



DESIGNED SMART. BUILT SOLID.®

## INSTALLATION AND OPERATING INSTRUCTIONS

### Horizontal Conveyor Toaster

Model: AT Express

INTENDED FOR OTHER THAN HOUSEHOLD USE



**WARNING: California Residents Only.** This product can expose you to chemicals including chromium which is known to the State of California to cause cancer and birth defects or other reproductive harm. For more information go to [www.P65Warnings.ca.gov](http://www.P65Warnings.ca.gov).



**FOR YOUR SAFETY:** Do not store or use gasoline or other flammable vapors and liquids in the vicinity of this or any other appliance.



**WARNING:** Improper installation, operation, service or maintenance can cause property damage, injury or death. Read and understand these instructions thoroughly before positioning, installing, maintaining or servicing this equipment.

Initial heating of appliance may generate smoke or fumes and must be done in a well ventilated area. Overexposure to smoke or fumes may cause nausea or dizziness.

APW Wyott® cooking equipment has been engineered to provide you with year-round dependable service when used according to the instructions in this manual and standard commercial kitchen practices.



P/N 93300045 REV A 09/18

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## SAFETY PRECAUTIONS



Before installing and operating this equipment be sure everyone involved in its operation is fully trained and is aware of all precautions. Accidents & problems can result by a failure to follow fundamental rules and precautions.

The following words and symbols, found in this manual, alert you to hazards to the operator, service personnel or the equipment. The words are defined as follows:



 **DANGER:** This symbol warns of imminent hazard which will result in serious injury or death. 



 **WARNING:** This symbol refers to a potential hazard or unsafe practice, which could result in serious injury or death. 


 **CAUTION:** This symbol refers to a potential hazard or unsafe practice, which may result in or moderate injury or product or property damage 



 **NOTICE:** This symbol refers to information that needs special attention or must be fully understood even though not dangerous. 



### 1. IMPORTANT SAFETY INSTRUCTIONS



 **IMPORTANT:** Read the following important safety instructions to avoid personal injury or death, and to avoid damage to the equipment or property. 



 **WARNING:** Do not allow untrained personnel to operate the toaster. 



 **NOTICE:** Do not use toppings (butter, etc.) on product as product is inverted during normal operation. 



 **WARNING:** To avoid any injury, turn the power switch off at the fuse disconnect switch/circuit breaker or unplug the unit from the power source and allow to cool completely before performing any maintenance or cleaning. 



 **WARNING:** An earthing cable must connect the appliance to all other units in the complete installation and from there to an independent earth connection. 



 **WARNING:** Unit is not waterproof. DO NOT submerge in water. Do not operate if it has been submerged in water. Do not clean the unit with a water jet. 



 WARNING: Operating toaster without legs invalidates any warranty claims. 



 WARNING: Operating the toaster without the Reflector Tray reduces the toasting capabilities. 



 WARNING: Neglecting to keep fan opening clean could result in toaster failure. 



 WARNING: APW Wyott® toasters are designed, built, and sold for commercial use. If positioned where the general public can use them, make sure that all cautions, warnings, and operating instructions are clearly posted near each unit to insure proper operation, reduce the chance of personal injury and/or equipment damage. 

 WARNING: Plug unit into a properly grounded electrical outlet of the correct voltage, size and plug configuration. If the plug and receptacle do not match, contact a qualified electrician to determine the proper voltage and size and install the proper electrical outlet. 



 WARNING: To avoid electrical shock, always unplug the unit before performing cleaning or maintenance. 



 WARNING: For safe and proper operation, the unit must be located a reasonable distance from combustible walls and materials. If safe distances are not maintained, discoloration or combustion could occur. 



 WARNING: In Europe, appliance must be connected by an earthing cable to all other units in the complete installation and thence to an independent earth connection in compliance with EN 60335-1 and/or local codes. 

 WARNING: To avoid electrical shock or personal injury, do not steam clean or use excessive water on the unit. 

 WARNING: If service is required on this unit, contact your authorized APW Wyott Service Agent, or contact the APW Wyott Service Department directly at (972) 908-6100 or (800) 527-2100; fax (214) 565-0976. 

 WARNING: This product has no “user” serviceable parts. To avoid damage to the unit or injury to personnel, use only Authorized APW Wyott Service Agents and genuine APW Wyott Parts when service is required. 

