

Sno-Kone® Model

GS1550

USER MANUAL



GS1550







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SAFETY PRECAUTIONS

	 DANGER
	<p>Machine must be properly grounded to prevent electrical shock to personnel. Failure to do so could result in serious injury, or death. DO NOT immerse any part of this equipment in water. DO NOT use excessive water when cleaning. Keep cord and plug off the ground and away from moisture. Always unplug the equipment before cleaning or servicing. Make sure all machine switches are in the OFF position before plugging the equipment into the receptacle.</p> <p>008_051514</p>

	 DANGER
	<p>Improper installation, adjustment, alteration, service, or maintenance can cause property damage, injury, or death. Any alterations to this equipment will void the warranty and may cause a dangerous condition. This appliance is not intended to be operated by means of an external timer or separate remote-control system. NEVER make alterations to this equipment. Read the Installation, Operating, and Maintenance Instructions thoroughly before installing, servicing, or operating this equipment.</p> <p>014_020416</p>



	 WARNING
	<p>This machinery contains sharp blades. Keep hands and body parts clear at all times.</p> <p>037_103114</p>



	 WARNING
	<p>NEVER put your fingers into the shaver body (the goose-neck, ice chute, or hopper). Serious injury may occur.</p> <p>017_103114</p>

	 WARNING
	<p>ALWAYS wear safety glasses when servicing this equipment.</p> <p>010_010914</p>

	 WARNING
	<p>No user serviceable parts inside. Refer servicing to qualified service personnel.</p> <p>011_051514</p>

	 WARNING
	<p>Read and understand operator's manual and all other safety instructions before using this equipment. To order copies of the operator's manual go to www.nemcofoodequip.com or call 800.782.6761.</p> <p>022_060215</p>

	 WARNING
	<p>DO NOT allow direct contact of this equipment by the public when used in food service locations. Only personnel trained and experienced in the equipment operation may operate this equipment. Carefully read all instructions before operation.</p> <p>012_010914</p>

	 WARNING
	<p>This machine is NOT to be operated by minors.</p> <p>007_010914</p>

INSTALLATION INSTRUCTIONS

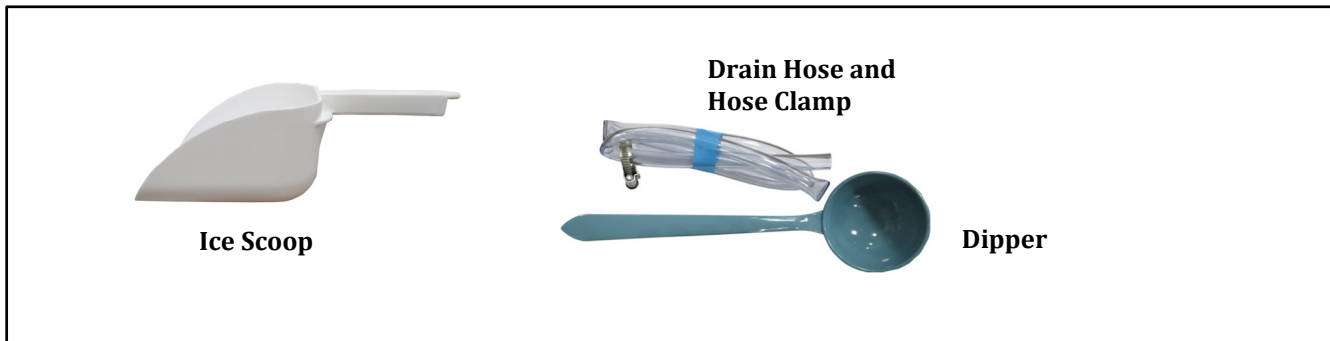
Inspection of Shipment

After unpacking, check thoroughly for any damage which may have occurred in shipment. Purchaser should make claim directly to carrier for any damages to merchandise that occur in transit. The warranty does not cover damage that occurs in transit, or damage caused by abuse, or consequential damage due to the operation of this machine, since it is beyond our control (reference warranty in back of manual).

