



Model A118 / D118
OPERATORS MANUAL

Manual No. 513691

Rev.2

This manual provides basic information about the machine. Instructions and suggestions are given covering its operation and care.

The illustrations and specifications are not binding in detail. We reserve the right to make changes to the machine without notice, and without incurring any obligation to modify or provide new parts for machines built prior to date of change.

DO NOT ATTEMPT to operate the machine until instructions and safety precautions in this manual are read completely and are thoroughly understood. If problems develop or questions arise in connection with installation, operation, or servicing of the machine, contact Stoelting.



stoeltingfoodservice.com

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A Few Words About Safety

Safety Information

Read and understand the entire manual before operating or maintaining Stoelting equipment.

This manual provides the operator with information for the safe operation and maintenance of Stoelting equipment. As with any machine, there are hazards associated with their operation. For this reason safety is emphasized throughout the manual. To highlight specific safety information, the following safety definitions are provided to assist the reader.

The purpose of safety symbols is to attract your attention to possible dangers. The safety symbols, and their explanations, deserve your careful attention and understanding. The safety warnings do not by themselves eliminate any danger. The instructions or warnings they give are not substitutes for proper accident prevention measures.

If you need to replace a part, use genuine Stoelting parts with the correct part number or an equivalent part. We strongly recommend that you do not use replacement parts of inferior quality.



Safety Alert Symbol:

This symbol Indicates danger, warning or caution. Attention is required in order to avoid serious personal injury. The message that follows the symbol contains important information about safety.

Signal Word:

Signal words are distinctive words used throughout this manual that alert the reader to the existence and relative degree of a hazard.



The signal word “WARNING” indicates a potentially hazardous situation, which, if not avoided, may result in death or serious injury and equipment/property damage.



The signal word “CAUTION” indicates a potentially hazardous situation, which, if not avoided, may result in minor or moderate injury and equipment/property damage.

CAUTION

The signal word “CAUTION” not preceded by the safety alert symbol indicates a potentially hazardous situation, which, if not avoided, may result in equipment/property damage.

NOTE (or NOTICE)

The signal word “NOTICE” indicates information or procedures that relate directly or indirectly to the safety of personnel or equipment/property.

TABLE OF CONTENTS

Description and Specifications

1.1	Description.....	1
1.2	Specifications	2

Installation Instructions

2.1	Safety Precautions	3
2.2	Shipment and Transit.....	3
2.3	Machine Installation.....	3

Initial Set-Up and Operation

3.1	Operator's Safety Precautions	5
3.2	Operating Controls and Indicators	5
3.3	Removing Mix from Machine	6
3.4	Disassembly of Machine Parts	6
3.5	Cleaning Disassembled Parts	7
3.6	Cleaning the Machine.....	7
3.7	Assembling the Machine	7
3.8	Sanitizing	8
3.9	Freeze Down and Operation	9
3.10	Daily Defrost.....	9
3.11	Consistency Adjustment	9
3.12	Preventive Maintenance	9
3.13	Extended Storage.....	10

Troubleshooting

4.1	Light Indicators	11
4.2	Troubleshooting.....	12

Replacement Parts

5.1	Decals and Lubrication	13
5.2	Auger and Door	14
5.3	Spigot Assembly	15
5.4	Trays and Hopper Cover	15

SECTION 1 DESCRIPTION AND SPECIFICATIONS

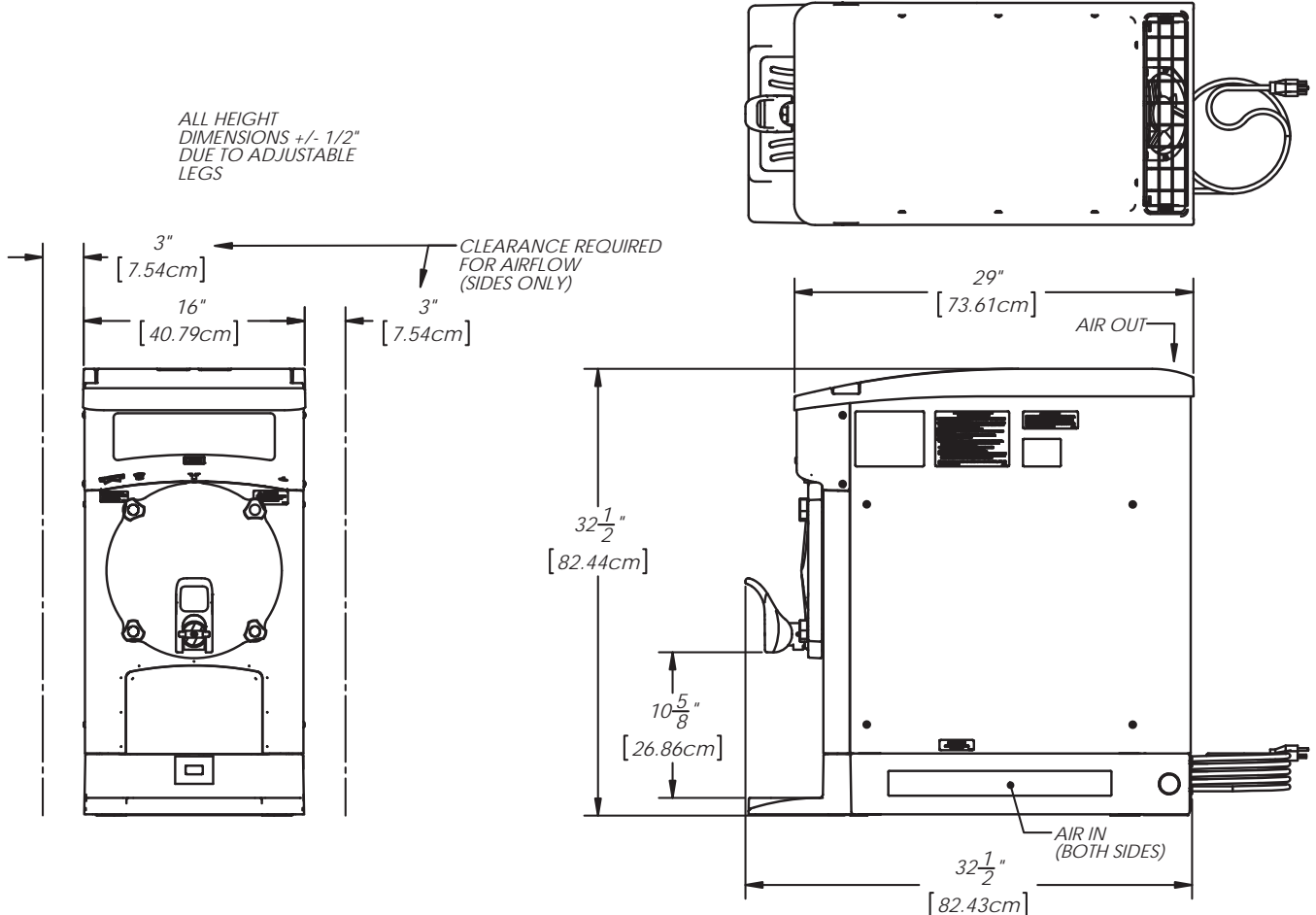
1.1 DESCRIPTION

Stoelting's Frozen Uncarbonated Beverage Dispensers mix and serve a variety of frozen beverages including margaritas, slushes, coffee drinks, and dairy-based products. They are the ideal choice for bars and restaurants looking for flexibility, capacity and simple operation in a compact footprint.

