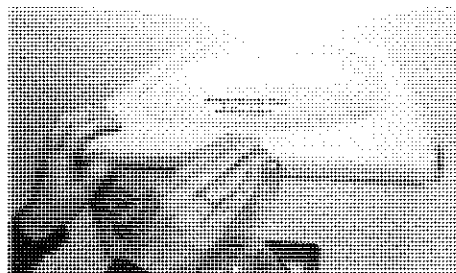
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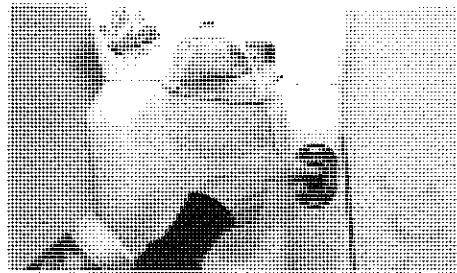
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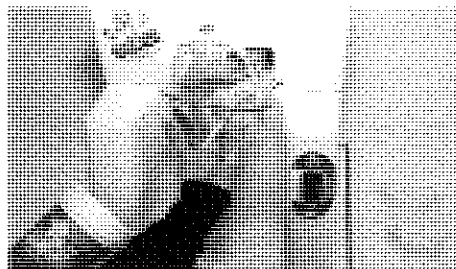
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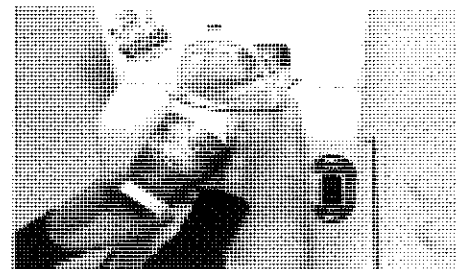
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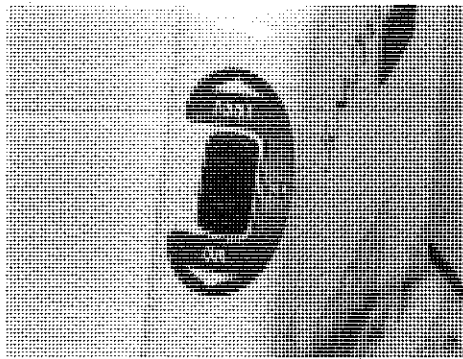
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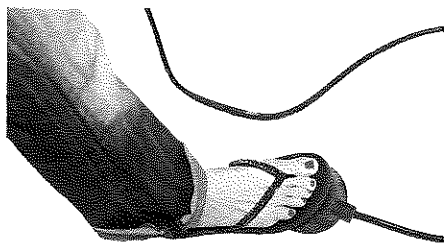
QUICK STEPS



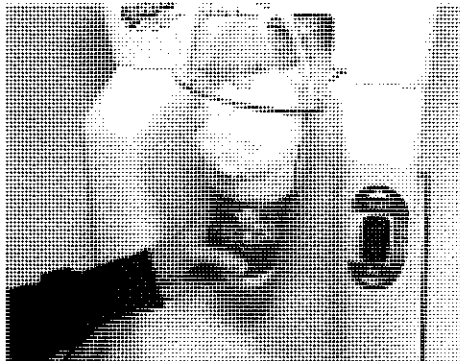
1. Ensure front Switch is up (FOOT) and the set up is complete



2. Hold cup against Snow Shaper depression and Snow Catch flap



3. Tap Foot Pedal to fill cup



4. Do not overfill Snow Exit chute



5. Gently form top inside Snow Shaper and trim edge as needed



6. Add syrup, straw, and serve

OPERATING INSTRUCTIONS

1. After setup is complete, flip the Switch to the FOOT (up) position, plug the Foot Pedal in fully, and make sure there are no line kinks.

The Foot Pedal controls blade rotation (motor on) for creating shaved ice. Careful pressure control can maintain blade rotation for steadily filling the cup evenly.

During operation, snow is propelled through the chute to easily fill the cup. The longer the foot pedal is fully depressed, the longer the blade will shave snow. Fully letting up the Foot Pedal results in the spinning blade slowing until it stops.