 CAUTION: Use only non-abrasive cleaners. Abrasive cleaners could scratch the finish of your unit, marring its appearance and making it susceptible to dirt accumulation. 

 CAUTION: Some exterior surfaces on the unit will get hot. Use caution when touching these areas to avoid injury. 



**WARNING:** Genuine APW Wyott Replacement Parts are specified to operate safely in the environments in which they are used. Some aftermarket or generic replacement parts do not have the characteristics that will allow them to operate safely in APW Wyott equipment. It is essential to use APW Wyott Replacement Parts when repairing APW Wyott equipment. Failure to use APW Wyott Replacement Parts may subject operators of the equipment to hazardous electrical voltage, resulting in electrical shock or burn.



**CAUTION:** Locate the unit at the proper counter height, in an area that is convenient for use. The location should be level to prevent the unit or its contents from accidentally falling, and strong enough to support the weight of the unit and food.



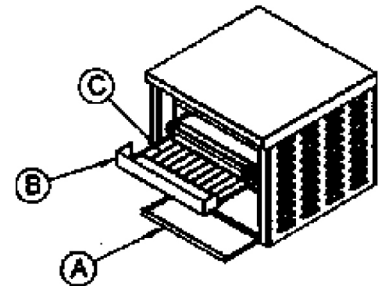
**WARNING:** Failure to provide clearances will cause unit failure and invalidate warranty claims (see installation instructions).



### GENERAL INFORMATION

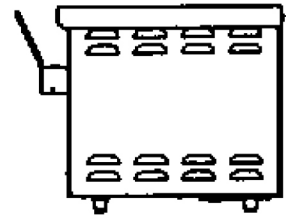
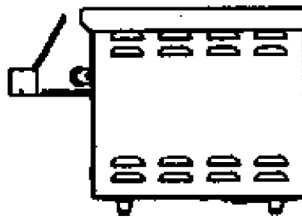
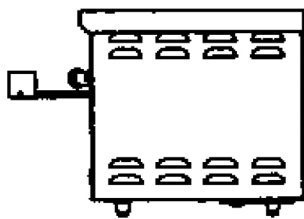
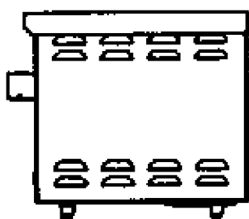
- I. Consult the rating label for model and serial number. Write this information below before proceeding: A. Model # \_\_\_\_\_ B. Serial # \_\_\_\_\_
- II. Overall Dimensions w/Wire Feeder - 13.27" H (33.70cm) x 14.72"W (37.39 cm) x 17.99"D (45.69cm)
- III. Product Opening - 1.5" H (3.8cm) x 10.50" W (26.7cm)
- IV. Productivity (per hour) - results will vary depending on line voltage and bread dryness.
- V. Electrical Requirements
  - A. Single phase, 120 volts, 1800 watts, 15 amps.
  - B. Cordset configuration
    1. Each toaster is equipped with a three-wire grounded cordset and standard three-prong plug.
    2. In the United States, a four foot cordset with NEMA5-15P plug.
    3. In Canada, a six foot cordset with NEMA5-20P plug.

Net/Shipping Weight - 28lb.(12.7kg) /33lb.(14.97kg)



### INSTALLATION INSTRUCTIONS

- I. Check Contents - refer to Figure 1, account for the following parts:
  - A. Toast Drawer - shipped in place
  - B. Reflector Tray - shipped in place
  - C. Wire Feeder - inside Reflector Tray
  - D. Instruction Manual - shipped loose
- II. Position Wire Feeder - refer to Figure 2
  - A. Pull out Reflector Tray
  - B. Rotate Wire Feeder
  - C. Slide Reflector Tray back
  - D. **WARNING:** Operating the toaster without the Reflector Tray reduces toasting capabilities.