This manual is designed to help qualified service personnel and operators with the installation, operation and maintenance of the Stoelting A118 & D118 machines.



Figure 1-1 Model D118



1.2 SPECIFICATIONS

	Model A118		Model D118	
Dimensions	Machine	with crate	Machine	with crate
width	16-1/8" (41,0 cm)	20" (50,8 cm)	16-1/8" (41,0 cm)	20" (50,8 cm)
height	32-3/8" (82,2 cm)	39-3/4" (101,0 cm)	32-3/8" (82,2 cm)	39-3/4" (101,0 cm)
depth	29" (73,7 cm)	41-1/2" (105,4 cm)	29" (73,7 cm)	41-1/2" (105,4 cm)
Weight	210 lbs (95,2 kg)	240 lbs (108,8 kg)	210 lbs (95,2 kg)	240 lbs (108,8 kg)
Electrical	1 Phase, 115 VAC, 60Hz	1 Phase, 208-240 VAC, 60Hz	1 Phase, 115 VAC, 60Hz	1 Phase, 208-240 VAC, 60Hz
running amps	10.2A	4.7A	13.6A	8.6A
connection type	NEMA5-20P power cord provided	NEMA6-20P power cord provided	NEMA L5-30P power cord provided	NEMA6-20P power cord provided
Compressor	4,250 Btu/hr		8,250 Btu/hr	
Drive Motor	1/7 hp			
Air Flow	Air cooled units require 3" (7,6 cm) air space on both sides.			
Plumbing Fittings	Water cooled units require 1/2" N.P.T. water and drain fittings. Maximum water pressure of 130 psi. Minimum water flow rate of 3 GPM per barrel. Ideal EWT of 50°-70°F.			
Hopper Volume	5 gallon (18,93 liters)			
Freezing Cylinder Volume	2 gallon (7,57 liters)			

SECTION 2 INSTALLATION INSTRUCTIONS

2.1 SAFETY PRECAUTIONS

Do not attempt to operate the machine until the safety precautions and operating instructions in this manual are read completely and are thoroughly understood.

Take notice of all warning labels on the machine. The labels have been put there to help maintain a safe working environment. The labels have been designed to withstand washing and cleaning. All labels must remain legible for the life of the machine. Labels should be checked periodically to be sure they can be recognized as warning labels.

If danger, warning or caution labels are needed, indicate the part number, type of label, location of label, and quantity required along with your address and mail to:

STOELTING FOODSERVICE EQUIPMENT
ATTENTION: Customer Service
502 Hwy. 67
Kiel, Wisconsin 53042

2.2 SHIPMENT AND TRANSIT

The machine has been assembled, operated and inspected at the factory. Upon arrival at the final destination, the entire machine must be checked for any damage which may have occurred during transit.

With the method of packaging used, the machine should arrive in excellent condition. THE CARRIER IS RESPONSIBLE FOR ALL DAMAGE IN TRANSIT, WHETHER VISIBLE OR CONCEALED. Do not pay the freight bill until the machine has been checked for damage. Have the carrier note any visible damage on the freight bill. If concealed damage and/or shortage is found later, advise the carrier within 10 days and request inspection. The customer must place claim for damages and/or shortages in shipment with the carrier. Stoelting, Inc. cannot make any claims against the carrier.

2.3 MACHINE INSTALLATION

Installation of the machine involves moving the machine close to its permanent location, removing all crating, setting in place, assembling parts, and cleaning.

- A. Uncrate the machine.
- B. Accurate leveling is necessary for correct drainage of machine barrel and to insure correct overrun. Place a bubble level on top of the machine at each corner to check for level condition. If adjustment is necessary, level the machine by turning the bottom part of each leg in or out.
- c. Correct ventilation is required. The machine requires 3" clearance on both sides.
- D. Install the drip tray support. Insert the pins on the bracket into the holes on the bottom of the front panel. Install the drip tray and drip tray grid.

- F. Place the CLEAN-ON-OFF switch in the OFF position.
- E. Connect the power cord to the proper power supply. Check the nameplate on your machine for proper supply. The unit must be connected to a properly grounded receptacle. The electrical cord furnished as part of the machine has a three prong grounding type plug. The use of an extension cord is not recommended, if necessary use one with a size 12 gauge or heavier with ground wire. Do not use an adapter to get around grounding requirement.
- F. Follow the steps in Section 3 for proper cleaning and spigot assembly prior to operation.

SECTION 3 INITIAL SET-UP AND OPERATION

3.1 OPERATOR'S SAFETY PRECAUTIONS

SAFE OPERATION IS NO ACCIDENT; observe these rules:

- A. Know the machine. Read and understand the Operating Instructions.
- B. Notice all warning labels on the machine.
- C. Wear proper clothing. Avoid loose fitting garments, and remove watches, rings or jewelry that could cause a serious accident.
- D. Maintain a clean work area. Avoid accidents by cleaning up the area and keeping it clean.
- E. Stay alert at all times. Know which switch, push button or control you are about to use and what effect it is going to have.
- F. Disconnect electrical cord for maintenance. Never attempt to repair or perform maintenance on the machine until the main electrical power has been disconnected.
- G. Do not operate under unsafe operating conditions. Never operate the machine if unusual or excessive noise or vibration occurs.

3.2 OPERATING CONTROLS AND INDICATORS

Before operating the machine, it is required that the operator know the function of each operating control. Refer to Figure 3-1 for the location of the operating controls on the machine.



WARNING

High voltage will shock, burn or cause death. The OFF-ON switch must be placed in the OFF position prior to disassembling for cleaning or servicing. Do not operate machine with cabinet panels removed.

A. CLEAN-OFF-ON Switch

The CLEAN-OFF-ON switch is used to supply power to the control circuit. When the switch is in the OFF (middle) position, power is not supplied to the control board or refrigeration system. When the switch is in the ON position, the machine operates in the freezing mode. When the switch is in the CLEAN position, all refrigeration stops and the auger starts rotating. If left in the CLEAN position, defrost mode begins.

