Thank you for your business!

TELEPHONE: 1-502-266-6270 | USA Toll free: 1-866-266-6290 | www.ayrking.com

We trust you will find this new
Breader/Blender/Sifter
to be quiet, efficient, and durable.

Please return this completed page.
The owner is required to return this product registration information immediately.

The model and serial numbers are stamped on the nameplate located next to the machine's controls.
Double sifter tables have two different serial numbers - please list both. Please print clearly.

----------Second Fold Line----------

Place stamp here

AyrKing Corporation
2013 Cobalt Drive
Louisville, KY 40299-2417
USA

----------First Fold Line------Seal with tape------Do not staple----------

Store Name: _____ Store I.D.#: _____

Address: _____

City: _____ State/Province/Region: _____

Country: _____ Postal Code: _____

Telephone: _____ Fax: _____

Store Owner: _____

Model: _____ Serial Number(s): _____

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AyrKing, LLC
2013 COBALT DRIVE
LOUISVILLE, KY 40299 USA

TELEPHONE: 1-502-266-6270 | USA Toll free: 1-866-266-6290 | www.ayrking.com

BREADER/BLENDER/SIFTER

Operation, Maintenance, and Warranty

For Model Number BBSUL3134CS

Read this manual thoroughly before operating machine.
The model and serial numbers are on the data plate mounted on the machine.
Record the model and serial numbers below.

Refer to these numbers in any correspondence with AyrKing, LLC.

Model _____

Serial Number(s) _____

Note: All procedures listed on these pages are general use guidelines.
Please refer to your company procedures for exact instructions.

IMPORTANT SAFETY INSTRUCTIONS

Read all instructions before operating. When using electrical appliances, basic safety precautions must be followed. Use this appliance only for its intended use as described in this manual. Verify that appliance is properly installed and electrically grounded by a qualified technician in accordance with local electrical codes. Do not attempt to repair or replace electrical components. A qualified technician should complete all servicing to these components. Before performing any service, disconnect the machine's power supply. Never wear loose-fitting or hanging garments while using any appliance. Ties, necklaces, etc. may catch on moving parts…possibly causing injury.

CAUTION - Risk of fire and/or electrical shock. Replace only with manufacturer's cord set. Specified plug type is required at time of purchase. Different power cords are available for other countries; additional charges may apply.

DO NOT SPRAY MACHINE WITH WATER

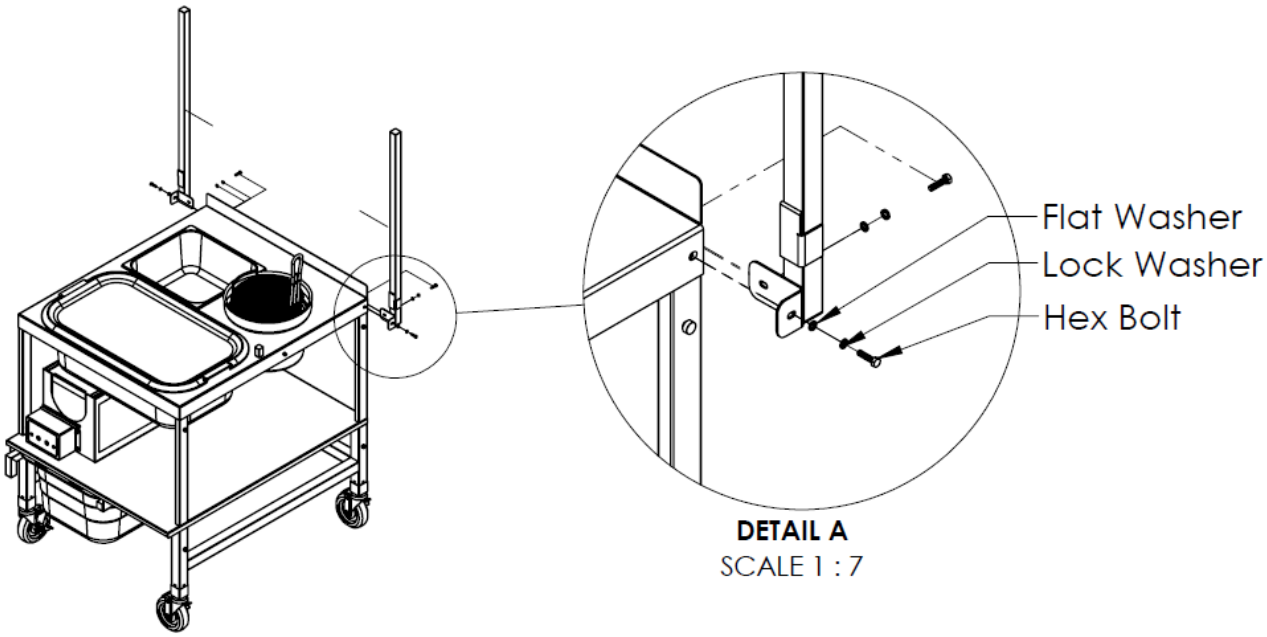
Machine is designed to shed water & dust; however**, IT IS NOT WATERPROOF**.