Manual

Read and understand the operator's manual and all other safety instructions before using this equipment. To order copies of the operator's manual contact Global Solutions, 301 Meuse Argonne Hicksville, OH 43526, 800.782.6761, or go to www.nemcofoodequip.com.

Items Included with this Unit



Setup



This unit has been tested at the factory.

1. Remove all packaging and tape prior to operation.
2. Place unit on a sturdy, level base which can withstand accidental dripping of water and ice.
3. Locate the pusher handle (packed in a separate box). Connect the pusher handle to the shaver body using the bolt and nut provided.
4. Connect the drain hose (provided with unit) to funnel excess water to floor drain or basin tub. Drained water is not intended for human consumption.
5. After setup, the unit should be cleaned prior to use (see Care and Cleaning section of this manual).

Electrical Requirements

The following power supply must be provided:


GS1550: 120 V~, 8.1 A, 972 W, 60 Hz

	 DANGER
	<p>Machine must be properly grounded to prevent electrical shock to personnel. Failure to do so could result in serious injury, or death. DO NOT immerse any part of this equipment in water. DO NOT use excessive water when cleaning. Keep cord and plug off the ground and away from moisture. Always unplug the equipment before cleaning or servicing. Make sure all machine switches are in the OFF position before plugging the equipment into the receptacle.</p> <p>008 051514</p>

A certified electrician must furnish sufficient power for proper machine operation and install any supplied receptacle. We recommend this equipment be on a dedicated and protected circuit. Failure to wire properly will void the warranty and may result in damage to the machine. It is Global Solutions' recommendation that this machine be plugged directly into a wall outlet. The use of extension cords is not recommended due to safety concerns, and may cause sacrificed and/or reduced performance. Make sure cord is located to prevent a trip hazard or unit upset.

Before You Plug In Machine

6. Make sure all machine switches are OFF before plugging equipment into receptacle.
7. Make sure wall outlet can accept the grounded plugs (where applicable) on the power supply cord.
8. The wall outlet must have the proper polarity. If in doubt, have a competent electrician inspect the outlet and correct if necessary.
9. **DO NOT** use a grounded to un-grounded receptacle adapter (where applicable).
10. Install unit in a level position.

	 CAUTION
	<p>If the supply cord is damaged, it must be replaced by Global Solutions, its service agent or similarly qualified persons in order to avoid a hazard.</p> <p>039 080614</p>

OPERATING INSTRUCTIONS

Ice Requirements

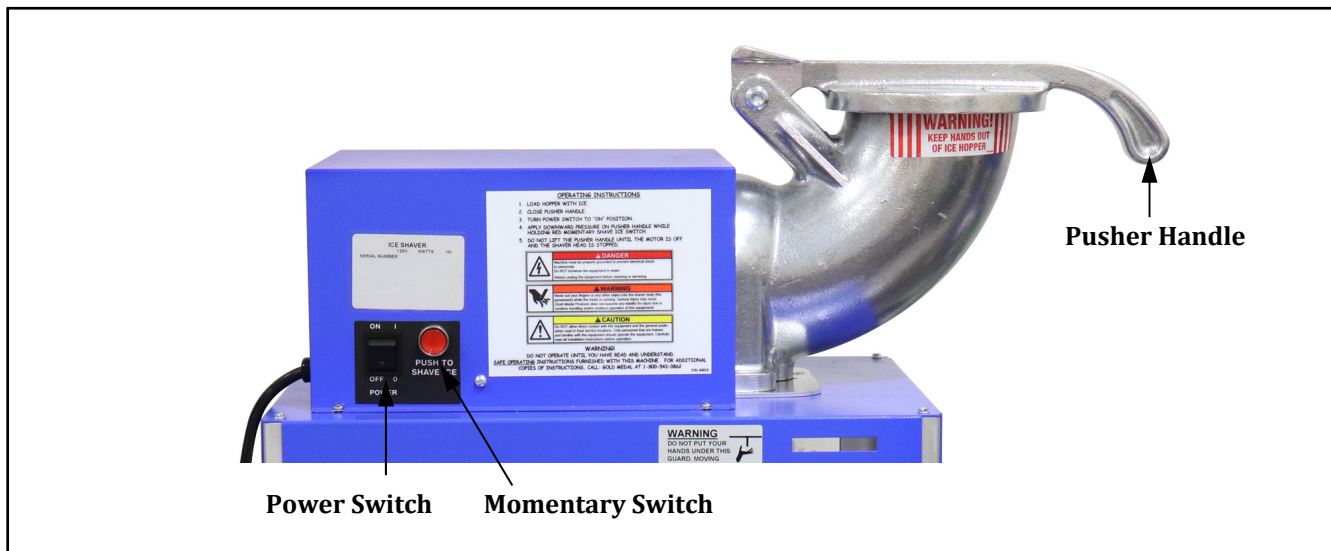
This ice shaver can take ice cubes small or medium in size. If using a block of ice, break into pieces approximately 2 to 3 inches in size. The ice will not enter the shaving chute if the pieces are too large