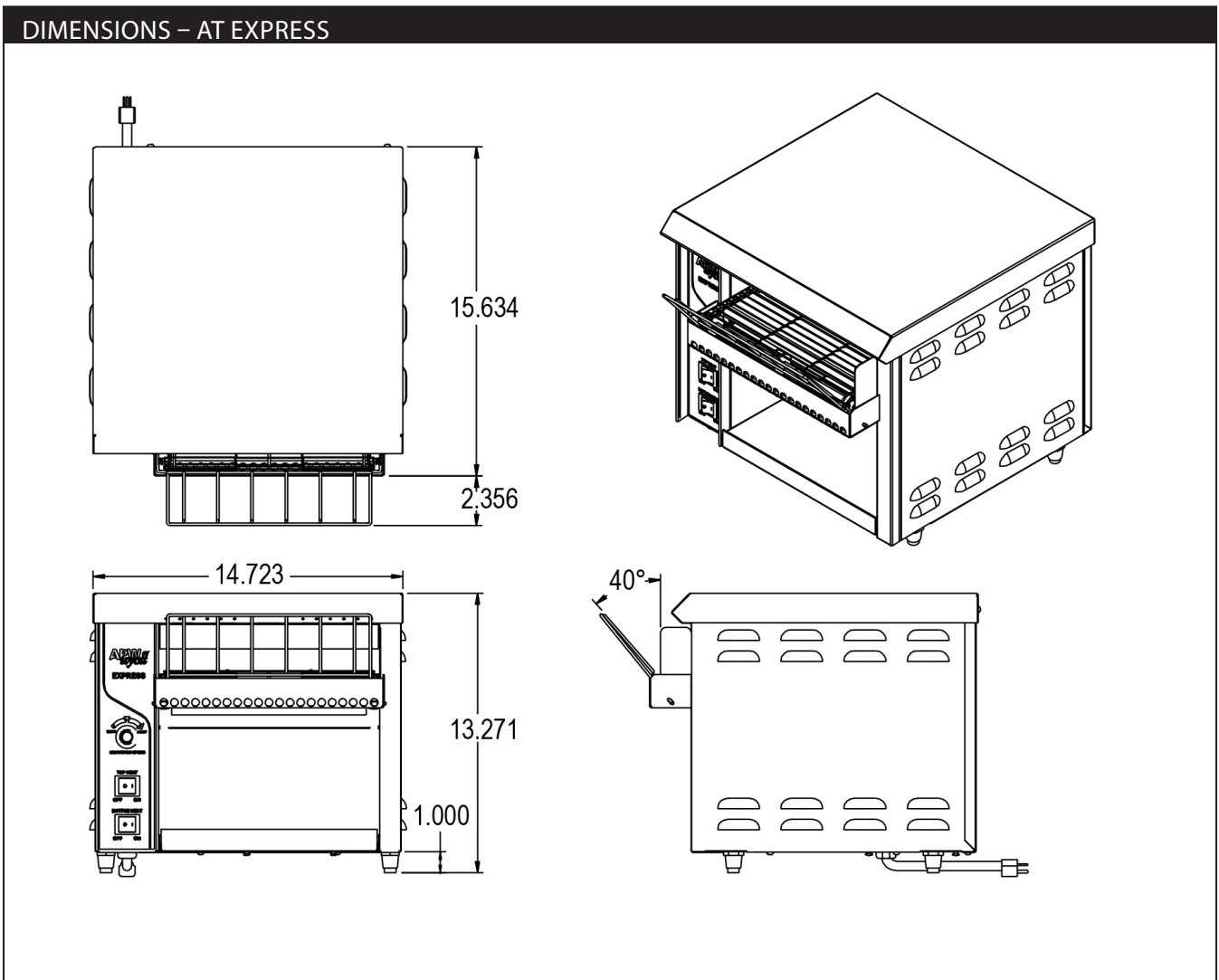


### III. Toaster Placement

- A. Locate the toaster near a grounded receptacle of the proper configuration (see below). Plug the cordset directly into receptacle (DO NOT USE AN EXTENSION CORD).
  - 1. In the United States, NEMA5-15R.
  - 2. In Canada, NEMA5-20R.
- B. Place the toaster on a flat surface providing the following minimum clearances:
  - 1. Base = one inch (provided with legs installed).
  - 2. Side and back walls = two inch
  - 3. Overhead = Enough space to allow adequate heat displacement.
  - 4. **WARNING:** Failure to provide these clearances will cause unit failure and invalidate warranty claims.
- C. Position toaster where customers will not contact any surface labeled "CAUTION HOT".

! NOTE: do not operate the toaster with the legs removed. !

