



COTTON CANDY MACHINE (Model Ringmaster) GENERAL INFORMATION & INSTRUCTIONS

ELECTRICAL REQUIREMENTS:

- The cotton candy machine requires a properly-grounded 120 volt supply with a 30 amp circuit.
- The cotton candy machine should be plugged directly into a dedicated outlet. Extension cords are not recommended, however, if one is needed make sure at least #12 A.W.G. stranded wire is used. If the cord will be over 25 feet long, use #10 A.W.G. stranded wire.
- Be sure the outlet accepts 3-prong grounded plugs. DO NOT use a 3-prong to 2-prong adapter.

MAKING FLOSS:

1. Before operating the machine, read this section on how to make floss.
2. Using a damp cloth, moisten the inside of the floss pan. This will cause the floss to adhere to the sides of the pan.
3. After reading this entire section, operate your machine as described in the operating instructions following this section.
4. Pay attention to the direction of the floss as it is spun out of the head. It should be thrown against and adhere to the sides of the floss pan. Attached to the top plate of the spinner head are two floaters, these give additional air current for floss control. By twisting the leading edge of the floaters down, you get more lift and the floss will go upward. With the leading edge up, the floss will go down.
5. To pick up floss:
 - a. Pick up the cone. If it sticks in the stack of cones, do not pull, but twist it off the stack.
 - b. Hold an inch or two of the pointed end of the cone between you two fingers and thumb.
 - c. With a light flicking action, break the web of floss that is building up in the pan. Usually some floss will stick to the cone.
 - d. Lift up the cone with the ring of floss attached and, by rotating the cone, wind the floss onto it. Do NOT roll floss onto the cone while it is inside the pan. This will just pack the floss onto the cone, causing you to use more floss to fill the cone and result in less cones of floss per load of sugar.
 - e. See illustrations on the backside of these instructions for additional help.
 - f. If you have difficulty in getting the floss to stick to the cone, pass the cone over a damp sponge.
6. NOTE: High Humidity can affect the performance of the Cotton Candy Machine. It will clump together and appear wet. Move to a different location.

OPERATING INSTRUCTIONS:

1. Plug in floss machine.
2. Before turning on the motor switch and with the spinner head stationary, fill floss head about 90% full with sugar. Do NOT overfill! Whenever you add sugar to the floss head, always fill it about 90% full. This is necessary to obtain a balanced condition in the floss head or excessive vibration will occur. Never add sugar when motor is running. After adding sugar, manually rotate head to balance.
3. Flip motor switch to ON position.
4. Turn the heat switch to ON position.
5. Turn the heat control dial to the highest position.

6. When floss starts to flow out of the head, lower the heat setting until the desired consistency of floss is produced. If at any time you smell burning sugar or see smoke, reduce the heat.
7. If you will be stopping production for any period of time the spinner head should be cleaned to prevent buildup on the head between uses. Follow the cleaning instructions below.

CLEANING:

1. When stopping operations, run all the sugar out of the floss head.
2. With the motor and heat switches ON, increase the heat control to maximum. Run until head begins to smoke.
3. Turn the motor switch to OFF and let spinner head stop spinning. Within 5 to 10 seconds, you will see liquid sugar beginning to ooze through the holes on the spinner screen.
4. Turn the motor switch to ON. This will throw the sugar out of the head.
5. Repeat steps 2 & 3 two to three times.
6. After the last cycle, turn heat to OFF, wait 30 seconds and turn motor to OFF.
7. A damp sponge will be sufficient to wipe off the floss head and the bowl after using but be sure to unplug the unit before doing this. Never allow water to enter the floss head.

RETURNING:

Return the cotton candy machine by 12:00pm the next business day unless other arrangements have been made. When returning equipment to Biebel's, please check in at the service counter before bringing in the equipment.

FLOSS MAKING PROCEDURES

Add Flossugar only while motor is off. Then, manually spin the head to balance. This will eliminate excessive vibration of the head.

When adding sugar, always fill about 90% full.

DO NOT OVERFILL!