2. Using one hand, place the cup edge into the depression of the Snow Shaper with the bottom of the cup towards you. Use your other hand to pull the clear Snow Catch around bottom of the cup to direct the snow into the cup.

- Holding the cup too close to the chute will clog the exit chute
- Holding the Snow Catch too loosely, will allow snow to escape

3. Tap the Foot Pedal to start snow production. After letting off the Foot Pedal, the blade will quickly slow then stop.

- As the blade spins, snow will be created
- Steady pressure on the Foot Pedal will keep snow flowing

4. When the cup is full of snow, use the Snow Shaper to form the Snowie top and the edge of the Snow Shaper to scrape off the excess snow from around the rim of the cup.

5. Do not compress the snow too tightly in the Snow Shaper; a spoon or spoon straw should slide easily to the bottom of the cup

6. To flavor the Snowie, pour syrup on the top in one spot until it is visible at the edge. At this point, you will know the syrup has been distributed evenly.

- Syrup will continue to mix for a few minutes after being poured
- An 8 oz. Snowie will need approximately 3 oz. of syrup

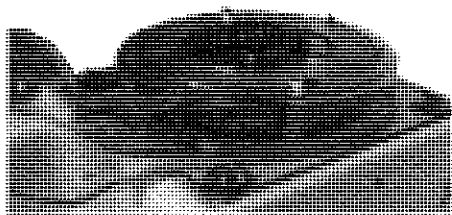
MAINTENANCE SCHEDULE

Regular and thorough maintenance will ensure many years of worry-free performance and multitudes of satisfied customers. Remember to disconnect power source before any maintenance.

Suggested Maintenance Schedule for proper care is:

- ◇ **Daily**
 - remove power and secure as needed to wipe down case exterior, snow chutes, flap, etc.
 - tip forward to drain water away from motor and dry out blade and ice hopper
- ◇ **Weekly**
 - remove ice hopper for inspection and cleaning
 - disassemble and clean the shaver interior and exterior
 - tighten any loose bolts, screws, tabs, or nuts
- ◇ **Monthly**
 - check foot pedal for wear/cracks
 - check case/covers and clean thoroughly
 - blade change (as needed)
- ◇ **Seasonal**
 - thoroughly clean foot pedal, power cord, inside and outside case surfaces
 - wash equipment with a mild diluted vinegar-water solution to remove water spots
 - Unplug from power and store out of weather.

OPERATION CONCERNS



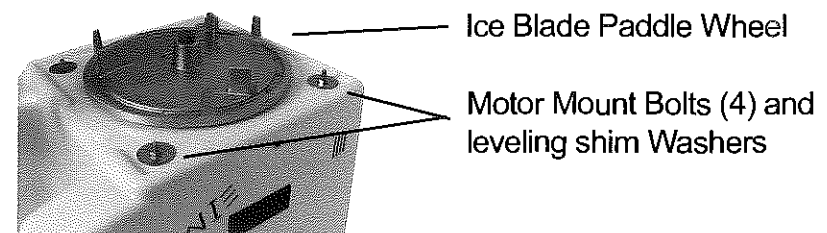
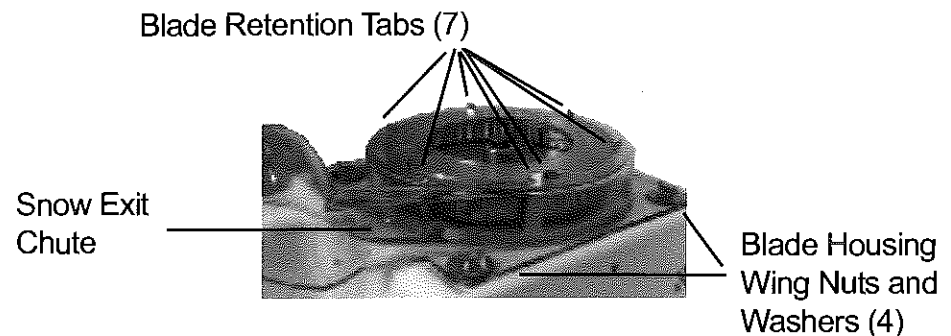
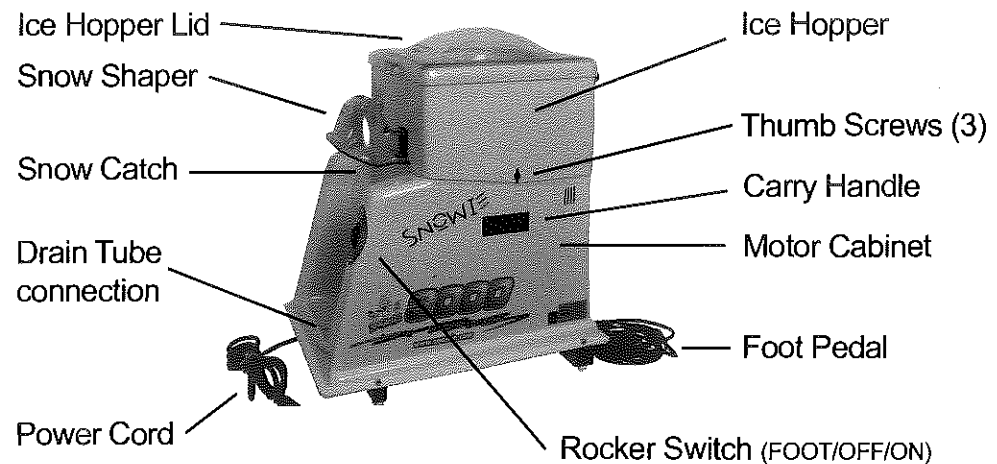
All Blade Retention Tabs (7) must, at all times, be twisted to secure the Blade and Blade Housing together or the Blade may shear off destroying the Blade Housing.