Updated: 02/2026

BBSUL3134CS BACK PANEL ASSEMBLY

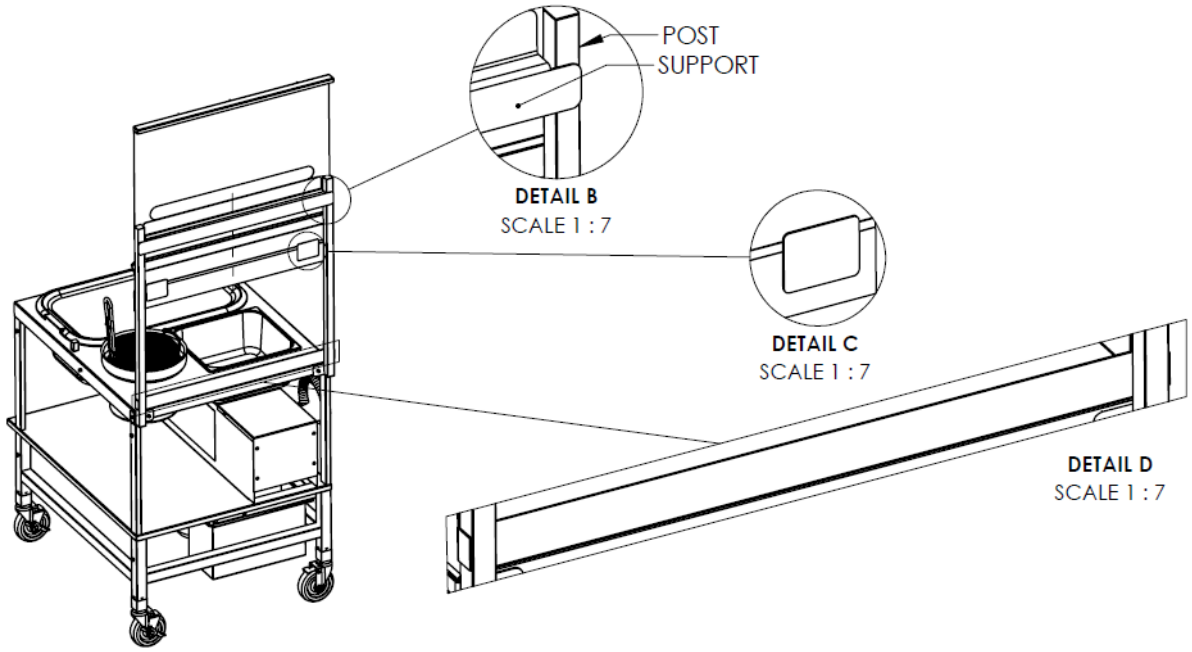
TOOLS REQUIRED:

- 5/16" (8MM) SOCKET WRENCH OR ADJUSTABLE WRENCH



DETAIL A
SCALE 1 : 7

STEP 1: ALIGN AND INSTALL BACKPANEL POSTS. NOTE THAT THEY ARE UNIQUE TO LEFT + RIGHT SIDE. USE THE WASHERS AND HEX BOLTS PRE-INSTALLED IN THE SIFTER BODY, TO SECURE IT TO THE SIFTER AND TIGHTEN WITH THE 5/16" (8MM) SOCKET WRENCH OR ADJUSTABLE WRENCH.
SEE **DETAIL A** FOR ORDER OF INSTALLATION. 2 INSTALLATION POINTS PER POST.



