



Hot Dog Roller Grills

Model: 177RG1830, 177RG1830NS, 177RG1850NS,
177RG1830SLT, 177RG1850SLT

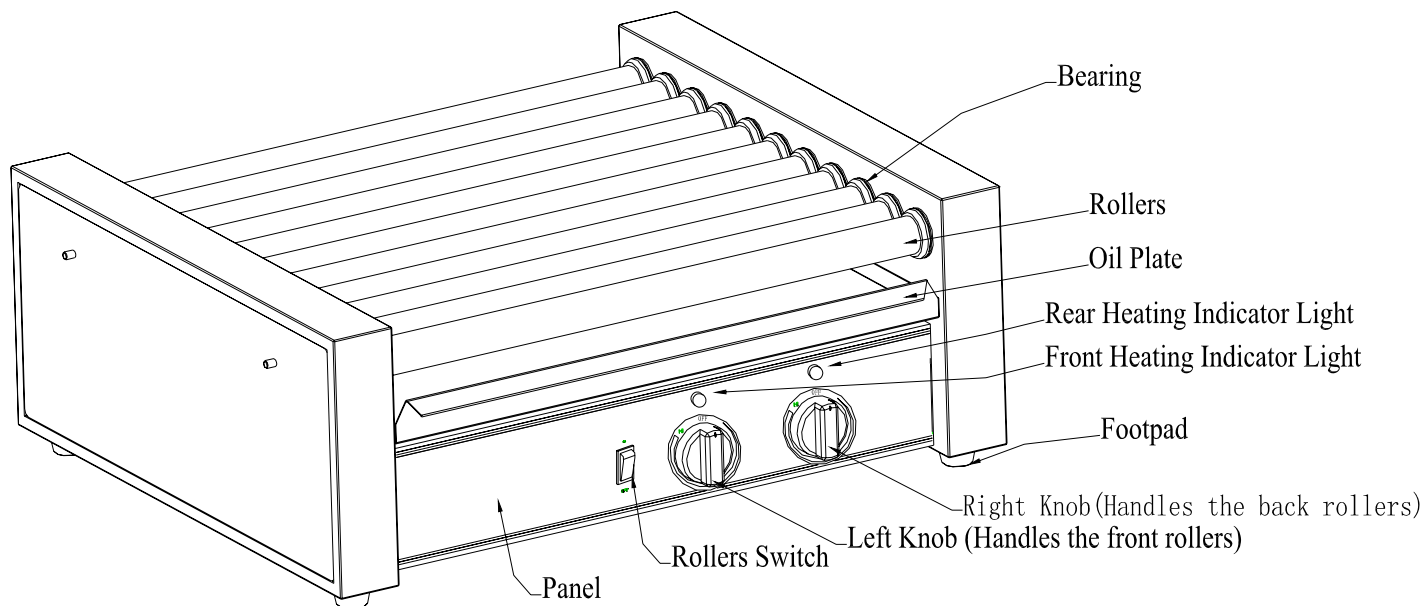
02/2024

Please read and keep these instructions. Indoor use only.

Product Features

1. Avantco Equipment's hot dog roller grills feature convenient temperature controls, making them energy efficient and power saving.
2. The high torque motor drive system is designed for long-lasting durability.
3. The seven and eleven roller grills have separate controls for front and back rollers.
4. The base is made of stainless steel with an extractable stainless steel oil plate, which keeps the machine easy to clean.
5. Teflon seals prevent grease from entering the base and coming into contact with the motor and drive chain.

Parts Identification



Technical Specifications

Model	Dimension (inches)	Voltage (V)	Power (W)	Hot Dog Quantity
RG1830	22.875" x 18.25" x 8.75"	120V/60HZ	910W	30
RG1830NS	22.875" x 18.25" x 8.75"	120V/60HZ	910W	30
RG1830SLT	22.75" x 17.75" x 11"	120V/60HZ	910W	30
RG1850NS	34.65" x 18.30" x 8.75"	120V/60HZ	1460W	50
RG1850SLT	34.65" x 18.30" x 11"	120V/60HZ	1460W	50

Important Safeguards

1. Thoroughly read this instruction manual prior to first use.
2. Do not submerge unit and/or cord in water or any other liquids. Failure to heed this warning may result in electric shock, unit damage, and/or bodily injury.
3. Close supervision is suggested when unit is in use, especially when children are present.
4. Check to ensure unit is in off position and unplugged when not in use or prior to cleaning. Allow grill to cool completely before cleaning.
5. Do not operate if the machine suffers serious damage or malfunctions. Contact dealer for repair or adjustment.
6. It is recommended that you use only manufacturer-issued parts and accessories with this unit. Using unapproved parts may result in damage or injury. This will also void the warranty.
7. Do not use outdoors.
8. Do not let cord hang over the edge of table or counter. Do not let it touch any hot surfaces.
9. Do not place appliance on or near gas or electric burners or heated ovens.
10. Securely insert plug into outlet. When unplugging, be sure to remove plug only. Never pull by the power cord.