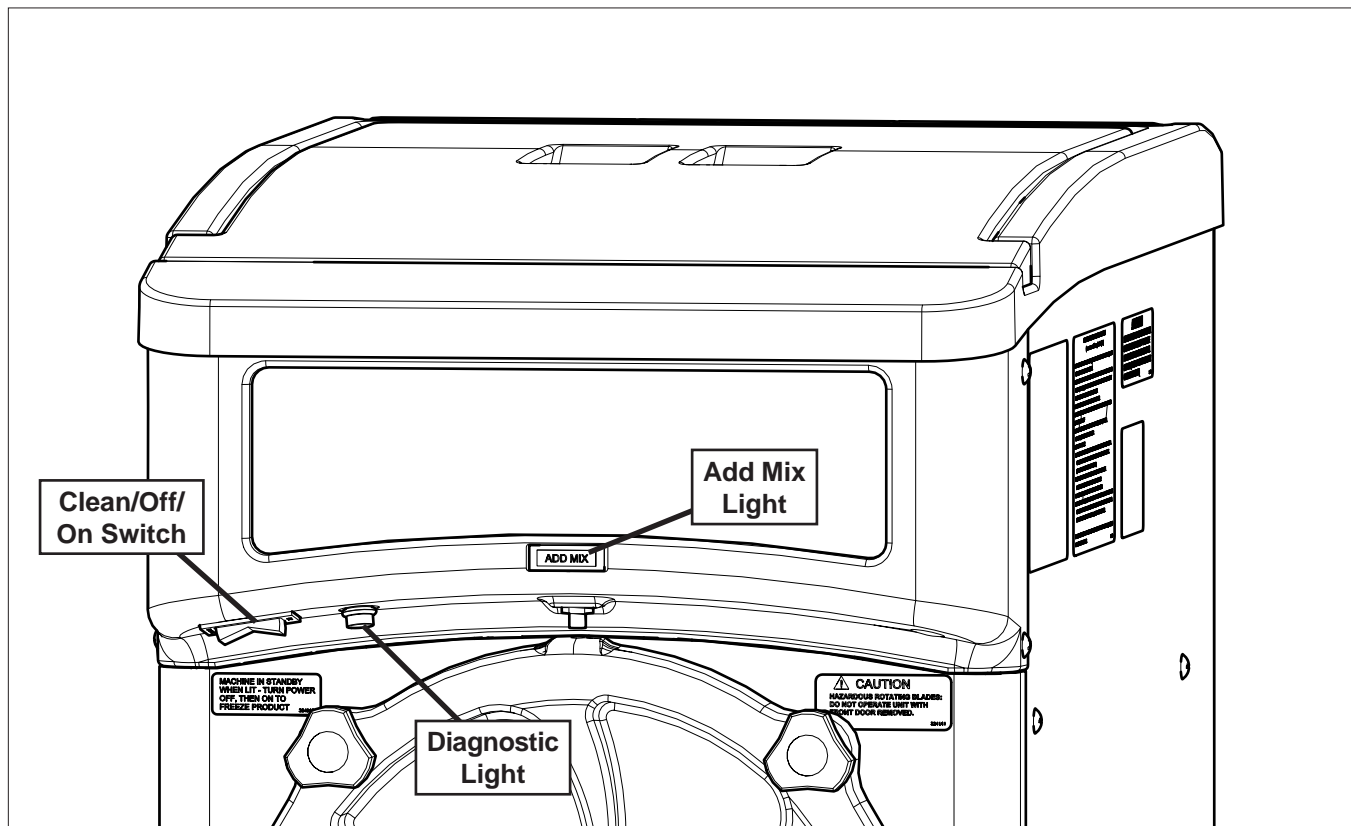


Figure 3-1 Controls

C. ADD MIX Light

The ADD MIX light flashes to alert the operator to a low mix condition. It does so by monitoring the mix level in the hopper. When the ADD MIX light is flashing, refill hopper immediately.

NOTE

Failure to refill hopper immediately may result in operational problems.

D. Diagnostic Light

The Diagnostic Light is lit during defrost mode and flashes if an error occurs. There are two quick flashes if the drive motor is not sensed. Refer to the troubleshooting section for details.

3.3 REMOVING MIX FROM MACHINE


If the machine is empty, go to Section 3.4.

- A. Place the switch in the CLEAN position. Allow the mix to agitate in freezing cylinder until the mix has become liquid.
- B. Place a container under the spigot and drain the mix.
- C. Fill the hopper with cool tap water.
- D. Open the spigot to drain the water. If it is not clear allow the cylinder to refill with water and drain it again.
- E. Place the switch in the OFF position.

3.4 DISASSEMBLY OF MACHINE PARTS

Before using the machine for the first time, complete machine disassembly, cleaning and sanitizing procedures need to be followed. Routine cleaning intervals and procedures must comply with the local and state health codes. Inspection for worn or broken parts should be made each time the machine is disassembled. All worn or broken parts should be replaced to ensure safety to both the operator and the customer and to maintain good machine performance and a quality product.

To disassemble the machine, refer to the following steps:

 CAUTION
Hazardous Moving Parts.
Revolving auger shaft can grab and cause injury. Place the switch in the OFF (middle) position before disassembling for cleaning or servicing.

- A. Remove the hopper cover.
- B. Hold the spigot handle and turn the handle retaining pin. Pull the handle forward and remove it.

- C. Turn the inner spigot assembly counterclockwise 90° and pull the assembly out of the spigot housing.
- D. Pull the lock tab forward and turn the spigot housing counterclockwise 90°. Pull the assembly out of the door.

NOTE

Use the optional spigot tool to assist pulling the lock tab forward.

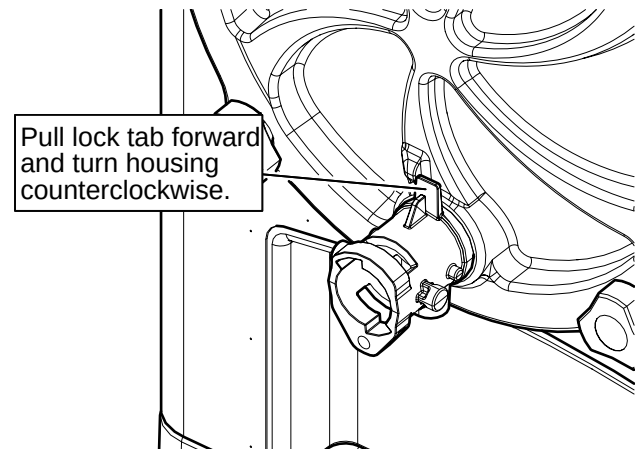


Figure 3-2 Removing Spigot Housing

- E. On the inner spigot assembly, compress the valve plug and retaining cap together and rotate the pin 90°.
- F. Remove the pin, retainer cap, and spring from the valve plug. Remove the spigot lock clip by squeezing it at the top and pulling downwards.