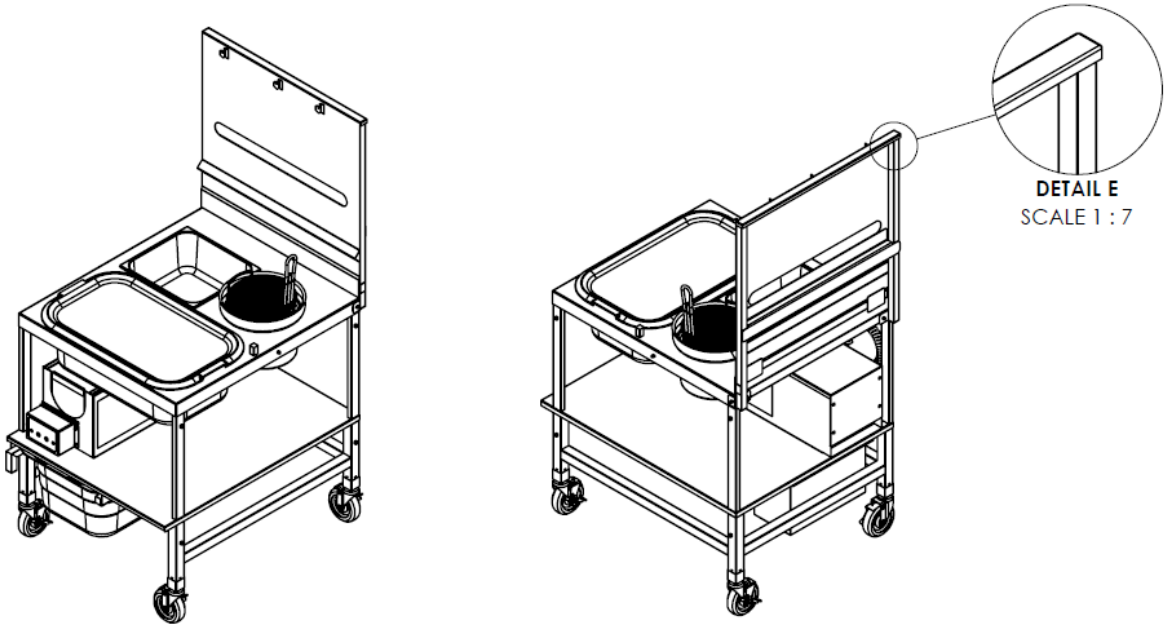
DETAIL B
SCALE 1 : 7

DETAIL C
SCALE 1 : 7

DETAIL D
SCALE 1 : 7

STEP 2: INSTALL BACK PANEL, STARTING FROM ABOVE THE SIDE POSTS, ENSURING THE SUPPORT, HIGHLIGHTED IN **DETAIL B**, IS BEHIND THE POSTS. AND THE LIP HIGHLIGHTED IN **DETAIL C**, GOES OVER THE PORTION OF THE SIFTER IN **DETAIL D**. THE TOP OF THE BACKPANEL COVERS THE TOP OF THE SIDE POSTS AS SHOWN IN **DETAIL E** IN NEXT PAGE.

BBSUL3134CS BANK PANEL ASSEMBLY CONT.