### SPECIFICATIONS



## OPERATION INSTRUCTIONS

- I. Preparation
  - A. Clean toaster thoroughly before first use (See cleaning instructions).
  - B. Controls Familiarity
    - 1. Top Heat Switch: Operates top elements and conveyor.
    - 2. Bottom Heat Switch: Operates bottom element and conveyor.
  - C. Warm-up time: Allow five (5) minutes.
- II. Normal Use
  - A. Loading Product
    - 1. Place product on Wire Feeder. The conveyor will automatically draw product through the toaster at a speed determined by conveyor speed control.
  - B. Toasting Darkness: determined by conveyor speed.
    - 1. Darkest toasting - set conveyor speed control to one (1).
    - 2. Lightest toasting - set conveyor speed control to ten (10).
    - 3. Other factors affecting toasting darkness.
      - a) Product moistness - moister product requires slower speeds
      - b) Sugar content in product - product with more sugar requires slower speeds
      - c) Product Temperature - cooler product requires slower speeds
    - 4. For best results, use day old bread stored room temperature.

## CLEANING INSTRUCTIONS

- I. Daily Cleaning
  - A. With toaster off and cool, turn toaster on and set conveyor speed to four.
  - B. Using a plastic abrasive pad, wipe the conveyor belt in a back and forth motion (side-to-side) motion to remove baked-on product. Wipe the conveyor belt in the same manner with a hot, damp cloth.
  - C. Turn off toaster.
  - D. Slide the reflector/crumb tray out of toaster by pulling forward. Dispose of crumbs and wash tray in hot, soapy water. Dry tray and place back in toaster.
  - E. Remove toast drawer from toaster by sliding out and lifting up. Dispose of crumbs and wash drawer in hot, soapy water. Wipe crumbs from inside the toaster with a hot, damp cloth. Dry drawer and place back in toaster.
  - F. Wipe the exterior surfaces of the toaster with a hot, damp cloth.
- II. Periodic Cleaning
  - A. Conveyor Belt
    - 1. Remove conveyor belt from toaster.
    - 2. Use pliers to bend a link to the inside until the hook clears the link above.
    - 3. Repeat on other side.
    - 4. Pull the loosened links together and slide through center of belt link.
    - 5. Clean belt thoroughly (See item 2 under "daily cleaning").
    - 6. Install conveyor belt by reversing order of steps noted above (See item 1).
  - B. Cooling Intake Fan
    - 1. Unplug and lay toaster on side.
    - 2. Brush dirt and debris from fan opening and guard.
    - 3. WARNING: Neglecting to keep fan opening clean could result in toaster failure.

## WARRANTY PROCEDURE

If warranty service is needed on your AT EXPRESS™, follow these steps:

- I. Identify the model and serial number from the rating label on your toaster.
- II. Consult the enclosed directory, find the service agency nearest you, call the number listed or the 24- hour toll free service hot line, 1-800-733-2203. If there is not a service agency listed for your area, the parts distributor will provide service for your toaster.
- III. To order parts consult the enclosed directory. The parts distributor is listed at the beginning of each state listing. The parts distributors have a complete stock of parts for your toaster.

