

# OPERATING INSTRUCTIONS

## Controls and Their Functions (3052 Auto Breeze)

### POWER SWITCH

Two position, ON/OFF lighted rocker switch - supplies power to the Candy Switch. The green switch light ON indicates there is power to the unit.

**Immediate Power Off:** To bypass the cooling cycle and immediately remove power from the machine, turn the Power Switch OFF.

### CANDY SWITCH

Two position, lighted rocker switch - turns the motor and heating element ON/OFF.

When turned OFF, the cooling cycle will start. After one (1) minute the cooling cycle completes, and the spinner head will stop rotating. Cooling is necessary to keep carbon from forming in the spinner head.

### AUTO COOLING INDICATOR LIGHT

When lit, this amber light indicates the unit is in the cooling cycle. During the cooling cycle the spinner head will remain spinning.

If the Auto Cooling Light is blinking during machine operation, it indicates there is a low voltage supply to the machine (less than 210 VAC). The machine may not operate properly (see Troubleshooting section of this manual).





---

## Sugar for Your Candy

### Ready to Use Flossugar

Our ready to use Flossugar is the preferred sugar for your new cotton candy machine; however 100% pure cane or beet sugar will do just fine. Our Flossugar gives you good rich colors, and great flavors, too. It is packed in handy half-gallon sealed cartons, with an E-Z pour spout for filling your machine. Flossugar comes in many flavors, and you can easily change flavors for greatest variety, and best sales.

### Mix Your Own

If you want to mix your own, use our Flossine<sup>®</sup>, and please follow our directions. If you want a deeper color, slightly dampen the mixed sugar. Use a tablespoon of water per five pounds of sugar, sprinkle water over sugar, and mix well. **DO NOT USE EXCESS COLOR!** Too much color will ruin the element on your machine and could create a bitter taste to the candy. There is a limit as to how dark you can make cotton candy. That's because cotton candy is 98% air, and we cannot color the air.

### Sugar Considerations

Today 99% of the sugar manufactured is extra fine granulated, which does have some small particles which can slip thru the ribbons without being melted. If this becomes objectionable, you can seek out medium coarse or sanding sugars. The larger crystal size will require a little more heat to melt.

Read the label on the bag of sugar, today we see some free flowing sugars for restaurants. Free flowing sugars contain cornstarch which will burn onto your element/band clogging them rapidly. We have also seen some off-brand sugars that are a blend of sugar and dextrose or corn syrup. This product makes very poor cotton candy. Please make sure you get good sugar for your cotton candy machine.

# Machine Operation

## Floss Machine Operation (3052 Auto Breeze)

|   |   |
|---|---|
|  | <b>WARNING</b>  |
|   | <p>Floss head rotates at high speeds. Operator <b>MUST</b> keep hands and face clear of the floss head to avoid injury. Operator must wear eye protection. Keep all spectators at a reasonable distance, and use a Floss Bubble for added customer protection.</p> <p style="text-align: right;">015_062714</p> |

1. Follow the guidelines described in the Electrical Requirements Section for supplying power to machine.
2. With the Candy Switch OFF, turn the Power Switch ON. The spinner head will not start to rotate.
3. With the spinner head stopped, pour flossugar into the spinner head. Always fill it 90% full with sugar. This 90% level is necessary to obtain a balanced condition in the floss head. **DO NOT OVERFILL!**

**IMPORTANT: NEVER add sugar when motor is running.**

4. Turn the Candy Switch ON. The spinner head will rotate and heat. After about 30 seconds the machine will start to make cotton candy.
5. When the spinner head needs to be refilled with sugar, or to stop making cotton candy, turn the Candy Switch OFF. The cooling cycle will start. After 1 minute the cooling cycle completes, and the spinner head will stop rotating. When the spinner head is stopped, refill with flossugar. Turn the Candy Switch ON, and continue to make cotton candy.

**Note:** During the cooling cycle the spinner head will remain spinning. Cooling is necessary to keep carbon from forming in the spinner head. **DO NOT** use the Power Switch for normal operation of the machine. This will bypass the cooling cycle.

**IMPORTANT:** Failure to cool down the floss head could result in leaving melted sugar in the floss head. If the motor is restarted, this melted sugar will exit the floss head and could cause burns.

In addition, sugar left in the floss head may smoke or cause carbon build up.

**Immediate Power Off:** To bypass the cooling cycle and immediately remove power from the machine, turn the Power Switch OFF.

When completing operation for the day (or any prolonged period), follow the instructions in the Shutdown Procedure/Cleaning and Care section of this manual.



# Making Floss

Pick a cone, if it sticks in the stack of cones, twist it off the stack.

|  |                                     |
|--|-------------------------------------|
|  | <b>CAUTION</b>                      |
|  | Keep hands away from spinning head! |

031\_021914

Hold an inch or two of the pointed end of the cone between two fingers and a thumb. With a light flicking action, roll cone in the web of floss building up in the pan. Lift the cone up with the ring of floss attached and rotate the cone to wrap the floss. **DO NOT** roll floss while the cone is inside the pan. This will pack the floss too tightly. See steps 1 thru 8 shown below.

If the floss fails to stick to the cone, pass the cone near the spinner head to pick up a "starter" of melted sugar. Lift the cone out of the pan and wrap the floss with a "figure eight" movement of the hand. This leaves giant pockets and makes the final product appear larger. Make sure room humidity is not too high, or product will be "heavy".

|                                   |  |   |  |
|-----------------------------------|--|---|--|
| <b>1. Grip cone as shown.</b><br> | <b>2. Break into web of floss with the cone.</b><br> | <b>3. Wind the sugar onto the cone.</b><br> | <b>4. Lift web of floss from the pan and roll onto the cone.</b><br> |
| <b>5.</b><br>                     | <b>6.</b><br>  | <b>7.</b><br>                               | <b>8.</b><br>  |

|  |   |
|--|---|
|  | <b>WARNING</b>  |
|  | <ul style="list-style-type: none"><li>• DO NOT PUT HANDS OR OBJECTS IN ROTATING SPINNER HEAD.</li><li>• DO NOT FILL SPINNER HEAD WITH SUGAR WHILE IT IS ROTATING.</li><li>• WEAR EYE PROTECTION.</li><li>• DO NOT PUT HANDS NEAR ROTATING SPINNER HEAD.</li><li>• USE FLOSS CONE TO COLLECT COTTON CANDY.</li></ul> |

032\_021914