COMPLETED ASSEMBLY

OPERATION

(Numbers in parenthesis refer to parts view drawings)

ASSEMBLY:

- Begin each day with all components clean and thoroughly dry.
- Place lug (2) in bottom rails (7), tight against backstop.
- Place 1/3 size/dough ball pan (6) in rails (7) underneath motor compartment.
- Position sifter screen (8) so that the end with pivot pin is located away from motor compartment.
- Install brush (9), mating the end with the square hole onto the square drive coupling (21) and press brush towards the motor until opposite end of brush shaft clears pivot pin located on sifter screen (8). Center brush shaft hole on pivot pin then release brush. Rotate brush by hand to assure proper installation.
- Place brush cover/lug support (12) over brush (9) so that brush cover hole is away from motor compartment.
- Place lug with hole (2) into sifter enclosure, aligning lug hole with brush cover (12) hole/collar. Install lug plug (4) over hole in lug.

BLENDING:

- Place flour and spices in top lug (2). Press start button (26). While brush (9) is in motion, remove lug plug (4) and slowly push breading through lug hole.
- Replace lug plug (4) over hole in top lug (2). After breading has passed through sifter screen (8) and brush (9) has stopped rotating, pull out lug drawer (7), remove bottom lug (2), and pour breading into top lug (2). This model has a bottom lug with hole (2) and lug plug (4), therefore simply interchange the top and bottom lugs.
- Replace bottom lug (2) tightly against backstop. Repeat steps for second blending of breading.

SIFTING:

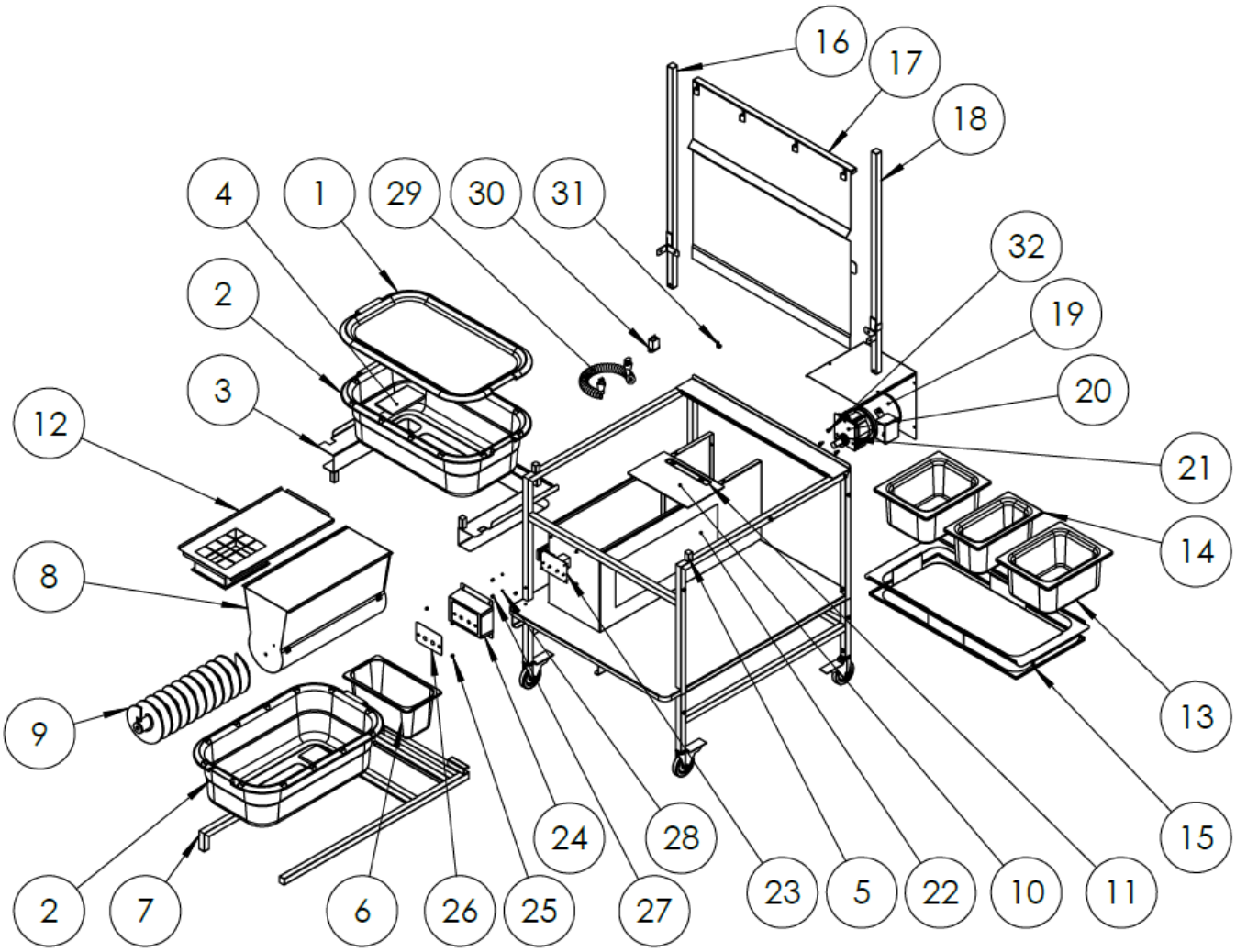
- Sifting is required after dough balls form during hand breading of product. Press start button (26). While brush (9) is in motion, remove lug plug (4) and push breading slowly through lug hole.
- Replace lug plug (4) over hole in top lug (2). After breading has passed through sifter screen (8) and brush (9) has stopped rotating, remove bottom lug (2) and pour breading into top lug (2). This model has a bottom lug with hole (2) and lug plug (4), therefore simply interchange the top and bottom lugs.
- Replace bottom lug (2) tightly against backstop. Occasionally empty dough ball pan (6) into trash. Repeat above steps as often as needed.