Note: Harder ice will result in finer snow; while soft ice will result in coarser snow.



Operation



1. Fill the hopper to within an inch of the top with ice cubes (no larger than 3" to 4"). Softened ice makes better snow and prolongs blade life.
2. Toggle the POWER switch to the ON position.
3. While pushing the MOMENTARY switch, apply downward pressure to the pusher handle. Apply firm and even pressure to make the best snow. Practice will allow you to gauge when to stop pressing. This allows the ice to resetttle against the shaver head. Too much pressure will result in snow that is coarse; too little pressure will make the snow mushy.

Note: Never allow any foreign or metallic objects around the shaver area. Ice picks, scoops, and debris in the ice will damage blades.



Care and Cleaning

	<p style="text-align: center;"> DANGER</p> <p>Machine must be properly grounded to prevent electrical shock to personnel. DO NOT immerse in water. DO NOT clean appliance with a water jet. Always unplug the equipment before cleaning or servicing.</p> <p style="text-align: right;">025_111616</p>
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	<p style="text-align: center;"> WARNING</p> <p>This machinery contains sharp blades. Keep hands and body parts clear at all times.</p> <p style="text-align: right;">037_103114</p>
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Good sanitation practice demands that all food preparation equipment be cleaned regularly (only use non-toxic, food grade cleaners). A clean looking, well-kept machine is one of the best ways of advertising your product.



Follow the directions below to clean and sanitize the unit after each day of use.



1. With the machine OFF, unplug the unit before attempting to clean.
2. Empty water from pans and clean using appropriate cleaners for the type of machine; review all manufacturer's instructions and warnings on cleaning product prior to use.



DO NOT use oven cleaners or abrasive materials as they will damage parts of the machine.



DO NOT use Ammonia cleaners, they will damage plastic panels.

MAINTENANCE INSTRUCTIONS

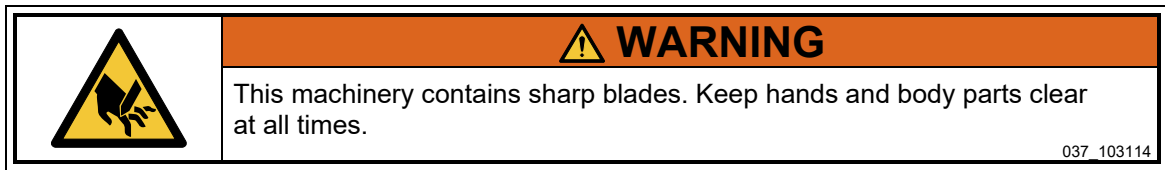
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	 WARNING
	<p>No user serviceable parts inside. Refer servicing to qualified service personnel.</p> <p>011_051514</p>

	 CAUTION
	<p>THE FOLLOWING SECTIONS OF THIS MANUAL ARE INTENDED ONLY FOR QUALIFIED SERVICE PERSONNEL WHO ARE FAMILIAR WITH ELECTRICAL EQUIPMENT. THESE ARE NOT INTENDED FOR THE OPERATOR.</p> <p>027_010914</p>

Installing New Shaver Blades



The section describes the procedure to replace the shaver blades. ALWAYS turn the machine OFF and unplug unit from the power supply prior to blade inspection or replacement. Use a flashlight to examine the blades in the shaver body. If the blades appear to be nicked or bent, then the blades should be replaced.

