



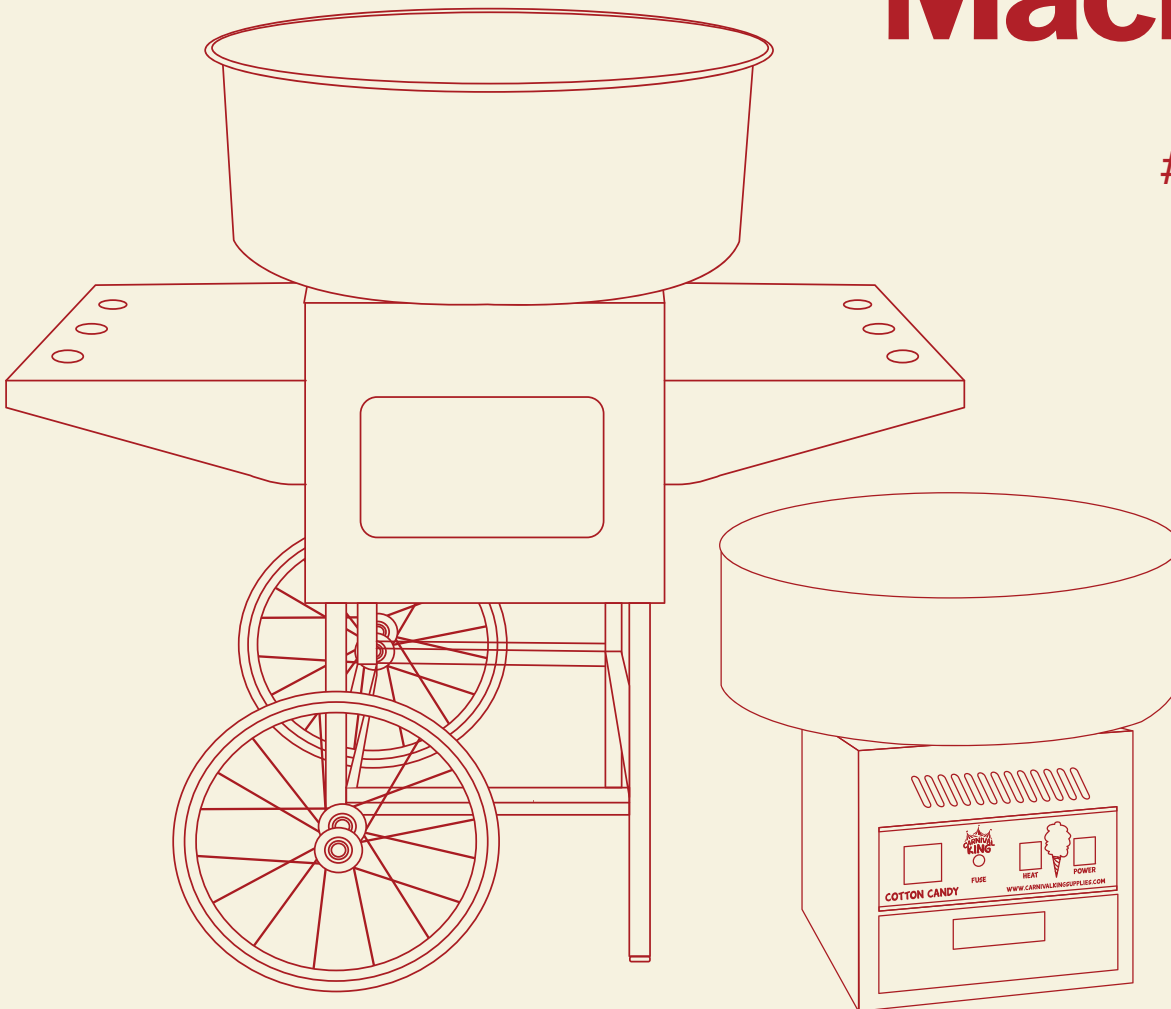
User Manual

Cotton Candy Machines

#382CCM21CT

#382CCME21

#382CCM28



NEMA 5-15



Intertek
5002274
5018325



Intertek
5002274
5018325

CONFORMS TO UL STD. 197
CONFORMS TO NSF/ANSI STD. 4
CONFORMS TO UL STD. 1026
CONFORMS TO NSF/ANSI STD. 4

05/23

Cotton Candy Machine

User Manual



General Safety Precautions

1. This manual will outline safety warnings and precautions, operating, maintenance, and cleaning. The warnings and instructions reviewed in this manual cannot cover all possible conditions and situations that may occur. Factors such as caution and common sense cannot be built into this product and it is trusted the operator will follow these measures.
2. This machine must never be modified and should only be used for its intended purpose.
3. Always check that the cotton candy machine is plugged into a grounded outlet with the appropriate electrical supply. Ensure that the wall outlet being used is properly grounded. If it is not, you must install a grounded outlet. Have the work performed only by a certified electrician who is properly qualified to meet local safety and electrical codes.
4. Before disconnecting from the power source, be sure that all switches have been turned OFF. To unplug the machine, firmly grasp the plug and remove from the outlet – never pull on the cord itself.
5. Ensure that the power outlet, plug, and cord being used are in good, working condition. Damaged components should be repaired by a certified electrician who is qualified to meet local safety and electrical codes. Even with a properly functioning power cord, keep water away from the cord and avoid letting your power cord run over carpets or heating devices.
6. If missing or broken components are found, leave the machine TURNED OFF. Do not attempt to use it. Contact a qualified service technician to make all repairs.
7. No one under 18 should operate this machine unsupervised.
8. The head operates at high temperatures and high speeds. To prevent burns and other severe injuries, keep your hands away from the spinning head. Keep loose clothing and other foreign objects (including the cone collecting the cotton candy) away from the spinning head.
9. Always use the machine in a clean and dry area.
10. Wear safety glass to prevent hard sugar crystals from harming your eyes.

Assembly (382CCM21CT Only)

1. Unpack box and remove all components from protective wrap.