DAILY CLEANING

(Numbers in parenthesis refer to parts view drawings)

- Always disconnect power supply when servicing or cleaning machine. **NEVER SPRAY MOTOR COMPARTMENT WITH WATER.**
- Remove top & bottom lugs (2), lug plug (4), brush cover (12), brush (9), sifter screen (8), and dough ball pan (6). Take all items to the wash sink.
- Clean table and sifter enclosure with a towel soaked in detergent/water solution. Be sure to clean all crevices. Wipe off soapy solution using water rinsed towel until all surfaces are clean. Soak towel in sanitizing solution (or bleach/water solution) and wipe all surfaces thoroughly.
- In wash sink, spray all removed items with hose to dislodge any breading. Soak all components in dish washing detergent and water solution.
- Brush can be cleaned by using a round brush to remove soil.
- After cleaning brush (9), rinse in detergent solution and soak in sanitizing solution for five minutes.
- After soaking, remove brush (9) and shake away excess moisture. Place brush on square post (5) located on top of table by standing on end. Allow to fully air-dry before reinstalling brush (9).
- Clean the sifter screen (8) and brush cover (12) in the detergent/water solution with a towel or scrub pad if required. Rinse off detergent solution. Soak items in sanitizing solution for one minute.
- Rinse dough ball pan (6) and replace in sifter. Reinstall sifter screen (8). Place brush cover (12) on tabletop. Allow all components to thoroughly dry before re-using.
- Clean the lugs (2) and lug plug (4) in sink with towel or scrub pad if required. Rinse off detergent solution. Place items in sanitizing solution and soak for one minute. Place items upside down on tabletop to air-dry. Allow all components to thoroughly dry before re-using.