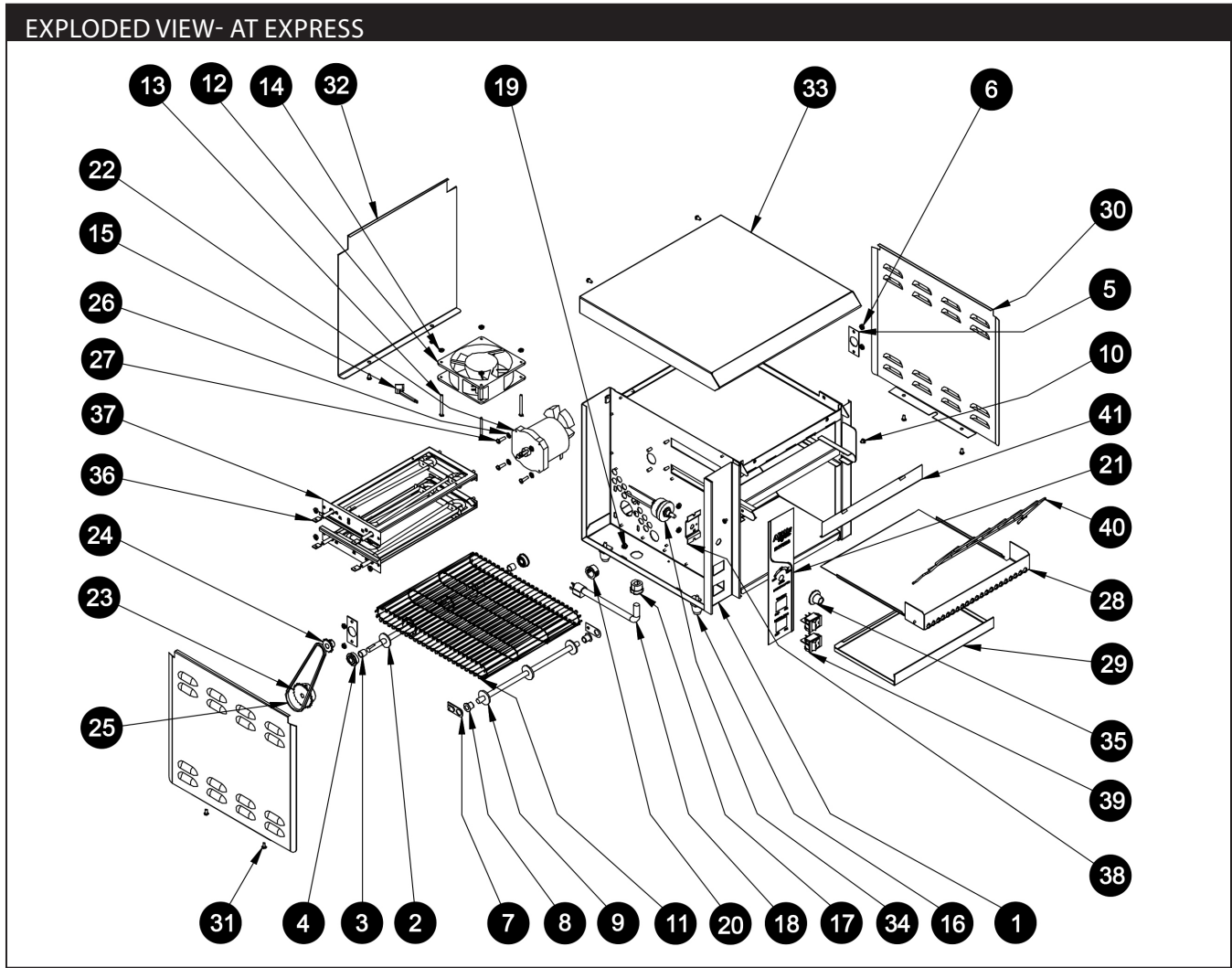
## TROUBLESHOOTING

- I. Always ask and check the following:
  - A. Is the unit connected to a live power source?
  - B. Check the circuit breaker.
  - C. Is power switch on?
  - D. Is the unit operating on proper voltage? (see rating label)
- II. If problems exist after checking the above, check the chart below.
- III. If any service is needed (*italicized items*), call an APW Wyott authorized service agency. All service should be performed by an APW Wyott authorized service agency.

### TROUBLESHOOTING CHART:

The Problem	The Cause	The Solution
Won't toast...	a. Toaster cold. b. Wrong power switch position. c. Wrong conveyor speed setting.	a. Allow five (5) minutes for warm up. b. Position power switch to full power. c. Reduce conveyor speed.
Toasts unevenly...	d. Only part of product surface is toasted e. Product located too far to side of conveyor.	d. Reduce conveyor speed. e. Place product on conveyor between end links.
Product sticks to conveyor or slide..	f. Butter or butter substitute used on product g. Conveyor surface has baked-on oil residue h. Very moist or doughy product. i. Product not defrosted or thawed.	f. Discontinue use of butter or butter substitute. g. Follow daily cleaning method to remove & prevent residue. h. Use different source or day-old product. i. Defrost/thaw product.
No power...	j. No power to receptacle. k. Toaster unplugged. l. Loose connections. m. Power switch.	j. Check circuit breaker. k. Plug in toaster. l. Check connections. m. Check that switch is on & operational.
Won't heat...	n. Loose connections. o. Faulty power switch. p. Burnt out element.	n. Check connections. o. Replace power switch. p. Replace element.
Lighter toast under peak loads	q. Speed control setting. r. Very moist product. s. Product too cold. t. Toaster cavity temperature being quenched	q. Reduce speed control setting. r. Use different source or day old product. s. Allow product to warm to room temperature. t. Add 1" or more spacing between product.
Conveyor won't move	u. No power. v. Conveyor links are binding. w. Drive chain too loose or too tight x. Loose or bad connection between speed control and conveyor motor y. Conveyor motor burnt out. z. Speed control burnt out.	u. Check circuit breaker. v. Check conveyor for bent links. w. Adjust drive chain. x. Check for loose or bad connection y. Replace conveyor motor. z. Replace speed control.