2. Use one of the longer bolts and matching washer (Package A) provided to connect the long leg assembly (E) and the 2-pcs of the crossbar (D) together. Thread the 2 rests/pads into the bottom of the long leg assembly (E).
3. Connect the completed above parts (Step 1) with the wheel frame (F) by using the bolts and washers in Package A.
4. Insert wheel axis (G) into the wheel frame (F). Place washers from (Package A) onto each side of the wheels (I) and attach it with the round cap nuts with the wrench provided (Package A). You may loosen/tighten the wheels to ensure it rolls smoothly.
5. Lay the main unit on its side for convenient assembly. BE CAREFUL NOT TO DAMAGE THE FLOSS HEAD. Attach both the wheel frame (F) and long leg assembly (E) to the bottom of the main unit (J) using bolts and matching washers (Package A).
6. Turn the completed unit back to its upright position. Install the handrail (C) onto the working shelf (B) and then install the assembly on the left hand side of the main unit using bolts and washer from Package B. Then install the shelf (B) on the right hand side using bolts and washers from Package B. Install the bowl on top of the base. Make sure the bowl is not in contact with the heating head. Place floss bubble shield (optional) on top of the bowl.
7. Install the bowl on top of the base. Make sure the bowl is not in contact with the heating head. Place floss bubble shield (optional - sold separately) on top of the bowl.

Note: Continue to pages 5-6 for additional assembly instructions and diagrams.

Cotton Candy Machine

User Manual



Operating Instructions

1. Connect the power cord to the base and plug it into a grounded outlet.
Note: It's highly recommended to install a floss bowl stabilizing net (#382CCMNET sold separately) for optimal performance.
2. Switch both the "power" and "heat" switches to the ON position. Both switches will light up when turned on.
3. Allow the machine 2-3 minutes to heat up.
4. Add floss sugar directly into the well in the heating head. Do not overfill.
5. Cotton candy will begin to spin around the bowl as the heater head continues to operate. As the cotton candy accumulates, it will build up and come out through the top of the spinner head. You will need to collect the cotton candy as it comes out of the top of the unit.
6. Allow the machine to cool down for 15-20 minutes after an hour of continuous use.