BBSUL3134CS PARTS VIEW



BBSUL3134CS PARTS LIST

ITEM	PART #	DESCRIPTION [NOMINAL SIZE]
1	B325	LUG COVER, WHITE PLASTIC – [26”(660mm) X 16”(406mm)]
2	B302	LUG WITH HOLE, WHITE PLASTIC – [26”(660mm) X 16”(406mm)]
3	B700	STAINLESS BREADING LUG HOLDER – [30”(762mm) X 16”(406mm)]
4	B101S	LUG PLUG, RED PLASTIC
5	B219	BRUSH POST (LOCATED ON TOP OF TABLE)
6	B104	STAINLESS 1/3 SIZE PAN, 6” DEEP [7”(178mm) X 12.75”(324mm)]
7	B707H	SLIDING LUG TRAY FOR BBSUL3134 W/ HANDLE
8	B702	SIFTER SCREEN, 20” FOR BBSUL3134
9	B150S	SIFTER BRUSH ASSEMBLY, BLACK BRISTLES, 20” (508mm) LONG
10	B705	ORANGE RUBBER SCREEN SEAL FOR BBS FLEX
11	B706	METAL FASTENER FOR ORANGE RUBBER SEAL ON BBS FLEX
12	B701	20" BRUSH COVER W/ 3” COLLAR, W/OUT ROD
13	CM110102	COLDMASTER® FOOD PAN 1/2 SIZE - WHITE
14	CM110202	COLDMASTER® FOOD PAN 1/3 SIZE - WHITE
15	B716	COLD STORAGE PLATE [31”(787mm) X 13.5”(343mm)]
16	B713	RIGHT BACKPANEL POST FOR BBSUL3134
17	B711	BACKPANEL FOR BBSUL3134
18	B712	LEFT BACKPANEL POST FOR BBSUL3134
19	B117	PARALLEL SHAFT GEAR MOTOR - 115/230 VOLT, 50/60 Hz
20	B207	MOTOR COMPARTMENT SEAL
21	B206	DRIVE COUPLING ASSEMBLY
22	B121	INSTRUCTION LABEL
23	B530	CIRCUIT BOARD TIMER RELAY - 120/240 VOLT, 50/60 Hz
24	B316	CONTROL BOX FOR BBS FLEX MODELS
25	B402	ACORN NUT – TIMER CONTROL BOX
26	B531	CONTROL PANEL OVERLAY STICKER
27	B532	NYLON WASHER/SPACER SET FOR B530
28	B533	NUT FOR B530 TIMER BOARD
29	B319	COILED POWER CORD, NEMA 5-15 PLUG 120V USA&CANADA [120” (3048mm)]
30	B145	RECEPTACLE – UNIVERSAL 120/240V THREE-PRONG MALE W/ NOISE FILTER
31	B146	P-SHAPED PLASTIC CLIP TO AFFIX POWER CORD TO SIFTER
32	B403	BOLT - MOTOR ASSEMBLY