Installation

1. To avoid equipment or electrical damage, make certain that the nameplate voltage is the same as the outlet voltage.
2. Electrical and grounding connections must be in compliance with the applicable portions of the electrical code.
3. Prior to first use, it is recommended that you clean the rollers of the machine with a soft cloth.

Operation Guide

1. Evenly place unfrozen hot dogs on the rollers.
2. The left knob controls the front rollers and the right knob controls the back rollers. Both rows may be used for operation during high volume use.
3. Turn the roller switch on the control plate to "ON." This switch controls the rotation of the rollers.
4. Turn the knob to the desired heat level. After 40 minutes of heating the hot dogs, turn the temperature control knob on low to continuously keep warm.
5. The heating duration depends on the hot dogs' quality. Please adjust as needed or required. Average heating duration is 40 minutes. This may vary.

Cleaning Instructions

1. To avoid electric shock or scalding, unplug the power cord and allow the unit to cool before cleaning.
2. Do not submerge the hot dog grill in water or directly apply liquids to clean unit.
3. When cleaning the rollers, wipe from the end of the rollers to the center. This will reduce grease and particles from getting into the bearings. Proper cleaning may extend the life of the unit and extend the period between routine maintenances.
4. For product with high fat or sugar content, clean the rollers every 3-4 hours.
5. Remove the hot dogs from the rollers when cleaning. Do not touch the heated rollers directly, as this may result in burning or scalding.
6. Do not clean rollers with abrasive cleaners or scouring pads, because this may damage the rollers surface and the particles may get into the bearing.



Attack tough grease, oil, and carbon with this ready-to-use carbonizer and degreaser. Its unique formula is designed to clean ovens, grills, hoods, and a wide variety of other surfaces.

Suggestions

1. Hot dogs must be fully unfrozen.
2. Do not leave hot dogs on the grill too long to ensure the best results. If warming for more than four hours, the hot dogs may become thick and hard.

Conversion Instructions: Rear-Mounted Controls

Convert your Slanted Avantco Hot Dog Rollers (177RG1830SLT or 177RG1850SLT) into rear-mounted control models.

Rear-mounted controls are great for boosting impulse sales at concession stands or convenience stores. Rear-mounted controls are perfect for buffets, MTO stations, or self-serve areas. The placement of the controls helps prevent guests from tampering with them or from accidentally changing any settings.

Recommended: Professional electrician recommended for conversion. Improper conversion may result in void of warranty.

1. Carefully flip the machine so that the rollers are on the table or working surface. (Fig. 1)
Note: Rollers or motor may shift; please be ready to adjust rollers after conversion. Follow step 1B only if chain is visibly loose or rollers are not turning.

1B: If needed, slightly loosen the (4) motor screws (circled Fig. 2), and then carefully push the motor down, creating tension in the chain. Re-tighten screws.

2. Take off the bottom base.
3. Remove the plate without controls. (Fig. 3)
4. Remove the plate with controls. (Fig. 4)
5. Carefully pull the control panel with controls through the front opening, slowly moving it through the body of the machine and moving it from the front to the back and out the back opening. (Fig. 5)

Reminder: Zip ties keeping the wires neat may need to be removed for this conversion. Please use new zip ties (or other wire management solution) once conversion is complete to keep wires neat.

6. Once you've carefully pulled through the back opening, align the plate and secure it with the same screws you removed. (Fig. 6)