Cleaning and Maintenance

1. After use be sure to turn off and unplug the machine.
2. Allow all components to cool off to a temperature that is safe to touch.
3. Wipe down the spinning head with water, a mild soap such as 147SUNBRIGHT, and a non-abrasive towel. Then wipe with water and dry completely. Note: for higher volume usage, please clean the spinning head frequently to prevent build-up of burnt sugar.
4. Remove the four screws from the top of the spinning head and remove the bowl which holds the floss sugar.
5. Wires are now exposed. Cover the opening with a towel to prevent any outside contaminants.
6. It may be necessary after heavy use to first soak the bowl in hot water and mild soap prior to step 7.
7. Wipe down the bowl with water, a mild soap such as 147SUNBRIGHT, and a non-abrasive towel. "Rinse then dry completely.
8. After all parts are completely dry, reassemble the machine.

Also available...

Floss Bubble Shield (sold separately)

#382FB21 & #382FB28

"21" (382FB21) and "28" (382FB28) floss bubbles help protect against airborne debris. Simply set on top of your 21" or 28" Carnival King Cotton Candy Machine and begin serving up delicious cones of cotton candy to your customers!



Also available...

Floss Bowl Stabilizer Net and Clips

(sold separately, except for CCM21CT)

#382CCMNET

382CCMNET floss bowl stabilizer net makes presenting neat, professional cotton candy cones a breeze! It comes with 6 clips that allow it to be easily attached to the rim of the bowl, creating a highly effective surface to which the floss can stick.



Cotton Candy Machine

User Manual



Troubleshooting

| Issues | Cause | Solution |
|---|--|--|
| Unit will not power up | 1. Some units (382CCME21) are equipped with a bowl in place switch. | 1. Confirm that all 4 clamps are locked in place. The front left clamp has a switch that must be activated for power to be supplied to the unit. 2. Confirm electrical supply. |
| Unit has power but will not heat consistently | 1. Carbon brushes maybe worn, broken, or misaligned. 2. High temperature limit protection has tripped. | 1. A qualified technician can maintain these brushes to ensure sugar is being melted correctly. 2. Allow unit to cool for 10-15 minutes. |
| Not producing floss, burning smells, poor quality cotton candy | 1. Heating head is dirty and clogged with sugar. 2. Old or expired cotton candy sugar being used. 3. Hot and humid environments can make the sugar gummy. This will result in poor cotton candy quality. | 1. Clean the heating head per instructions. 2. Purchase new cotton candy floss such as #38016005. 3. Operate the unit in a climate-controlled environment. |
| Bad Vibration | 1. Bowl is hitting the spinning head. 2. Bowl is not installed properly, unlevel, or off center. | 1. Unclamp the bowl from the base. Center head in bowl and re-clamp. 2. Make sure the bowl is installed properly and securely clamped down to the main body. 3. Make sure the machine is placed on a firm and level surface. |
| Unit has power but does not spin | 1. The drive belt isn't working properly (except for CCM21CT). 2. Motor protection has tripped. 3. Blown fuse (CCME21 and CCM28). | 1. The spinning head must be removed to inspect the belt condition. The belt must be clean and flexible and tensioned properly. 2. Allow unit to cool and then restart. 3. Replace fuse. |
| Does not produce cotton candy or the flow is being product under the bowl | 1. Place your hand a safe distance above the spinning head to confirm that air is being pushed up from the center of the unit OR you can start and stop the unit and note if the direction of rotation is clockwise. | 1. If no upward airflow is detected but the head is spinning (in counterclockwise direction) then contact Carnival King. |