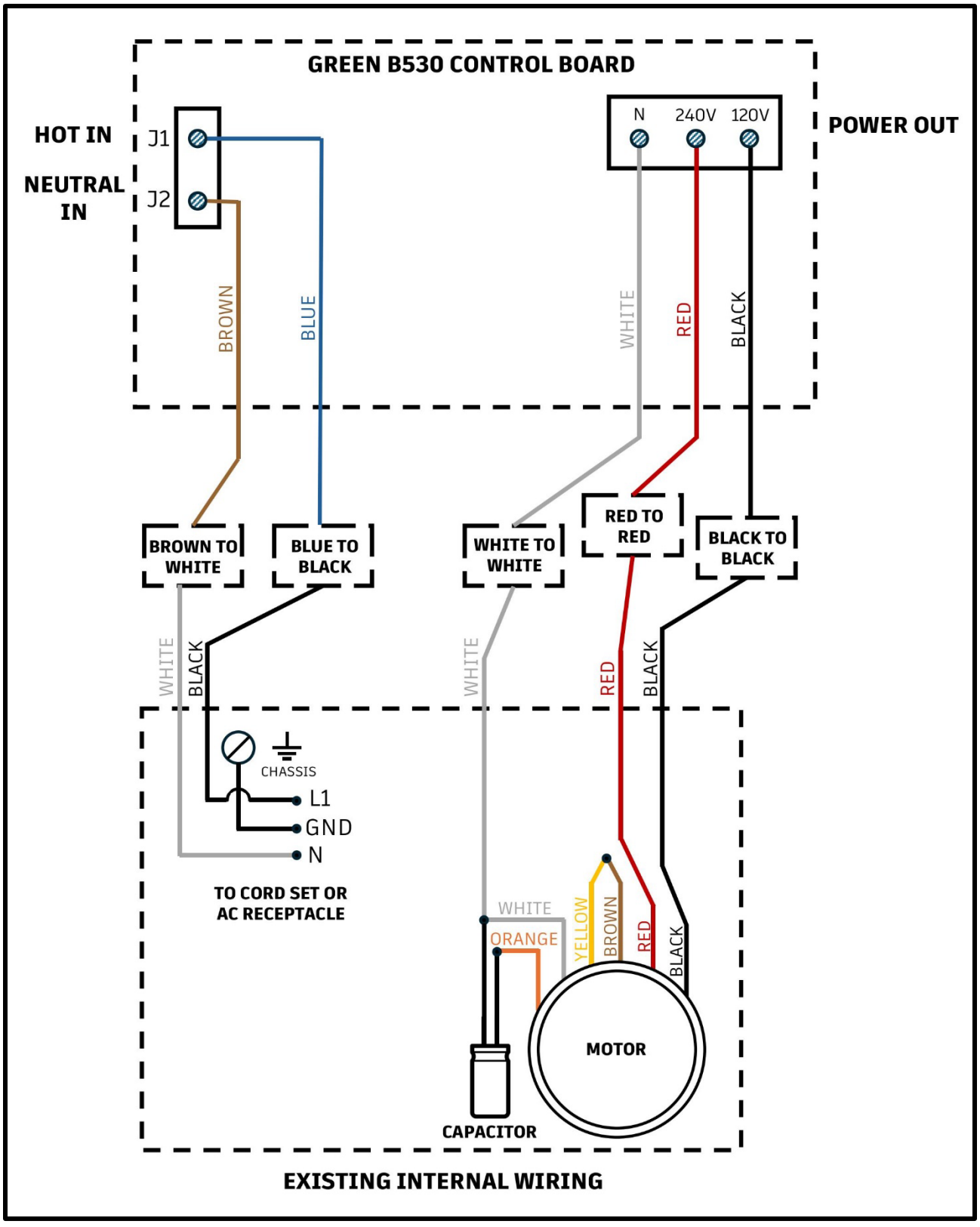
PROBLEM SOLVING GUIDE

Many problems have a simple solution. Please use this guide to help resolve operational difficulties. Visit www.ayrking.com/maintenance/ for DIY Guides.

Contact AyrKing Corporation if unable to correct any problem.

PROBLEM	POSSIBLE SOLUTIONS
Flour on floor.	Push the bottom lug tight against backstop. Check dough ball pan level and empty if full.
Dough balls in sifted breading.	Check proper position of brush cover. Check dough ball pan level and empty if full. Check that the end of the screen with the pivot pin is positioned tightly against the sifter enclosure. Inspect screen for damage; Replace if necessary.
Excessive flour in dough ball pan.	When the brush is new (the first few days of operation), this is normal until brush develops a set. For the first few days of operation, push flour into brush area slower. Verify that holes in brush cover and in top lug are at the opposite end of the screen from the motor compartment. Brush may be worn out, replace with new brush.
Brush and/or screen clogged with flour. Brush is not in proper contact with screen.	Make certain that the brush and sifter screen are thoroughly dry before use. Check brush for flattened bristles. If evident, wash brush in hot water and air-dry on brush post in vertical position. (Never lay brush in flat position to dry). This is recommended only as a procedure to straighten flattened bristles. Usually, bristles should not be subjected to hot water. If this fails to cure the problem, replace brush. (Note: daily cleaning and thorough, proper drying extend brush life). Brush may be worn out, replace with new brush.
Dough balls in sifter screen.	Check dough ball pan, empty if full. Check dough ball chute for obstructions
Motor will not operate.	Check power source (plug, circuit breaker, frayed wires, etc.). Verify proper mechanical motion of start push button. Have a qualified technician check operation of components.

ELECTRICAL SCHEMATICS



TERMS AND CONDITIONS

Description

This warranty is in effect for AyrKing equipment used within North America. See the International Claims section for warranty claims outside of North America. AyrKing warrants that the AyrKing equipment shall be free from original defects in workmanship and material, provided the equipment has been properly stored, installed, serviced, maintained, and operated. AyrKing extends this warranty to the original purchaser only. This warranty specifically covers the mechanical and electrical components for our equipment.

Registration

The end user must register ownership of their equipment with AyrKing Corporation by returning the warranty card supplied with the machine or registering their equipment on the AyrKing website at https://parts.ayrking.com/register.