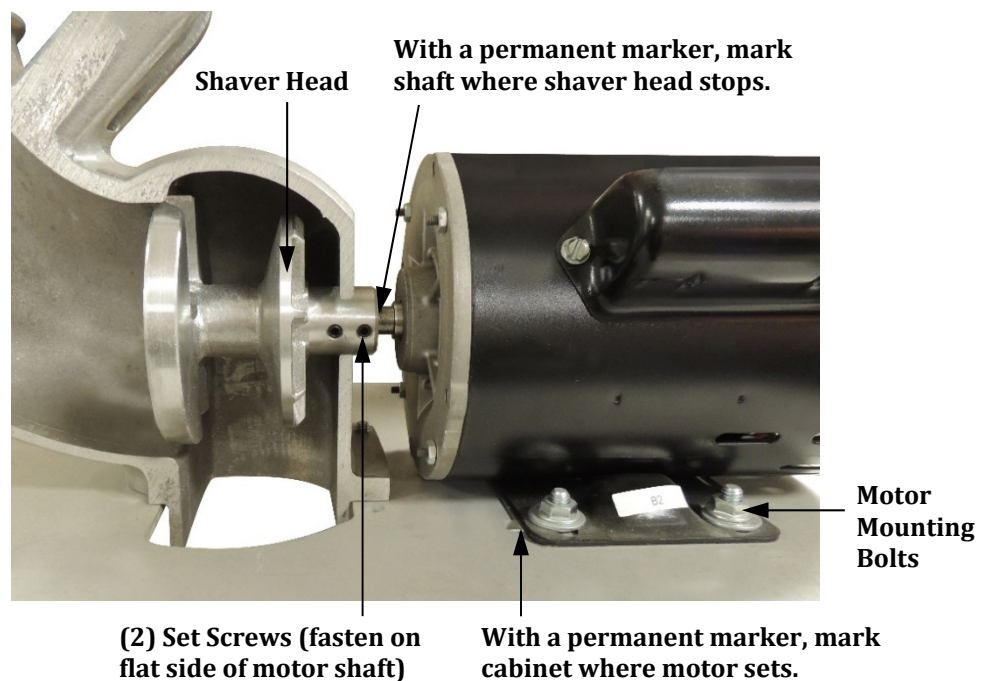
Blade Replacement

1. With the machine OFF, unplug the unit from the power supply.
2. Remove motor cover (keep all fasteners as they will be used to reinstall the cover).
3. Use a permanent marker and put a guide mark on the motor shaft where the shaver head stops; also place a small guide mark on the cabinet where the motor sets (reference shaver cut away view on next page).
4. To remove the shaver head from the motor shaft, loosen the motor mounting bolts. (If unit has a hopper support and guide, it must also be removed).
5. Pull motor back until the (2) Allen head set screws on the shaver head are visible. Loosen the (2) set screws (do not remove set screws).
6. Carefully guide the shaver head off of the motor shaft and through the hopper. If the shaver head is frozen to the shaft, pull the motor back trapping the shaver head against the inside of the hopper, until the shaver head disengages.
7. After removing the shaver head, check the motor shaft for burrs and corrosion (use a fine tooth file to remove any burrs or corrosion).
8. Remove blades from shaver head. Replace old blades with a new set (blades may be re-sharpened).
9. Position new blades on shaver head and insert blade mounting screws until finger tight.
10. Set the blade thickness to 1/32" using a height gauge (thickness of a dime), reference Set Blade Height illustration shown on next page. Make sure the blade height is even across the shaver head.
11. Tighten the blade mounting screws completely. Check the blade height again to ensure the blades did not move while tightening the screws.
12. Carefully guide the shaver head through the hopper and back onto the motor shaft; realign head with guide mark made on the shaft in Step 3 above. (The pusher handle may be used to help press the shaver head onto the shaft.)