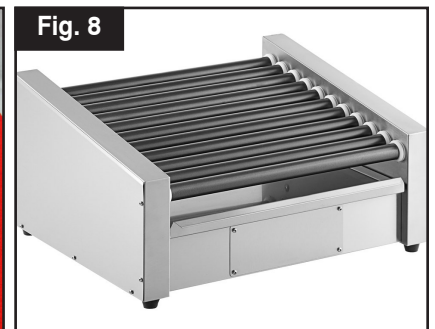
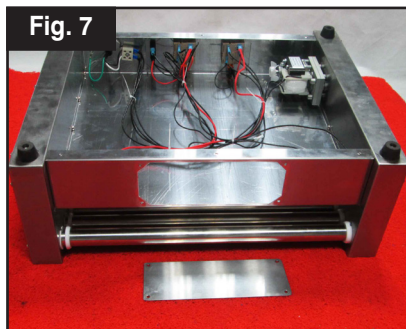
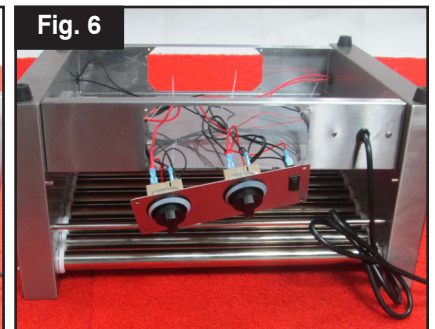
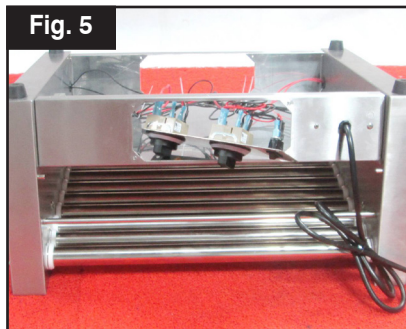
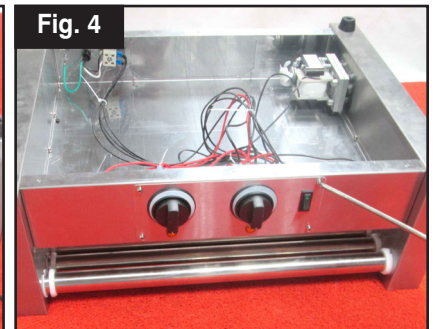
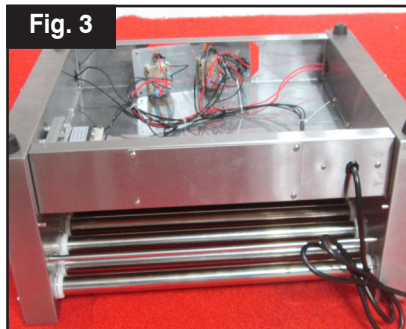
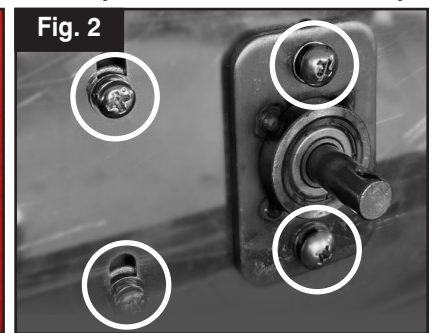
Reminder: Ensure you have the control panel the right way up.

7. Straighten out the internal wires and use zip ties (or other wire management solution) to ensure wires are neat and tidy. Then secure the blank plate to the front. (Fig. 7)

Reminder: Visually inspect the wires to ensure no loose wires are near the fan or motor.

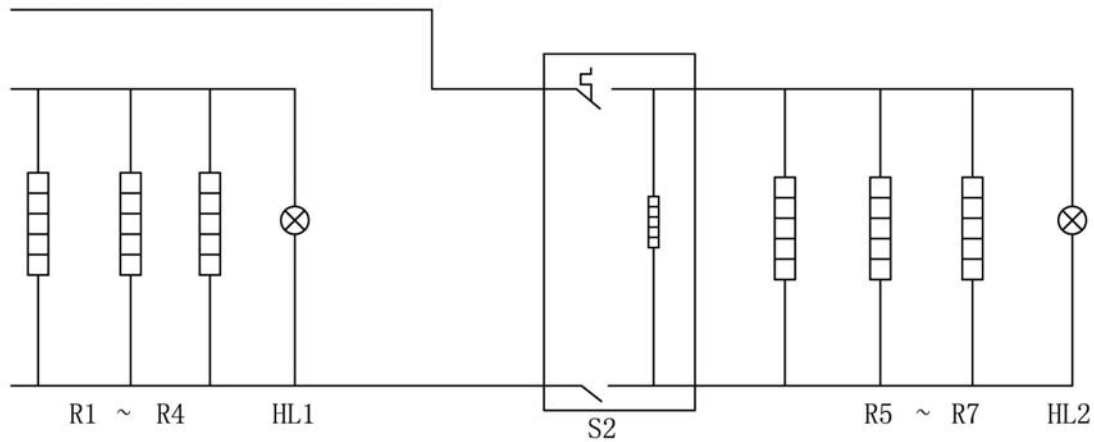
8. Re-attach the base bottom and the conversion is complete. (Fig. 7)

Reminder: Adjust rollers if necessary, as well as wipe clean your machine before use. (Fig. 8)