EXPLODED VIEW



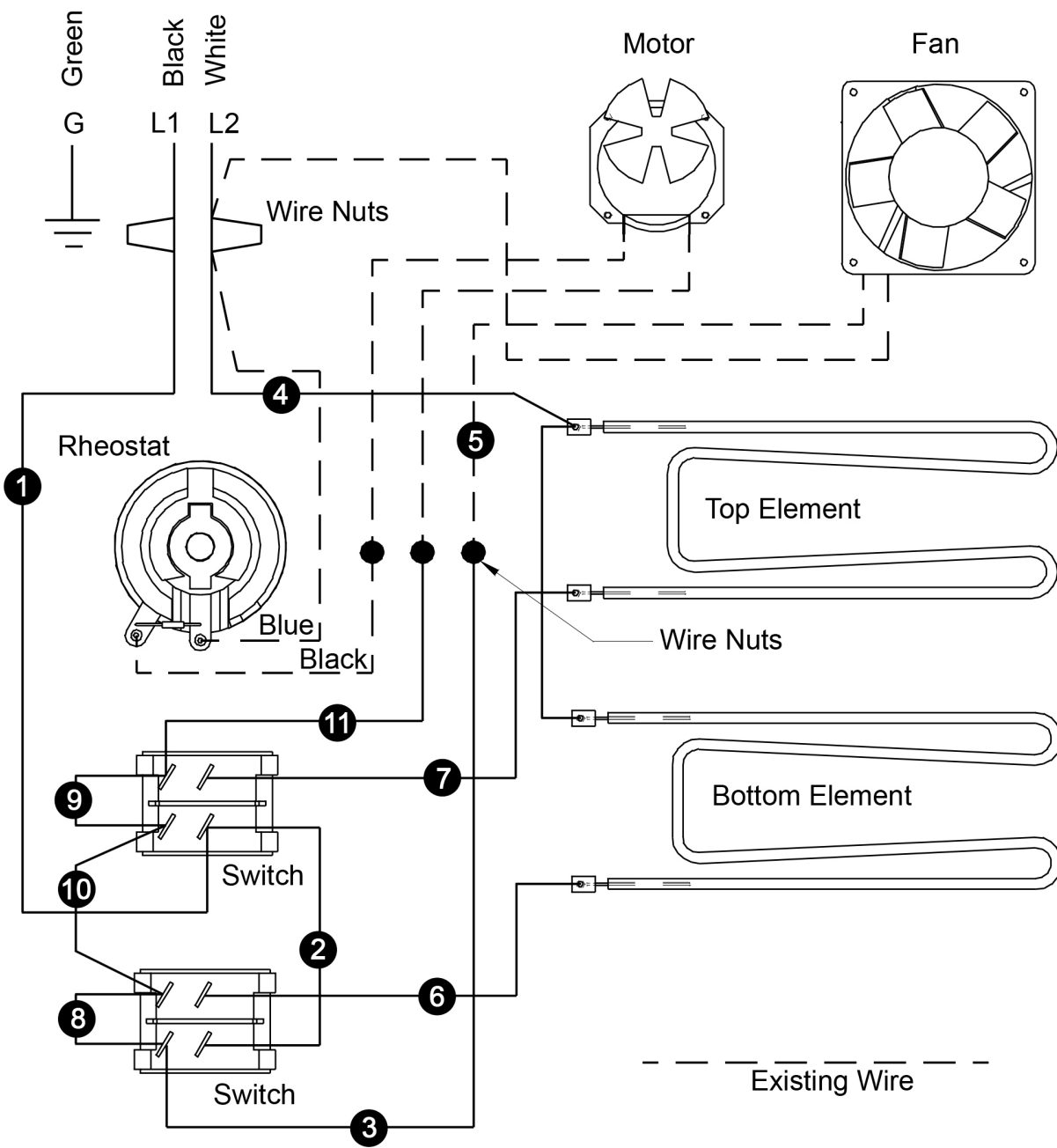
Item	P/N	Description	Qty
1	93300010	W'ASSY, MAIN BODY	1
2	83956	DRIVE SHAFT ASSY AT-10 SEGMENTED BELT	1
3	83868	SPACER, CONVEYOR SHAFT	2
4	83248	BEARING, SHAFT	2
5	83821	BRACKET, BEARING	2
6	89061	NUT, HEX 10-24	10
7	38132	W'ASSY BEARING CLIP	2
8	38125	BEARING FLANGED POLYMER	2
9	38122	W'ASSY IDLER SHAFT	1
10	88954	SCREW, 8-32X3/16, PH, PH, SS	2
11	82920	BELT, WIRE 27x.05 3 SEG.	1
12	85286	FAN MOTOR COOLING 120V 4.5"	1
13	88923	SCREW, 8-32x1-3/4 SLT PAN MS SS	4
14	89063	NUT, HEX 8-32	4
15	85283	CORD, FAN	1