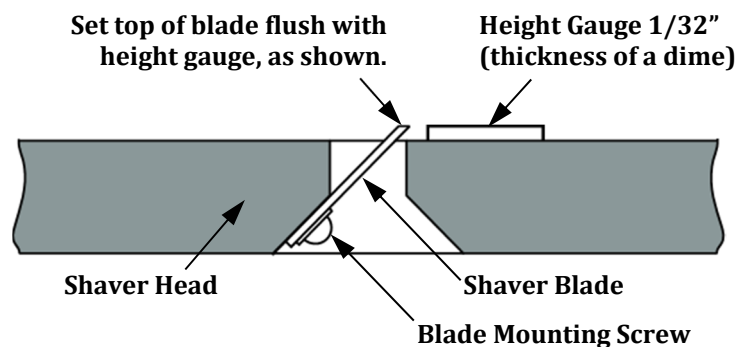
13. The shaver head set screws must be on the flat side of the motor shaft. Once aligned, fasten set screws securely.
 14. Adjust the motor to realign with guide mark made on the cabinet in Step 3, then refasten motor mounting bolts (if unit has a hopper support and guide, it must also be reinstalled). Check the shaver head to make sure it is not rubbing against the back of the hopper and the blades are not touching the pusher handle or sides of hopper; adjust as needed.
- Note:** Replace any shims that were between the motor base and the mounting surface.
15. Reinstall motor cover.

Cut Away View of Shaver Head on Motor Shaft

General shaver image shown for reference only (models may vary).



Set Blade Height



ORDERING SPARE PARTS

1. Identify the needed part by checking it against the photos, illustrations, and/or parts list. (General images may be used in manual for reference only.)
2. Use only approved replacement parts when servicing this unit.
3. When ordering, please include part number, part name, and quantity needed.
4. Please include your model number, serial number, and date of manufacture (located on the machine nameplate/data plate) with your order.
5. Place orders by phone or online:

Phone: 800.782.6761

Fax: 419.542.6690

Web Page: www.nemcofoodequip.com

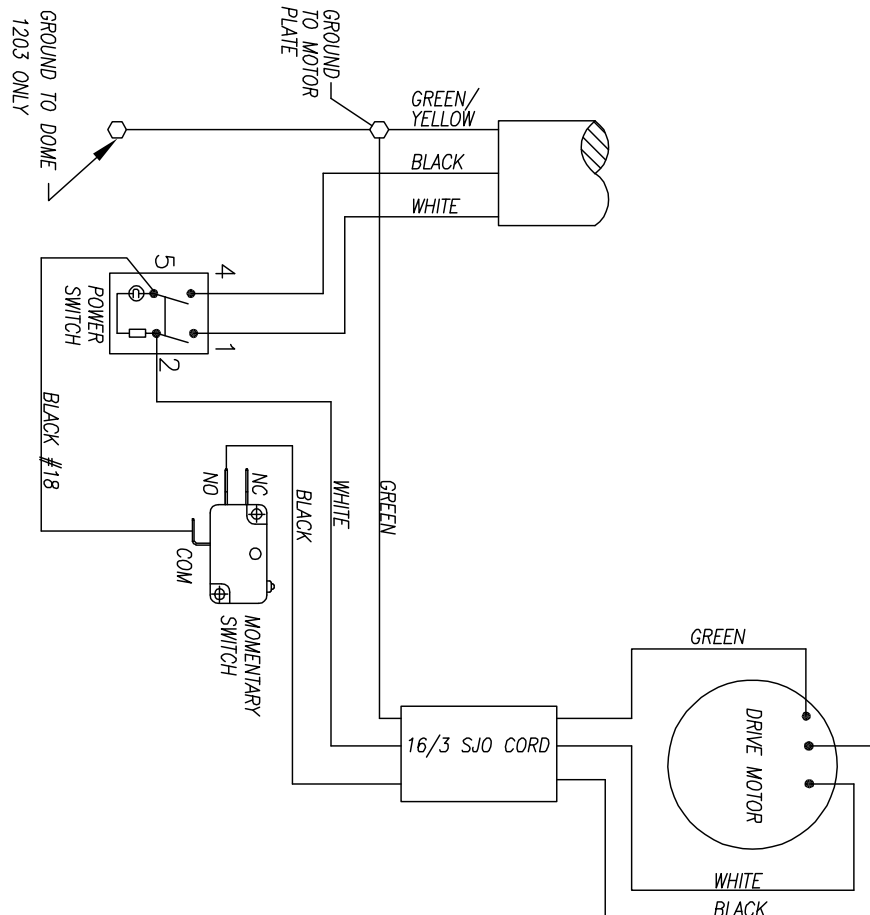
Parts View



Item	Part Description	Part Number
		GS1550
1	BLADE	10403
2	MOMENTARY SWITCH	10404
3	GREEN LIGHTED ROCKER SWITCH	10405
4	RUBBER FOOT	10406
	MANUAL	10431

Wiring Diagram

Model No. GS1550



NOTE:
1. CONFIRM MOTOR ROTATION, MOTOR MUST ROTATE COUNTER CLOCKWISE (CCW) WHEN VIEWED FROM THE SHAFT END OF THE MOTOR.
REFER TO MOTOR DATA PLATE FOR PROPER INTERNAL MOTOR WIRING CONNECTIONS.

PRODUCT WARRANTY

Except as otherwise provided below, Nemco Food Equipment, Ltd. ("Nemco") warrants, to the original user, its electrical/pneumatic products (other than blades and light bulbs) to be free of electrical and mechanical defects in material and workmanship under "normal use" (defined below) for the shorter of the following periods: (a) one (1) year from the date placed in service by the original user, or (b) 18 months from the date of shipment from its factory. Nemco also warrants its food preparation products (other than blades) to be free of mechanical defects in material and workmanship under normal use for two (2) years from the date placed in service by the original user. In addition, Nemco warrants its Global Solutions food preparation and electrical products (other than blades) to be free of mechanical defects in material and workmanship under normal use for one (1) year from the date placed in service by the original user. The warranty provided for herein shall be limited to parts and labor. Any determination that a product is defective or covered by this warranty, shall be made by Nemco, in its sole discretion. The determination of whether to repair or replace a defective, covered product, or to refund the purchase price for the product, will be at Nemco's sole discretion. This warranty does not cover products used outside the United States, or damages caused by accident, misuse, negligence of any person other than Nemco, current or voltage other than stated on the appliance, fire, flood or other casualty. Any alteration to the product or unauthorized repair voids this warranty. For purposes of this warranty, the phrase, "normal use" shall mean the use of the product in connection with food in accordance with the product manual accompanying the product.

Nemco shall be responsible only for repairs or replacements of defective parts performed by Nemco's authorized service personnel. Authorized service agencies are located in principal cities throughout the continental United States, Alaska and Hawaii.

THE FOREGOING WARRANTY IS EXCLUSIVE AND IN LIEU OF ALL OTHER WARRANTIES, EXPRESS OR IMPLIED. NEMCO EXPRESSLY DISCLAIMS ANY IMPLIED WARRANTY THAT ANY OF ITS PRODUCTS IS MERCHANTABLE, FIT FOR A PARTICULAR PURPOSE, OR DOES NOT INFRINGE ON THE RIGHTS OF ANY THIRD PARTY. THE FOREGOING WARRANTY SHALL BE NEMCO'S SOLE AND EXCLUSIVE OBLIGATION. ANY PERSON'S (BUYER, USER OR OTHERWISE) EXCLUSIVE REMEDY AGAINST NEMCO, AND NEMCO'S SOLE OBLIGATION, FOR ANY AND ALL CLAIMS, WHETHER FOR BREACH OF CONTRACT, WARRANTY, TORT (INCLUDING WITHOUT LIMITATION NEGLIGENCE), OR OTHERWISE, SHALL BE LIMITED TO NEMCO REPAIRING OR REPLACING THE PRODUCT, OR, AT NEMCO'S OPTION, REFUNDING THE PURCHASE PRICE THEREFOR. IN NO EVENT SHALL NEMCO HAVE ANY LIABILITY FOR DAMAGES IN AN AMOUNT EXCEEDING THE PURCHASE PRICE OF THE PRODUCT, NOR SHALL NEMCO HAVE ANY LIABILITY FOR INCIDENTAL, SPECIAL OR CONSEQUENTIAL DAMAGES. Any person desiring to make any claim against Nemco must do so within six (6) months after expiration of the applicable warranty period, or such claim shall be forever barred.