Cotton Candy Machine

User Manual



Assembling Parts

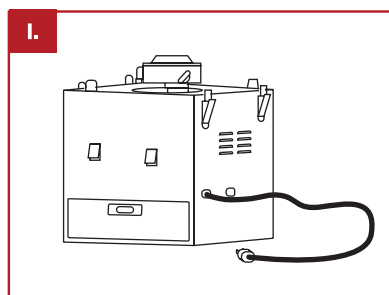
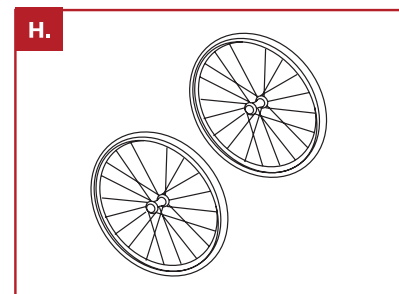
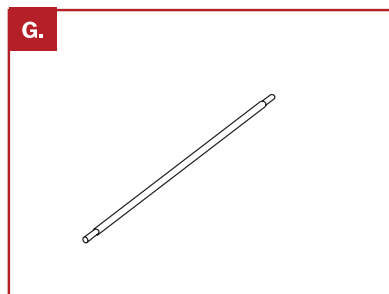
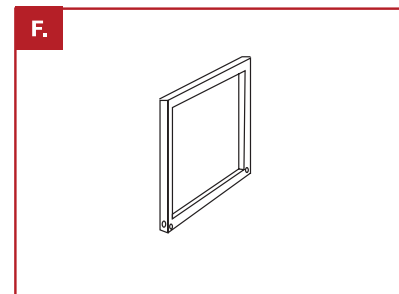
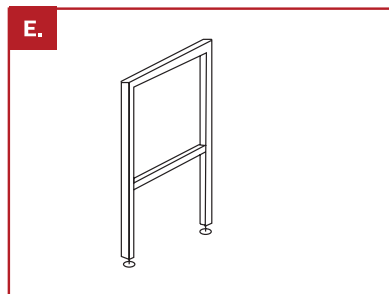
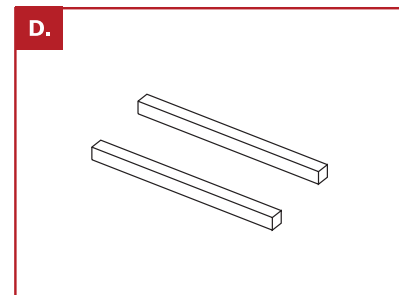
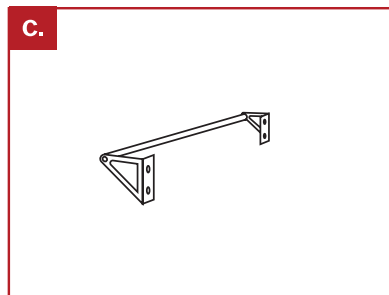
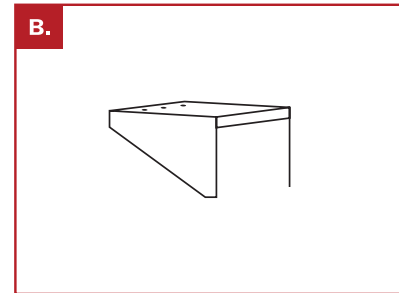
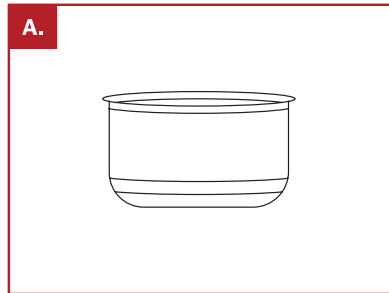
| Part Name | Quantity |
|----------------------|----------|
| A. Floss Bowl | 1pc |
| B. Shelf | 2pcs |
| C. Handrail | 1pc |
| D. Crossbar | 2pcs |
| E. Long Leg Assembly | 1pc |
| F. Wheel Frame | 2pc |
| G. Wheel Axis | 2pc |
| H. Wheels | 2pcs |
| I. Main Unit | 1pc |

Hardware Included

(12) - 6 x 16mm Bolts

(8) - 6 x 35mm Bolts

(2) - M8 Covered Nuts



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User Manual



Assembly Diagram