When the Blade and Blade Housing are correctly positioned, the Snowie 3000 will "hum" without rubbing or grinding when operated without ice cubes.

If the Blade or Blade Housing are incorrectly positioned, then instead of a "hum", a grinding or rubbing, or even small metal flakes may be found on the snow.

Always stop machine operation and adjust the Blade or Blade Housing if the correct alignment ever changes.

SNOWIE 3000 SHAVER PARTS



CLEANING INSTRUCTIONS

Proper cleaning is an important task to ensure sanitary conditions are maintained. The materials required are: washing rags and scrub brush, soap solution, rinse water, and sanitizing solution (bleach or other approved solution).

Disconnect power source and remove Ice Hopper, and Blade Housing

Correct cleaning steps for all surfaces include washing with soap, rinsing off soap with plenty of clean water, sanitizing, and allowing to air dry. Carefully inspect and clean the following:

External surfaces including:

- Power wire
- Foot pedal
- Air pressure switch and hose
- Drip pan and cup holder
- Ice Hopper and Lid
- Snow exit chute
- Snow catch flap
- Drip pan hose

Remove drip pan hose and clean internal hose surface by pouring solutions through the hose.

Remove Ice Hopper for access to the internal areas:

- Blade Housing
- Blade
- Paddle Wheel
- Motor Cabinet top surface

Remove Blade from the protective Blade Housing. (See blade change section for blade removal process).

NOTE: The paddle wheel can be removed by an abrupt horizontal clock-wise blow with a rubber mallet (or similar) to one of the large flat paddles along the inside edge. This will allow the paddle wheel to be unscrewed from the motor gearbox threads. See videos for additional helps and information.

This section is for internal components. Be careful that no internal components are damaged or any wires loosened.

Lay the shaver on the back surface for access to clean:

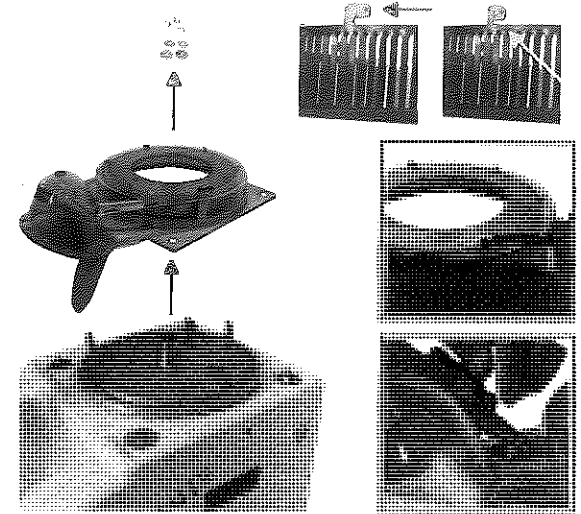
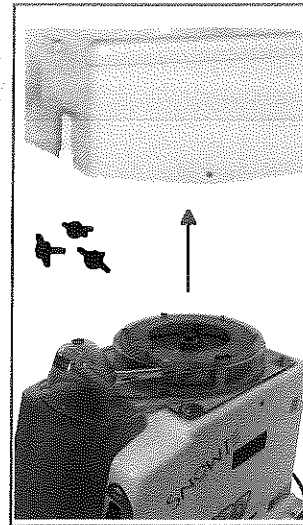
- Shaver foot rests and support bars
- Inside motor case surfaces
- Motor
- Edges just inside case surface

Once the cleaning and sanitizing has been accomplished, reassemble the shaver using the reverse steps used to prepare the shaver for cleaning.

Follow the blade change instructions to ensure the blade is correctly assembled for safe use.

Ensure no parts are left over after reassembling the Shaver prior to powering up for a test.

BLADE CHANGE INSTRUCTIONS



Blade Life

The Snowie 3000 Shaver blade design provides for a "no maintenance" blade life until replacement is necessary.

After the blade life is exceeded, the full blade shaving surface is restored with the new blade.

Clean stored blade and tools thoroughly before use to ensure sanitary conditions.

Items Required: Pliers, clean rag, and Blade

Steps:

1. Disconnect Shaver from power source
2. Unfasten three black Hopper screws
3. Lift Hopper over Blade Housing off Motor Cabinet
4. Remove Blade Housing wing nuts and washers
5. Lift Blade Housing off Motor Cabinet
6. Twist Blade Retention Tabs parallel to blade housing slots and tap tabs to loosen
7. Separate Blade from Blade Housing
8. Ensure new Blade is clean and ready to insert
9. Align Blade Retention Tabs with slots, center Blade in housing guide groove, and press fit together
10. Twist **all** Retention Tabs 30-45 degrees to tightly snug blade and housing together
11. Secure Blade Housing to Motor Cabinet with washers and wing nuts and test for alignment (correct "hum", no rubbing/clanking)
12. Secure Hopper on Motor Cabinet with screws

TROUBLE SHOOTING & FAQs

Blade will not turn; snow will not come out

- Check power is on and machine is correctly plugged in or connected to power (AC/DC)
- Check switch is in the up or FOOT position and the foot pedal is securely plugged into pressure switch port
- Check that ice is not jammed too tightly against blade (open ice cabinet lid to check - Do not reach inside)
- Check the wall circuit breaker has not tripped (AC) or battery is depleted (DC)
- May have sheared motor gear keyway needing replacement

Ice spins inside the Ice cabinet; snow will not come out

- The ice pieces are too big; remove and replace with smaller cubes

Ice is soft or watery and slush comes out

- Ice is not frozen or cold enough

Snow quality needs improvement

- Best snow quality is from solid-clear ice (water frozen over a couple days)
- Blade may need to be replaced
- Blade and housing gap allows larger ice pieces to exit. Loosen and retighten blade retention tabs.

Too much or too little snow is shaved in a single tap of the Foot Pedal

- Tap the foot pedal quicker or hold a little longer

Snow has clogged the exit chute between the Snow Catch flap and Ice Paddles

- Using the provided ice chipper handle, push the snow inwards towards the blade paddles then tap on foot pedal to shoot out excess snow
- Tap the foot pedal quicker to prevent the snow from accumulating in the exit chute
- Hold cup at the edge of the Snow Shaper and use the Snow Catch

Shaved snow contains metal flakes

- Blade not centered in blade housing or blade housing not centered on paddle wheel

Grinding, rubbing, banging

- Blade not centered in blade housing or blade housing not centered on paddle wheel
- Blade tabs not securely tightened
- Foreign object in Ice Hopper
- Sheered piece of metal in gearbox

Black Ooze on Motor or Sluggish Motor

- Motor Capacitor failure and the motor capacitor needs replacement

Additional Help Videos