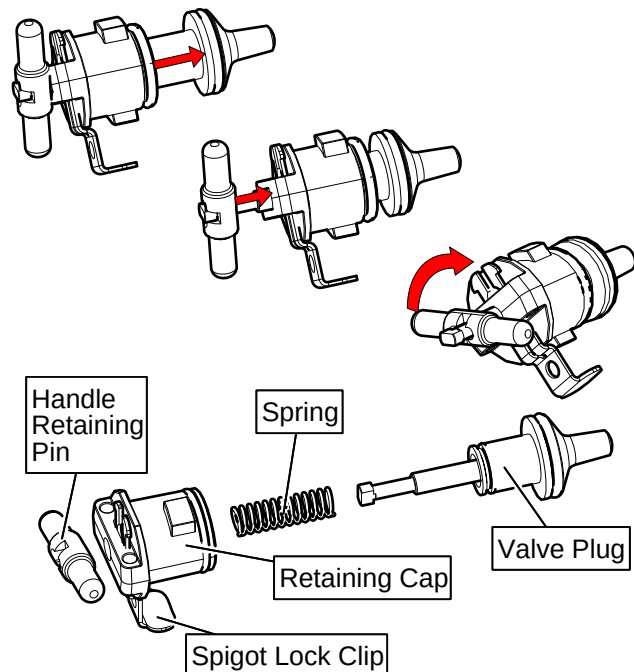


Figure 3-3 Spigot Assembly

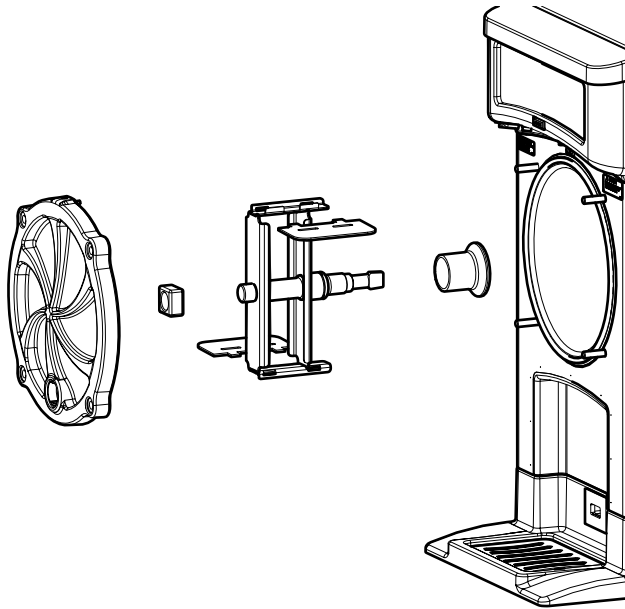


Figure 3-4 Auger Assembly and Door

- G. Remove the o-rings from the spigot assemblies. First wipe off the lubricant using a clean paper towel. Then squeeze the o-ring upward with a dry cloth. When a loop is formed, roll the o-ring out of the groove.
- H. Remove front door by unscrewing knobs and then pulling the door off the studs. Remove the front door o-ring.
- I. Remove the square auger bushing.
- J. Remove auger assembly from the freezing cylinder and remove auger blades.
- K. Remove rear seal and rear seal o-ring from the auger.

3.5 CLEANING DISASSEMBLED PARTS

Disassembled parts require complete cleaning, sanitizing and air drying before assembling. Local and state health codes dictate the procedure required. Some state health codes require a four sink process (pre-wash, wash, rinse, sanitize, air dry), while others require a three sink process (without the pre-wash step). The following procedures are a general guideline only. Consult your local and state health codes for the procedures required in your location.

- A. Place all parts in 90° to 110°F (32°C to 43°C) mild detergent water and wash thoroughly. Use the brushes that shipped with the machine to clean the parts.
- B. Rinse all parts with clean 90° to 110°F (32°C to 43°C) water.
- C. Place all parts in a sanitizing solution for at least 1 minute, then remove and let air dry completely before assembling in machine.

3.6 CLEANING THE MACHINE

The exterior of the machine should be kept clean at all times to preserve the luster of the stainless steel. A high grade of stainless steel has been used on the machine to ease cleanup. To remove spilled or dried mix, wash the exterior with 90° to 110°F (32°C to 43°C) mild detergent water and wipe dry.

Do not use highly abrasive materials, as they mar the finish. A mild alkaline cleaner is recommended. Use a soft cloth or sponge to apply the cleaner. For best results, wipe with the grain of the steel.

- A. Clean the rear seal surfaces on the inside of the freezing cylinder.
- B. Using sanitizing solution and the large barrel brush provided, sanitize the freezing cylinder by dipping the brush in the sanitizing solution and brushing the inside of the freezing cylinder.
- C. Wrap the brush in a clean sanitized cloth and thoroughly dry the freezing cylinder.
- D. Remove the drain tray, drip tray and drip tray grid from the front of the machine. Clean and replace them.

3.7 ASSEMBLING THE MACHINE

To assemble the machine, refer to the following steps:

NOTE

Petrol Gel sanitary lubricant, Total Blend sanitary lubricant, or equivalent must be used when lubrication of parts is specified.

Total Blend may be used to lubricate parts and may also be used in place of spline lubricant. Do not use more than one packet of Total Blend per freezing cylinder.

NOTE

The United States Department of Agriculture and the Food and Drug Administration require that lubricants used on food processing equipment be certified for this use. Use lubricants only in accordance with the manufacturer's instructions.

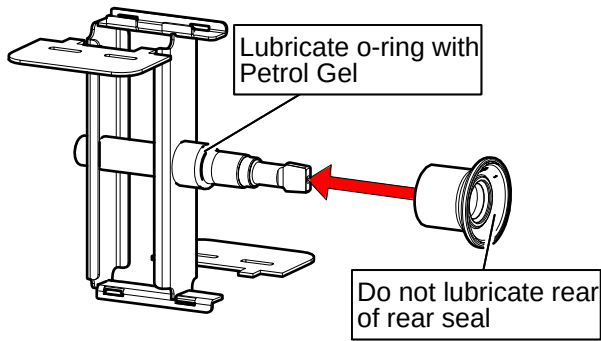


Figure 3-5 Auger

- A. Install the rear seal o-ring. Lubricate the outside of the rear seal o-ring with a generous amount of sanitary lubricant.
- B. Install the rear seal onto the auger.
- C. Lubricate the drive end of the auger with a small amount of spline lubricant or Total Blend lubricant. A small container of spline lubricant or Total Blend packets were shipped with the machine.

NOTE

Total Blend lubricant can be used in place of spline lubricant. DO NOT use Petrol Gel on the hex end of the auger.

- D. Install the two plastic blades onto the auger and insert the auger into the freezing cylinder. Position the auger with the blade arms vertical and the drive end inserted just enough to engage the drive.
- E. Apply a thin layer of sanitary lubricant to the inside and back (side facing auger) of the square auger support bushing. Install the bushing onto the auger.
- F. Fit the front door o-ring into the groove on the rear of the front door.
- G. Align square cutout on the front door with the auger support bushing. Seat the bushing into the front door then place the door onto the mounting studs.

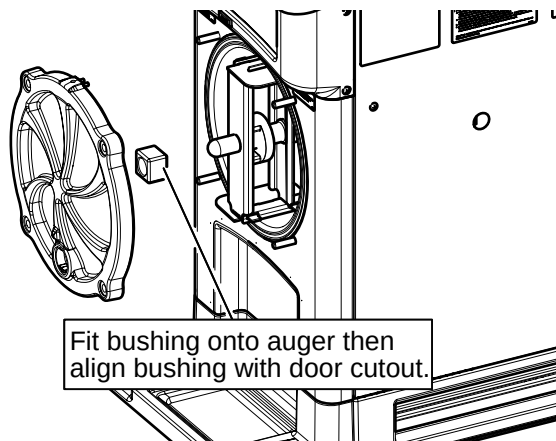


Figure 3-6 Align Square Bushing

- H. Secure the front door to the machine by placing the knobs on the studs and tightening until finger tight. Tighten in a crisscross pattern. Do not overtighten. Proper o-ring seal can be observed through the transparent front door.
- I. Place the o-ring onto the spigot housing and lubricate the o-ring with sanitary lubricant. Install the housing into the front door.

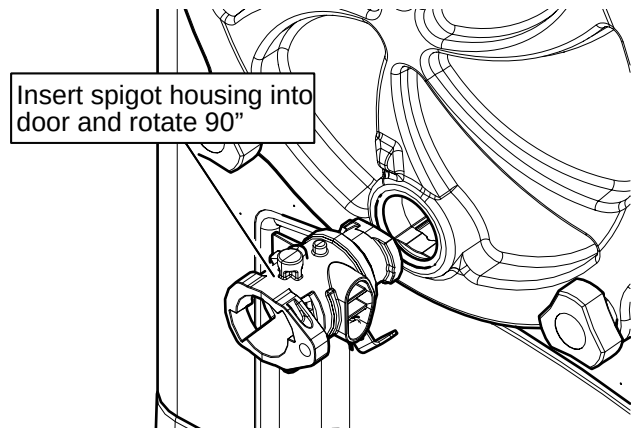


Figure 3-7 Install Spigot Housing

- J. Assemble the spigot assembly.
 1. Install the spigot lock clip into the retaining cap.
 2. Place the o-rings onto the retaining cap and valve plug. Lubricate the o-rings with a generous amount of sanitary lubricant.
 3. Put the spring and retaining cap onto the valve plug.
 4. Press the retaining cap against the plug so that the retaining pin can be installed.
 5. Install the pin onto the shaft and turn it 90°.