Item	P/N	Description	Qty
16	83267	LEG 1" PLASTIC W/CHROME	4
17	89111	BUSHING, STRAIN RELIEF SR-7W-2	1
18	85638	CORDSET 14/3 600V .440 DIA HSJO 5-20P	1
19	88961	NUT, HEX 10-24, GREEN	1
20	89184	BUSHING, .875 HEYCO 2126	1
21	93300029	LABEL CONTROL PANEL	1
22	85152	MOTOR AT10 115V 60HZ 3RPM MK 5-3902	1
23	83260	SPROCKET, 18 TOOTH 1/4 PITCH 5/16 BORE	1
24	83261	SPROCKET, 12 TOOTH 1/4 PITCH 3/8 BORE	1
25	82903	CHAIN, 1/4" DRIVE 65 PITCH	1
26	89059	WASHER #10 EXTERNAL LOCK	4
27	89006	SCREW, 10-24x5/8 PAN HD SLOT	4
28	93300013	TRAY REFLECTOR	1
29	38129	DRAWER TOAST	1
30	38136	COVER SIDE	2
31	89039	SCREW, 8-32X5/16 PH PAN SS	8
32	93300026	COVER BACK	1
33	93300016	COVER, TOP	1
34	83221	RHEOSTAT, MOTOR CONTROL 120V	1
35	75617	KNOB W/NO'S. 0 TO 9	1
36	93300017	ELEMENT, 120V 832W	2
37	93300018	W/ASS'Y, ELEMENT RACK	2
38	93100063	XPRS-PLATE, CONTROL PANEL	1
39	89491	SWITCH, ROCK, DPST, 20A 250VAC, BLK (TEXT)	2
40	38131	FEEDER, WIRE	1
41	93300031	BAFFLE, HEAT	1

WIRING DIAGRAM

WIRING DIAGRAM- AT EXPRESS



**IMPORTANT NOTICE:** The information contained in this section of the manual is intended for individuals possessing backgrounds of electrical and mechanical experience, such as an authorized APW Wyott service technician. APW or the seller cannot be responsible for the interpretation of this information, nor can it assume any liability in connection with its use.

IMPORTANT FOR FUTURE REFERENCE

Please complete this information and retain this manual for the life of the equipment.  
For Warranty Service and/or Parts, this information is required.

\_\_\_\_\_

Model Number

\_\_\_\_\_

Serial Number

\_\_\_\_\_

Date Purchased

Notes

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## APW Wyott EQUIPMENT LIMITED WARRANTY

APW Wyott Foodservice Equipment Company warrants its equipment against defects in materials and workmanship, subject to the following conditions:

This warranty applies to the original owner only and is not assignable.

Should any product fail to function in its intended manner under normal use within the limits defined in this warranty, at the option of APW Wyott such product will be repaired or replaced by APW Wyott or its Authorized Service Agency. APW Wyott will only be responsible for charges incurred or service performed by its Authorized Service Agencies. The use of other than APW Wyott Authorized Service Agencies will void this warranty and APW Wyott will not be responsible for such work or any charges associated with same. The closest APW Wyott Authorized Service Agent must be used.