NOTE: WARRANTY DOES NOT COVER DAMAGE TO THE GRID OR GRID COATING. IT IS NEMCO'S SOLE DISCRETION TO DETERMINE IF A GRID OR GRID COATING CLAIM IS WARRANTED.

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NOTE: PLEASE REVIEW YOUR PRODUCT MANUAL FOR SPECIFIC WATER REQUIREMENTS. DISTILLED OR TREATED WATER MAY BE REQUIRED. PRODUCT FAILURE DUE TO SEDIMENT AND LIME BUILDUP IS NOT COVERED UNDER WARRANTY.

PRODUCT SERVICE

Nemco has a staffed service department, and we believe prompt service is extremely important to our customers. Therefore, we request all product service inquiries be handled in the following manner:

- (1) The end user should call Nemco Customer Service with the company name, address, phone number, model number, serial number (if applicable), Nemco Sales Order number or Dealer Purchase Order number and the nature of the problem (the "Claim Information").
- (2) The Nemco Customer Service Department will decide on the most appropriate course of action. If Nemco determines that it must inspect a product, the following procedure will be followed:

The end user will obtain a Return Goods Authorization number from Nemco Customer Service to return the product to Nemco for inspection. Please be sure to use this number on the box and on paperwork sent with the unit. Return the unit to Nemco. The Nemco Service Department will determine if the problem is covered by the foregoing warranty. If so, Nemco will repair the unit and return it to the end user. If the unit is determined not to be covered by the foregoing warranty, the dealer will be contacted to determine the next course of action. If the unit weighs less than 70 lbs., it will be considered a carry-in warranty. The service agent performing the service must call Nemco Customer Service to obtain a Service Authorization number and provide the Claim Information. If the unit weighs 70 lbs. or more, it will be considered an on-site warranty, and the service agent performing the service must call Nemco Customer Service to obtain a Service Authorization number and provide the Claim Information.

TERMS & CONDITIONS

- No merchandise shall be returned without prior written authorization.
- All returned merchandise must be unused, in original carton and shipped prepaid.
- All returned merchandise is subject to a 25% restocking charge.
- No returns will be accepted after 90 days of shipping date.
- Purchaser should make claim directly to carrier for any damages to merchandise that occur in transit.
- This Price List supersedes all previous price lists.
- Orders with an invoice value of \$2,100 net or more will be shipped freight prepaid to one destination in the continental United States.
- Terms are COD, CIA or Net 30 days with approved credit.
- Buyer shall pay all applicable federal, state and municipal sales or use tax.
- No minimum order charge.
- Prices subject to change without notification.



nemco® | FOOD EQUIPMENT

301 Meuse Argonne Hicksville, OH 43526 • P:800.782.6761 • F:419.542.6690

Visit us at www.nemcofoodequip.com for more information



MODEL NUMBER CROSS REFERENCE

Global Solutions	Gold Medal Products Co.
GS1550	1203-00-015

Approvals / Listings for Global Solutions Ice Shaver:

Our ice shaver units are manufactured to Global Solutions (a Nemco Food Equipment Company) specifications by Gold Medal Products Co., USA.

Unit is UL Listed for US and Canada, and UL Sanitation approved.

The above mentioned certifications are listed under the unit manufacturer, Gold Medal Products Co.