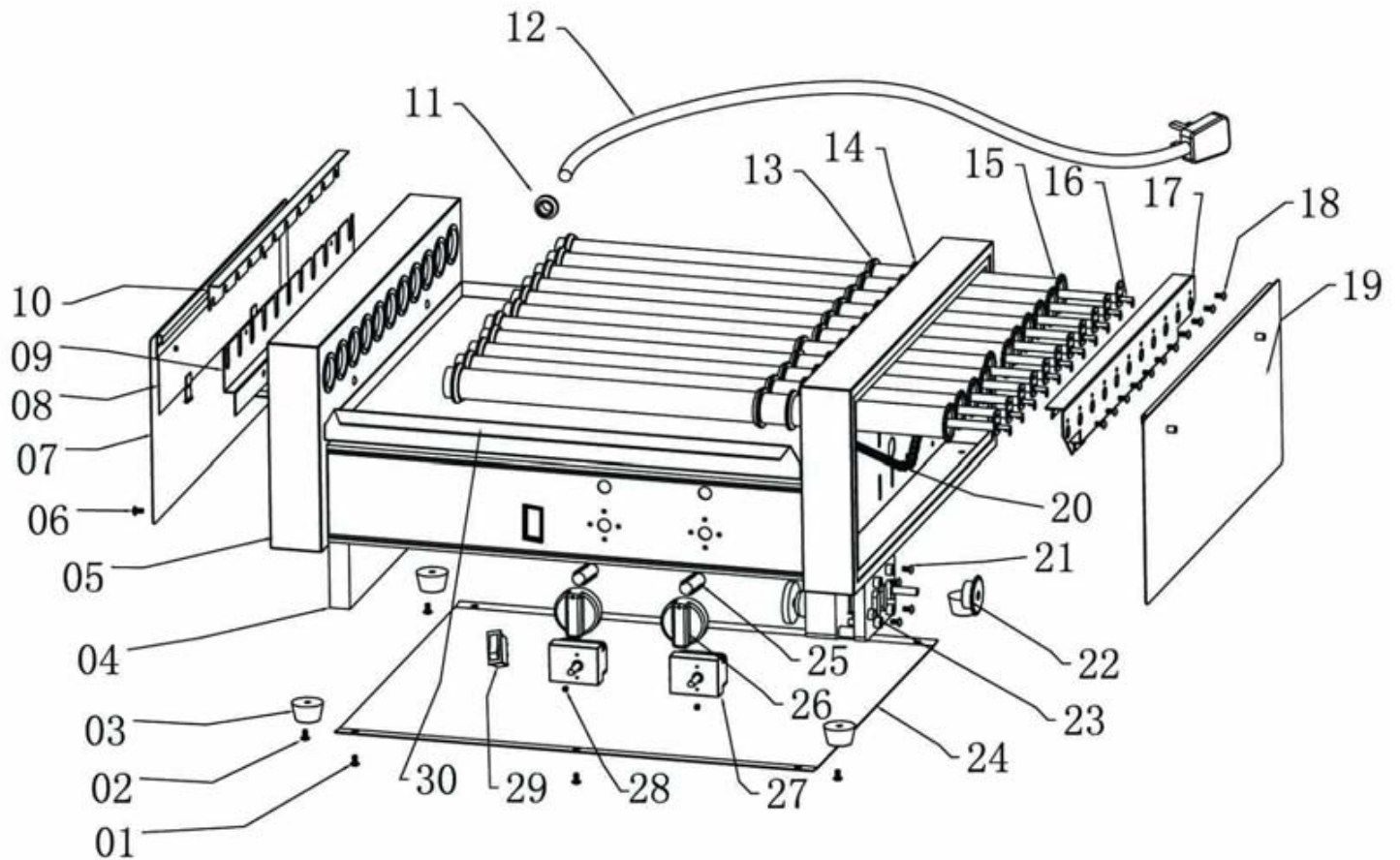


Circuit Diagram

RG1830



Parts Diagram



Parts List

No.	Name	Specification	Qty. (PCS)
1	Bolt	M4 x 8, galvanized	6
2	Bolt	M5 x 16, stainless steel	6
3	Foot	Rubber	6
4	Glass cotton	Glass cotton	2
5	Housing	Stainless steel	1
6	Round head screw	M4 x 8, stainless steel	4
7	Side board	Stainless steel	1
8	Insulated plate		2
9	Heating element supporter	Aluminum plated	1
10	Heating element supporter	Aluminum plated	1
11	Coil	Plastic	1
12	Power cord with plug	16#cord, NEMA 5-15 PLUG	1
13	Tube	1 ¹ / ₂ " x 1 ¹ / ₄ "	18
14	Tube pin	1 ¹ / ₂ " x 1 ¹ / ₈ "	18
15	Tube with wheel	1 ¹ / ₈ " x 19 ³ / ₄ "	9
16	Heating element	120V, 80W	9
17	Heating element fixer	Stainless steel	1
18	Bolt	M4 x 8, galvanized	9
19	Side board	Stainless steel	1
20	Chain	3.2 mm	1
21	Bolt	M4 x 8, galvanized	4
22	Motor wheel		1
23	Motor	120V, 5.6 round/min	1
24	Mesh supporter	Plastic	8
25	Indication light	16A, 250V (yellow)	2
26	Switch	41	2
27	Thermostat	EGO	2
28	Bolt	M4 x 6, galvanized	4
29	On/off		1
30	Oil pot		1