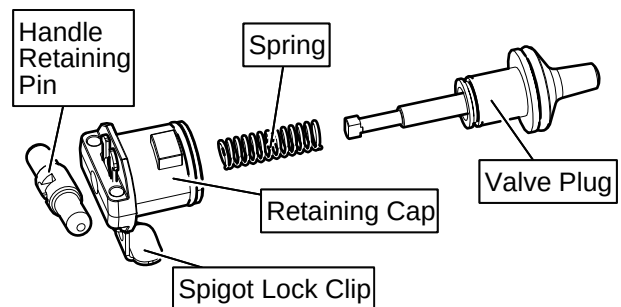


Figure 3-8 Spigot Assembly

- K. Install the assembly into the spigot housing and rotate the assembly clockwise 90° to secure it.

- L. Install the spigot handle onto the spigot assembly.
 1. Make sure the handle retaining pin is vertical. Align the handle onto the pins in the spigot housing.
 2. Pull and rotate the retaining pin so that it locks the handle in place.

3.8 SANITIZING

Sanitizing must be done after the machine is cleaned and just before the hopper is filled with mix. Sanitizing the night before is not effective. However, you should always clean the machine and parts after each use.

The United States Department of Agriculture and the Food and Drug Administration require that all cleaning and sanitizing solutions used with food processing equipment be certified for this use.

When sanitizing the machine, refer to local sanitary regulations for applicable codes and recommended sanitizing products and procedures. The frequency of sanitizing must comply with local health regulations.

Mix Stera Sheen sanitizer according to manufacturer's instructions to provide a 100 parts per million (ppm) strength solution. Mix sanitizer in quantities of no less than 2 gallons (7.5 liters) of 90° to 110°F (32° to 43°C) water. Allow sanitizer to contact the surfaces to be sanitized for 5 minutes. Any sanitizer must be used only in accordance with the manufacturer's instructions.

- A. Prepare 2 gallons of Stera Sheen sanitizing solution or equivalent. Follow the manufacturer's instructions for preparing the sanitizing solution
- B. Pour the sanitizing solution into the hopper.
- C. Place the switch into the CLEAN position to start the auger rotating.
- D. Check for leaks at the front door seals and in the drain tray.
- E. While the cylinder is being sanitized, use a sanitized soft bristle brush dipped in sanitizing solution to clean the hopper and hopper cover.
- F. After 5 minutes, open the spigot to drain the sanitizing solution.
- G. When the solution has drained, place the switch in the OFF position. Allow the freezing cylinder to drain completely.

The machine is now sanitized and ready for adding mix.

3.9 FREEZE DOWN AND OPERATION

- A. Sanitize immediately before use.
- B. Fill the hopper with mix. Open the spigot and drain a small amount of mix to remove any remaining sanitizer.
- D. Place the switch in the ON position.

NOTE

After the drive motor starts, there is a delay before the compressor starts.

- F. After 15 to 20 minutes the product will be at consistency and will be ready to serve. Freeze down time may vary depending on mix type and ambient temperatures.
- G. To dispense, pull or push the spigot handle. To prevent from dispensing, push the spigot lock clip upwards.
- H. Do not operate the machine when the ADD MIX light is on. Refill the hopper immediately.

3.10 DAILY DEFROST

The machine must be placed in defrost mode on a daily basis to prevent large ice crystal buildup.

- A. Place the switch in the CLEAN position.
- B. The auger rotates continuously for 20 minutes. After 20 minutes the defrost mode begins. The auger rotates for 90 seconds every 7 minutes and the diagnostic light is lit.
- C. Keep the machine in defrost mode for at least 4 hours daily.
- D. Place the switch in the ON position to return to freeze down product and return to normal operation.

3.11 CONSISTENCY ADJUSTMENT

The consistency adjustment screw is located behind the access plug on the right side panel. Remove the plug to access the screw.

To adjust consistency, use a flat head screwdriver. Turn clockwise for thicker product and counterclockwise for thinner product. Allow 15-30 minutes for the consistency change to show up in the product.

3.12 PREVENTIVE MAINTENANCE

Stoelting recommends that a maintenance schedule be followed to keep the machine clean and operating properly.

A. DAILY

1. The machine must be placed in defrost mode for 4 hours to prevent ice buildup (see Section 3.10)
2. The exterior should be kept clean at all times to preserve the luster of the stainless steel. A mild alkaline cleaner is recommended. Use a soft cloth or sponge to apply the cleaner.

B. WEEKLY

1. Check o-rings and rear seal for excessive wear and replace if necessary.
2. Remove and clean the drip tray:
 - a. Remove the drain tray
 - b. Gently lift the drip tray upwards to disengage it from the support and pull it out.
 - c. Clean the drain tray and drip tray. Clean behind the drip tray and at front of the machine with a mild detergent.
 - d. Replace the drip tray and drain tray.

C. QUARTERLY

Air Cooled

The air-cooled condenser is a copper tube and aluminum fin type. Condensing is totally dependent upon airflow. A plugged condenser filter, condenser, or restrictions in the lower vented panels lowers the capacity of the system and may cause damage to the compressor.

The condenser must be kept clean of dirt and grease. The machine must have a minimum of 3" ventilation on the right and left sides of the unit for free flow of air. Make sure the machine is not pulling over 100° F (37° C) air from other equipment in the area.

The condenser and condenser filter require periodic cleaning. To clean, refer to the following procedures.

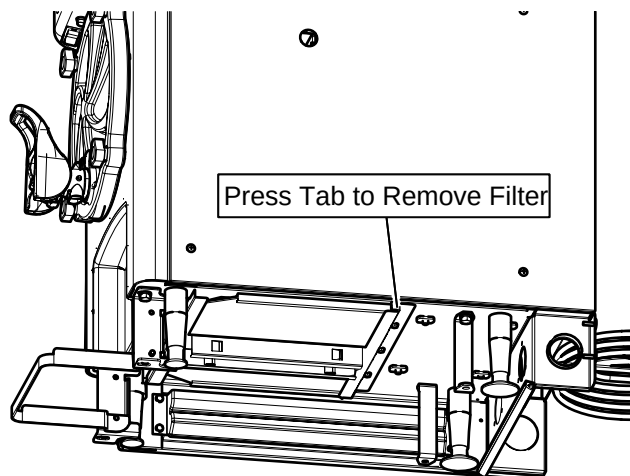


Figure 3-10 Filter Removal

NOTE

The machine has a two filters. Both filters must be cleaned.

- A. Remove the drain tray. Gently lift the drip tray upwards to disengage it from the support and pull it out.
- B. Remove the lower vented panels on the left and right side of the machine by pulling the front of the panel outward to unfasten it from the leg. Then pull the panel forward to disengage it from the pins.
- B. Press the filter tab and pull the filter out.
- C. Visually inspect the condenser filter for dirt.
- D. If the filter is dirty, vacuum or brush clean, rinse with clean water and allow to dry before replacing on the machine.

NOTE

If the condenser is not kept clean, refrigeration efficiency is lost.

Water Cooled

The water-cooled condenser is a tube and shell type. The condenser needs a cool, clean supply of water to properly cool the machine. Inlet and discharge lines must be 3/8" I.D. minimum. Make sure the machine is receiving an unrestricted supply of cold, clean water.