This warranty covers products shipped into the 48 contiguous United States, Hawaii, metropolitan areas of Alaska and Canada. There will be no labor coverage for equipment located on any island not connected by roadway to the mainland.

Warranty coverage on products used outside the 48 contiguous United States, Hawaii, and metropolitan areas of Alaska and Canada may vary. Contact the international APW Wyott distributor, dealer, or service agency for details.

### Time Period

One year for parts and one year for labor, effective from the date of purchase by the original owner. The Authorized Service Agency may, at their option, require proof of purchase. Parts replaced under this warranty are warranted for the un-expired portion of the original product warranty only.

### Exceptions

- \* Gas/Electric Cookline: Models GCB, GCRB, GF, GGM, GGT, CHP-H, EF, EG, EHP. Three (3) Year Warranty on all component parts, except switches and thermostats. (2 additional years on parts only. No labor on second or third year.)
- \* Broiler Briquettes, Rock Grates, Cooking Grates, Burner Shields, Fireboxes: 90 Day Material Only. No Labor.
- \* Heat Strips: Models FD, FDL, FDD, FDDL. Two (2) Year Warranty on element only. No labor second year.
- \* Glass Windows, Doors, Seals, Rubber Seals, Light Bulbs: 90 Day Material Only. No Labor.

In all cases, parts covered by extended warranty will be shipped FOB the factory after the first year.

### Portable Carry In Products

Equipment weighing over 70 pounds or permanently installed will be serviced on-site as per the terms of this warranty. Equipment weighing 70 pounds or under, and which is not permanently installed, i.e. with cord and plug, is considered portable and is subject to the following warranty handling limitations. If portable equipment fails to operate in its intended manner on the first day of connection, or use, at APW Wyott's option or its Authorized Service Agency, it will be serviced on site or replaced.

From day two through the conclusion of this warranty period, portable units must be taken to or sent prepaid to the APW Wyott Authorized Service Agency for in-warranty repairs. No mileage or travel charges are allowed on portable units after the first day of use. If the customer wants on-site service, they may receive same by paying the travel and mileage charges. Exceptions to this rule: (1) countertop warmers and cookers, which are covered under the Enhanced Warranty Program, and (2) toasters or rollergrills which have in store service.

### Exclusions

The following conditions are not covered by warranty:

- \* Equipment failure relating to improper installation, improper utility connection or supply and problems due to ventilation.
- \* Equipment that has not been properly maintained, calibration of controls, adjustments, damage from improper cleaning and water damage to controls.
- \* Equipment that has not been used in an appropriate manner, or has been subject to misuse or misapplication, neglect, abuse, accident, alteration, negligence, damage during transit, delivery or installation, fire, flood, riot or act of god.
- \* Equipment that has the model number or serial number removed or altered.

If the equipment has been changed, altered, modified or repaired by other than an Authorized Service Agency during or after the warranty period, then the manufacturer shall not be liable for any damages to any person or to any property, which may result from the use of the equipment thereafter.

This warranty does not cover services performed at overtime or premium labor rates. Should service be required at times which normally involve overtime or premium labor rates, the owner shall be charged for the difference between normal service rates and such premium rates. APW Wyott does not assume any liability for extended delays in replacing or repairing any items beyond its control.

In all cases, the use of other than APW Wyott Authorized OEM Replacement Parts will void this warranty.

This equipment is intended for commercial use only. Warranty is void if equipment is installed in other than commercial application.

### Water Quality Requirements

Water supply intended for a unit that has in excess of 3.0 grains of hardness per gallon (GPG) must be treated or softened before being used. Water containing over 3.0 GPG will decrease the efficiency and reduce the operation life of the unit.

**Note: Product failure caused by liming or sediment buildup is not covered under warranty.**

**“THE FOREGOING WARRANTY IS IN LIEU OF ANY AND ALL OTHER WARRANTIES EXPRESSED OR IMPLIED INCLUDING ANY IMPLIED WARRANTY OF MERCHANTABILITY OR FITNESS FOR PARTICULAR PURPOSES AND CONSTITUTES THE ENTIRE LIABILITY OF APW WYOTT. IN NO EVENT DOES THE LIMITED WARRANTY EXTEND BEYOND THE TERMS STATED HEREIN.”**

9/05