Coverage

This warranty provides non-prorated replacement of defective components and labor coverage. This warranty begins on the date of first use or 60 days (about 2 months) from the date of shipment from AyrKing's warehouses, whichever occurs first unless proof of installation can be provided. **The parts warranty is in effect for 12 months. The labor warranty is in effect for 90 days (about 3 months).**

The manufacturer's obligation under this warranty shall be the replacement or repair of defective parts within the warranty period. Excessive labor (more than 1/2 hour) required to access AyrKing equipment built into cabinets, tables, or structures by others, is NOT covered under this labor warranty. All labor shall be performed during regular working hours. AyrKing will not reimburse overtime premiums.

If, upon inspection, it is determined that this AyrKing equipment has not been properly installed, used appropriately, modified or maintained, the warranty will be void. If the equipment has been subjected to misuse or misapplication, neglect, abuse, accident, damage during transit or delivery, fire, flood, riot or acts of God, then this warranty shall also be void. When any situation occurs which voids the warranty then AyrKing shall not be liable for any damage to any person or any property which may result from the use of the equipment thereafter. The warranty is limited to AyrKing manufactured equipment only and does not apply to other equipment which may be connected to or installed within.

Claims

Notify AyrKing of any performance failure (1-502-266-6270). Specify model and serial number of the equipment when contacting AyrKing. AyrKing personnel will help in evaluating the cause of failure, ship any necessary replacement components, and authorize a service agency call if applicable. Replacement components will be supplied and shipped at no cost (via least expensive route) to the end user if they return the defective part within two weeks (if required by AyrKing). AyrKing reserves the right to test and evaluate the failed part to determine whether the failure is covered by this warranty. If AyrKing does not receive defective components within two weeks of replacement part shipment (if required by AyrKing) or if the failure is determined not to be covered under this warranty, AyrKing will invoice the end user for the replacement part, shipping costs, and labor charges if applicable.

****AyrKing will reimburse up to 1 hour of labor charges. Contact AyrKing tech support for approval if any repair will take over 1 hour to complete.** 502-266-6270 Tech Support

****AyrKing reserves the right to deny all labor (time) charges considered excessive for any repair.**

TERMS AND CONDITIONS (CONTINUED)

****AyrKing will not reimburse the cost of warranty parts bought from other vendors or parts suppliers.**

International Claims

Please contact your kitchen equipment supplier to process warranty claims. AyrKing will reimburse the supplier for warranty repairs. The parts warranty is in effect for 12 months. The labor warranty is in effect for 90 days.

Missing or damaged Items

Claims of items missing from a shipment or damaged in transit must be reported within five (5) business days of receipt of the merchandise. Anytime you receive items, please take some time to carefully inspect the equipment. Each shipment will include a packing label on the box. Please verify the receipt of all items listed on the packing label.

Order Cancellation

- **Unshipped Order**: If the order is still open in AyrKing's system, please contact AyrKing's customer care team to cancel the order. The customer may not be charged any shipping or restocking fees if the order has not been prepared or shipped.
- **Shipped Order**: If the customer order has already shipped, the customer may refuse the shipment when it arrives, or the customer can accept the order and start a return authorization through AyrKing's return process. When a shipment is refused, it will come back to AyrKing's warehouse, and the customer will be charged a restocking fee and any shipping fees associated with the return.
- **Received Order**: If the customer already received their purchased item(s), the customer must contact AyrKing's customer appreciation team to start a return. The customer will be provided with a return authorization number and instructions on how to ship their items back.

Standard Returns

Unused, regularly stocked items may be returned by contacting AyrKing's customer relations team within **90 days (about 3 months)** of the invoice date. A representative will create a return authorization and provide further instructions for completing the return process. Each return is subject to a 20 percent restocking fee which will be deducted from the refund amount. The customer will also be responsible for securing a shipping agent to return the merchandise, plus all shipping fees are incurred.

Restocking Fees

There are many costs involved in processing a return. AyrKing charges a 20 percent restocking fee for all items returned.