3.13 EXTENDED STORAGE

Refer to the following steps for storage of the machine over any long period of shutdown time:

- A. Place the CLEAN-OFF-ON switch in the OFF (middle) position.
- B. Disconnect (unplug) from the electrical supply source.
- C. Clean all parts that come in contact with mix thoroughly with a warm water cleaning solution. Rinse in clean water and dry parts. Do not sanitize.

NOTE

Do not let the cleaning solution stand in the hopper or in the freezing cylinder during the shutdown period.

- D. Remove, disassemble and clean the front door, spigot and auger parts.
- E. In a water cooled machine, disconnect the water lines and drain water. With a flathead screwdriver, hold the water valve open and use compressed air to clear the lines of any remaining water.

SECTION 4 TROUBLESHOOTING

4.1 LIGHT INDICATORS

The machine has two lights that alert the user if a problem occurs: an ADD MIX light and a Diagnostic Light.

The ADD MIX light flashes to alert the operator to a low mix condition. It does so by monitoring the mix level in the hopper. When the ADD MIX light is flashing, refill hopper immediately.

The Diagnostic Light is on during defrost mode and flashes if an error occurs. Refer to the chart below for details.

Indication	On	Two Blinks
Conditions	Defrost Mode	Drive current is not sensed
Self Correction	N/A	The machine attempts to sense drive current with a 3 second pre-stir. If current is sensed, the machine returns to normal operation. If current is not sensed, the machine waits 7 minutes and tries to sense current with another 3 second pre-stir. After the third attempt, the compressor runs on timers.
Operation	Every 7 minutes the auger runs for 90 seconds.	Every 21 minutes the auger runs for 10 seconds.
Corrective Action	N/A	Contact Service Technician

4.2 TROUBLESHOOTING

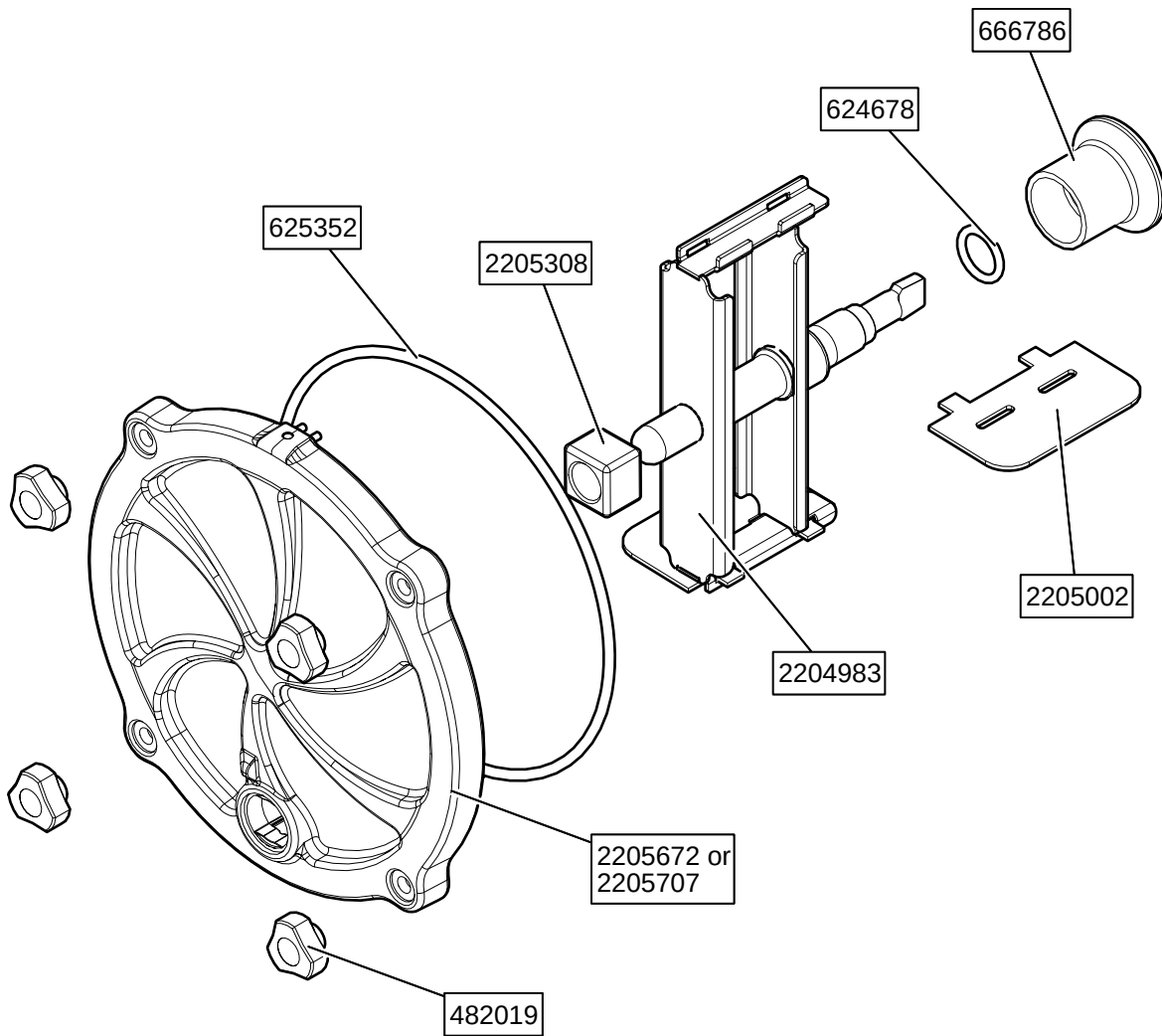
PROBLEM	POSSIBLE CAUSE	REMEDY
Machine does not run.	<ol style="list-style-type: none"> 1 Power to machine is off. 2 Blown fuse or tripped circuit. 3 Freeze-up (auger does not turn). 4 Front door not in place. 	<ol style="list-style-type: none"> 1 Supply power to machine. 2 Replace or reset. 3 Turn Clean/Off/On switch Off for 15 minutes, then restart. 4 Assemble front door in place.
Machine does not shut off.	<ol style="list-style-type: none"> 1 Consistency temperature setting is too firm. 2 Refrigeration problem. 	<ol style="list-style-type: none"> 1 Turn Consistency Adjustment knob counter-clockwise. 2 Check system. (Call distributor for service)
Product has large ice crystals.	<ol style="list-style-type: none"> 1 Machine was in freeze mode without dispensing product for an extended period. 	<ol style="list-style-type: none"> 1 Use defrost mode daily. To use defrost mode, turn the switch to Clean. After 20 minutes, defrost mode automatically begins. Allow to remain in defrost mode for at least x hours.
Product is too firm.	<ol style="list-style-type: none"> 1 Consistency temperature setting is too firm. 	<ol style="list-style-type: none"> 1 Turn Consistency Adjustment knob counter-clockwise.
Product is too thin.	<ol style="list-style-type: none"> 1 No vent space for free flow of cooling air. 2 Air temperature entering condenser is above 100°F. 3 Condenser is dirty. 4 Consistency setting too soft. 5 Auger is assembled incorrectly. 6 Refrigeration problem. 	<ol style="list-style-type: none"> 1 A minimum of 6" of air space on both sides (the E112 requires 3"). (See Section 2) 2 Change location or direct hot air away from machine. 3 Clean. (See Section 3) 4 Turn Consistency Adjustment knob clockwise. 5 Remove mix, clean, reassemble, sanitize and freeze down. 6 Check system. (Call distributor for service)
Product does not dispense.	<ol style="list-style-type: none"> 1 No mix in hopper. 2 Drive motor overload tripped. 3 Freeze-up (auger does not turn). 4 Freeze-up (mix inlet tube frozen shut). 	<ol style="list-style-type: none"> 1 See Auto Fill Troubleshooting section. 2 Press the overload reset button located under the header panel. (If condition continues, call distributor for service.) 3 Turn Clean/Off/On switch Off for 15 minutes, then restart. Make sure brix is below 10% 4 Turn machine off and unplug. Use a food safe plastic spoon handle to poke the ice blockage through the mix inlet into the freezing cylinder. Connect power and turn machine on.
Rear auger seal leaks.	<ol style="list-style-type: none"> 1 Outside surface of rear auger seal is lubricated. 2 Rear seal missing or damaged. 3 Seal o-ring missing, damaged or installed incorrectly. 4 Worn or scratched auger shaft. 	<ol style="list-style-type: none"> 1 Clean lubricant from outside of rear seal, lubricate inside of seal and reinstall. 2 Check or replace. 3 Check. or replace. 4 Replace auger shaft.
Front door leaks.	<ol style="list-style-type: none"> 1 Front door knobs are loose. 2 Spigot parts are not lubricated. 3 Chipped or worn spigot o-rings. 4 O-rings or spigot installed wrong. 5 Inner spigot hole in front door nicked or scratched. 	<ol style="list-style-type: none"> 1 Tighten knobs. 2 See Section 3. 3 Replace o-rings. 4 Remove spigot and check o-ring. 5 Replace front door.

SECTION 5 REPLACEMENT PARTS

5.1 DECALS AND LUBRICATION

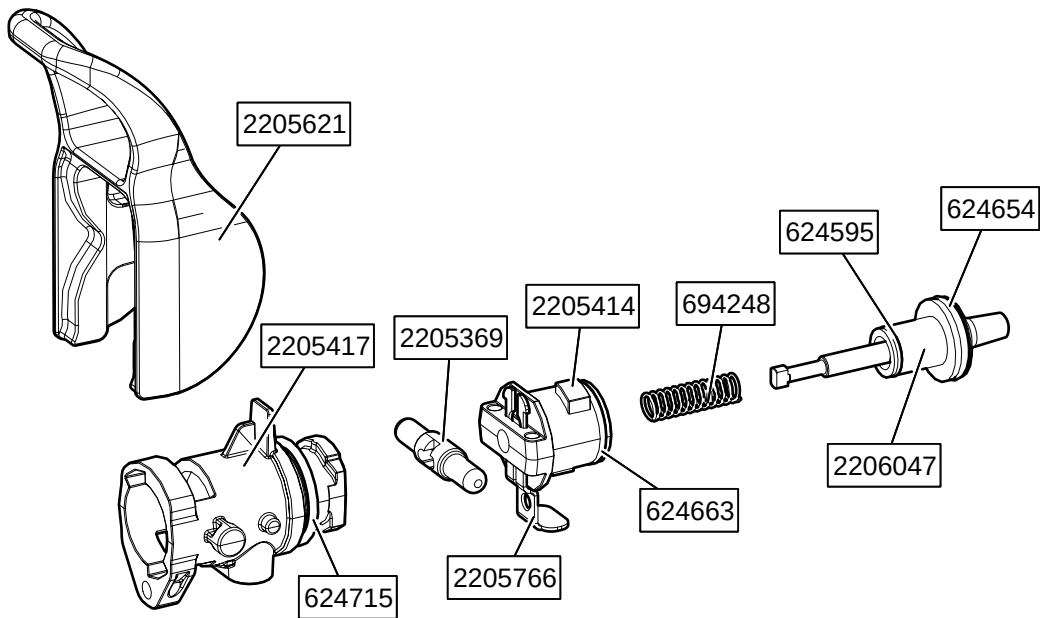
Part Number	Description	Quantity
C-1000-26C	Decal - Made In USA	1
324105	Decal - Caution Electrical Shock	3
324106	Decal - Caution Electrical Wiring Materials	1
324107	Decal - Caution Hazardous Moving Parts	2
324141	Decal - Caution Rotating Blades	1
324208	Decal - Attention Refrigerant Leak Check	2
324509	Decal - Cleaning Instructions	1
324566	Decal - Wired According To	1
324584	Decal - Adequate Ventilation 3"	3
324686	Decal - Danger Automatic Start	2
324803	Decal - Domed Stoelting Logo (Large) (Header Panel)	1
324852	Decal - Clean Condenser Filter	1
324865	Decal - Standby Light	1
324922	Decal - Assembly Check	1
490749	Leg - Front	2
490750	Leg - Rear (w/Suction Cup)	1
508135	Petrol Gel - 4 oz Tube	1
508048	Lubricant - Spline (2 oz Squeeze Tube)	1
670547	Thread Sealant - Loctite 565	1
2183636	Spacer - Leg	4
2205934	Spigot Tool	1

5.2 AUGER AND DOOR



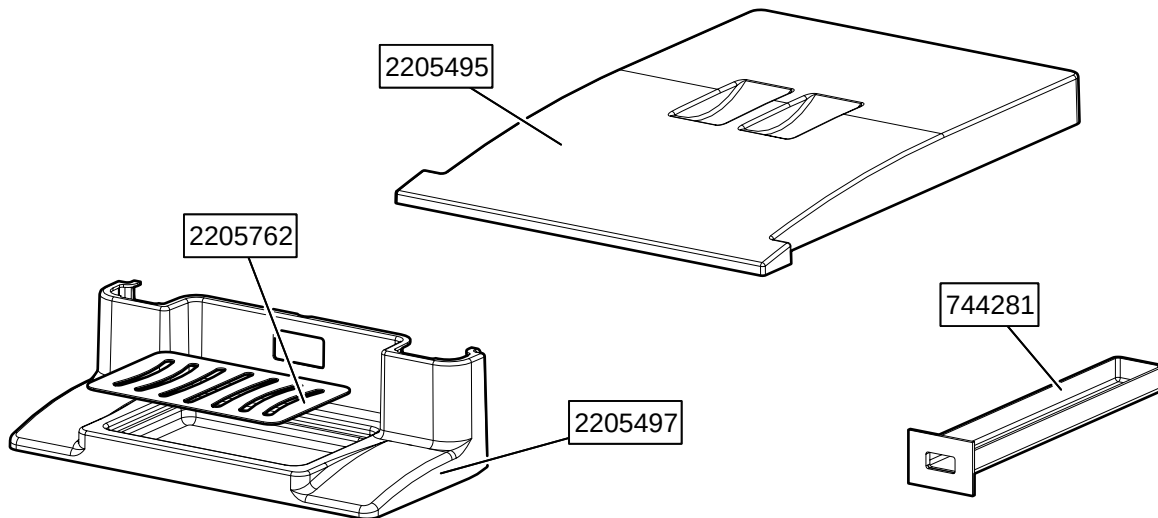
Part Number	Description	Quantity
482019	Knob - Front Door (Black)	4
624678-5	O-Ring - Rear Seal - Black (5 Pack)	1
625352	O-Ring - Front Door - Black	1
666786	Seal - Rear Auger - Black	1
2204983	Auger	1
2205002	Blade - Scraper (Has 2)	2
2205308	Bushing - Front Auger Support (Square)	1
2205672	Door - Lighted	1
2205707	Door - No Light	1

5.3 SPIGOT ASSEMBLY



Part Number	Description	Quantity
624595	O-Ring - Valve Plug (Inner)	1
624654	O-Ring - Valve Plug (Outer)	1
624663	O-Ring - Retaining Cap	1
624715	O-Ring - Spigot Housing	1
694248	Spring - Valve Plug Shaft	1
2205414	Retaining Cap - Spigot Valve	1
2205417	Housing - Spigot	1
2205369	Pin - Handle Retaining	1
2205621	Handle - Spigot Push/Pull	1
2205761	Valve Plug - Spigot	1
2205766	Lock Clip - Spigot	1

5.4 TRAYS AND HOPPER COVER



Part Number	Description	Quantity
744281	Tray - Drain (Front)	1
2205495	Cover - Hopper	1
2205497	Tray - Drip (Molded)	1
2205762	Grid - Drip Tray	1

1. Scope:

Stoelting, A Vollrath Company (“Stoelting”) warrants to the first user (the “Buyer”) that the Stoelting-branded freezer equipment (the “Equipment”) will be free from defects in materials and workmanship under normal use and proper maintenance for the period listed below in the Warranty Period section. All warranty periods begin on the date of original install or one (1) year from the shipping date, whichever occurs first. This warranty is subject to all conditions, exceptions, and limitations contained herein.

2. Disclaimer of Other Warranties:

THIS WARRANTY IS EXCLUSIVE; AND STOELTING HEREBY DISCLAIMS ANY IMPLIED WARRANTY OF MERCHANTABILITY OR FITNESS FOR PARTICULAR PURPOSE.

3. Remedies:

Stoelting’s sole obligations, and Buyer’s sole remedies, for any breach of this warranty shall be, at Stoelting’s option, one of the following: repair or replacement of the affected component at Stoelting’s plant in Kiel, Wisconsin, or refund of the purchase price of the affected Equipment. Stoelting, through an Authorized Stoelting Provider, will deinstall/reinstall the affected component from/into the equipment (“Labor”) for the period listed below in the Warranty Period section. These obligations/remedies are subject to the conditions that Buyer (a) signs and returns to Stoelting, upon installation, the Start-Up and Training Checklist for the affected equipment, (b) gives Stoelting prompt written notice of any claimed breach of warranty within the applicable warranty period, and (c) delivers the affected equipment to Stoelting or its designated service location, in its original packaging/crating, also within that period. Buyer shall bear the cost and risk of shipping to and from Stoelting’s plant or designated service location.

4. Warranty Period:

Equipment	Part	Part Warranty Period	Labor Warranty Period
Soft Serve & Shake	Freezing Cylinders	Five (5) Years	Twelve (12) Months
	Hoppers		
	Compressors		
	Drive Motors		
	Speed Reducers		
	Augers		
Frozen Uncarbonated Beverage	Evaporator	Five (5) Years	Twelve (12) Months
	Compressors		
	Drive Motors		
	Speed Reducers		
Custard & Batch	Freezing Cylinders	Two (2) Years	Twelve (12) Months
	Hoppers		
	Compressors		
	Drive Motors		
	Speed Reducers		
	Beaters Auger Shafts		
Dipping Cabinets & Display Cabinets	All components	Twelve (12) Months	Twelve (12) Months
Frozen Beverage / Granita Dispenser	Compressors	Five (5) Years	Twelve (12) Months
	Electronic Board	Three (3) Years	
	All other components	Two (2) Years	
AutoVend	All components	Twelve (12) Months	Twelve (12) Months
Crème Whippers	Compressors	Two (2) Years	Twelve (12) Months
	Motors		
	Condensers		
All equipment	All other components not specified above	Twelve (12) Months	Twelve (12) Months

5. **Conditions:**

- a) If the date of the original installation cannot be verified, these warranty periods begin one (1) year from the shipping date. It is the responsibility of the seller to disclose this information to the Buyer at the time of sale.
- b) Stoelting shall not be responsible to provide any remedy under this warranty with respect to any component that fails by reason of negligence, abnormal use, misuse or abuse, faulty repair made by others, use with parts or equipment not manufactured or supplied by Stoelting, any modification or alteration of any parts or equipment, or damage in transit.
- c) This warranty is valid only if the Equipment is installed and serviced by an Authorized Stoelting Provider and only if new, genuine Stoelting parts are used.
- d) The Equipment installation location must have suitable conditions as explained in the Stoelting operators manual, specification sheet, and/or technical manual including but not limited to, ambient temperature, water supply parameters, and space requirements.
- e) The Authorized Stoelting Provider must return defective parts, at Stoelting's discretion, for credit.
- f) Any refrigerant other than that specified on the Equipment model identification nameplate voids this warranty.

6. **Exceptions:**

This warranty does **NOT** cover any of the following

- a) Costs associated with installation labor, disposal of equipment being replaced, and shipping costs of replacement parts or Equipment.
- b) Cleaning, maintenance or lubrication of the Equipment as outlined in the Stoelting operators manual.
- c) This warranty does not extend to parts, sometimes called "wear parts", which are generally expected to deteriorate and to require replacement as equipment is used, including but limited to o-rings, auger flights, auger seals, auger support bushings, and drive belts. All such parts are sold **AS IS**.
- d) External components including but not limited to hoses, piping, or electrical equipment.
- e) Labor and travel charges due to return trips or waiting if the Authorized Stoelting Provider is prevented from promptly starting service work upon arrival. This exception includes labor charges incurred for limited access facilities including, but not limited to, government and military buildings, and airports.
- f) Failure, damage, or repairs due to faulty installation, misapplication, abuse, lack of service, or improper service, unauthorized alteration, improper operation as indicated in the Stoelting operators manual, including but not limited to failure to properly assemble and/or clean, improper tool usage, or use of unapproved lubrication, or cleaning and sanitizing supplies.
- g) Any costs associated with electricity, including utility increases, from any reason whatsoever.
- h) Damage resulting from the use of refrigerant other than that specified on the Equipment model identification nameplate.
- i) The use of this equipment as a rental asset negates all warranties associated with the equipment.
- j) Any special, indirect or consequential property or commercial damage of any nature whatsoever, if the jurisdiction allows this exclusion.
- k) Costs not covered by the Stoelting Travel Pay policy. Stoelting covers only the first trip travel which is a flat rate by mileage one-way from the service company's home location to the job site. The flat rate is calculated as follows:
 - o 0-50 Miles \$85
 - o 51-110 Miles \$127
 - o 111-160 Miles \$165
 - o Over 160 Miles The maximum reimbursed by Stoelting is \$165

Any travel costs not covered may be invoiced to the customer.

7. **Limitations:**

THE REMEDIES SET FORTH IN THIS WARRANTY SHALL BE THE SOLE LIABILITY STOELTING AND THE EXCLUSIVE REMEDY OF BUYER WITH RESPECT TO EQUIPMENT SUPPLIED BY STOELTING; AND IN NO EVENT SHALL STOELTING BE LIABLE FOR ANY INCIDENTAL OR CONSEQUENTIAL DAMAGES, INCLUDING AS EXAMPLES BUT NOT INTENDED TO BE LIMITED TO DOWNTIME, OVERHEAD, MATERIALS, PERFORMANCE PENALTIES, LOST SALES, LOST PROFITS, PRODUCT LOSS, OR PROPERTY DAMAGES, WHETHER FOR BREACH OF WARRANTY OR OTHER CONTRACT BREACH, NEGLIGENCE OR OTHER TORT, OR ON ANY STRICT LIABILITY THEORY.