



# OWNER & OPERATOR INSTRUCTION MANUAL

Model No. **RHW-450**  
FOOD WRAPPER



For service contact:  
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[www.turboairinc.com](http://www.turboairinc.com)

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### SHIPPING DAMAGE CLAIM PROCEDURE

The equipment is inspected & crated carefully by skilled personnel before leaving factory. The transportation company assumes full responsibility for safe delivery upon acceptance of this equipment if shipment arrives damaged;

1. VISIBLE LOSS OR DAMAGE: Note on freight bill or express delivery and signed by person making delivery.
2. FILE CLAIM FOR DAMAGES IMMEDIATELY: regardless of extent of damages.
3. CONCEALED LOSS OR DAMAGES: If damages are noticed after unpacking, notify Transportation Company immediately and file "Concealed Damage" claim with them. This should be done within fifteen (15) days from date delivery is made to you. Return container for inspection.

## INSTALLATION

### UNPACKING:

1. Remove appliance from container.
2. Remove all protective packaging material.
3. Retain container and packaging material until the appliance is operated and found in good condition.
4. Check appliance for any shipping damage. If appliance shows any external or internal damages, promptly inform dealer/distributor where you bought your appliance.

NOTE: Installation and repair should be done by a qualified service person. Qualified service person; who have read these instructions and is familiar with the operation and functions of the equipment.

### GENERAL SAFETY INSTRUCTIONS:

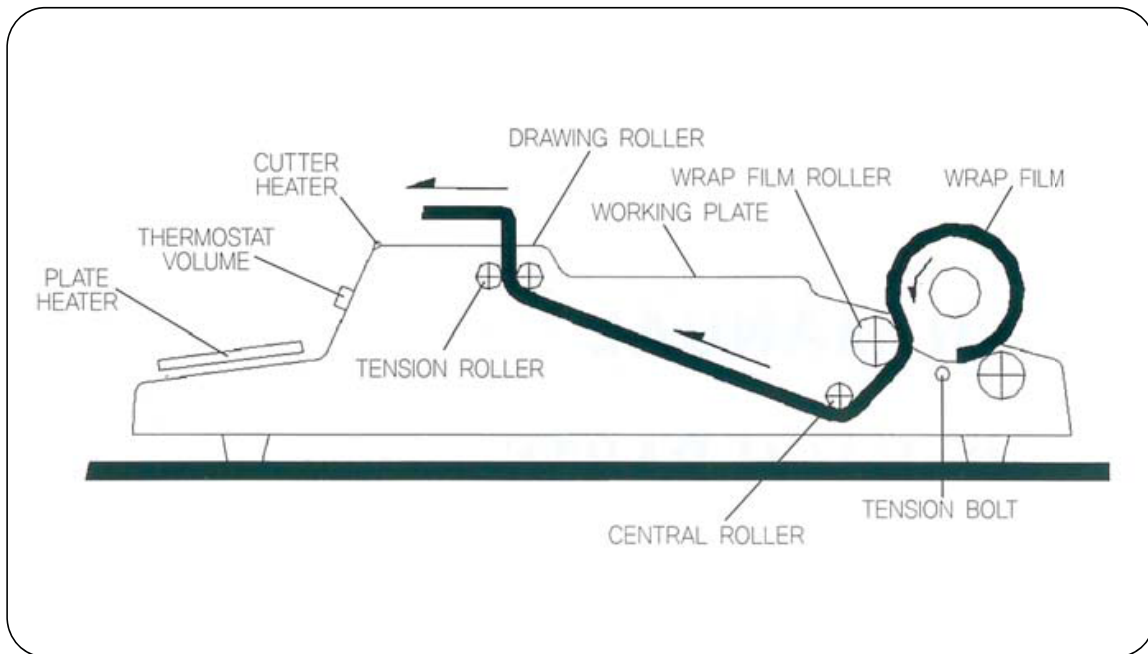
Accidents are always tragic especially because so many of them could have been prevented with little care and judgment. There are some basic good practices; we hope you will follow for safe use of the equipment.

### INSTALLATION:

1. Always clean equipment interior and exterior thoroughly before using.
2. Keep away from water or moisture.
3. Check rating label for your model designation & electrical rating.
4. Set film on back roller and install the film as shown below.
5. Set earth wire for preventing electric shock.
6. Adjust the tension bolt in order to have elasticity in pulling of the film.

## INSTALLATION

### FILM OUTSIDE



## MAINTENANCE

### OPERATING INSTRUCTIONS:

1. Set the tray containing goods or materials on the work table.

**DO NOT USE TRAY IF IT CONTAINS WATER OR OIL**

2. Pull the wrap film from the gap of work table rollers and cover the tray or material with film.
3. Draw down the wrapped tray to the heat plate. At this point, the heat cutter will cut the film by heat automatically.

**DO NOT TOUCH THE CUTTER AND COVER BY HAND**

4. Put down the tray on the plate and press the tray lightly several times.
5. Check the wrapped tray.

### GENERAL INSTRUCTIONS:

1. Fuse – This machine uses a 2A fuse on the name plate. 2A simply means 2 Amp fuse.

**USE 2A FUSE ONLY FOR THIS MACHINE !**

2. Work Table – The goods for wrapping must be set on the work table.

ALWAYS USE THE TRAY WHEN YOU WRAP GOODS.

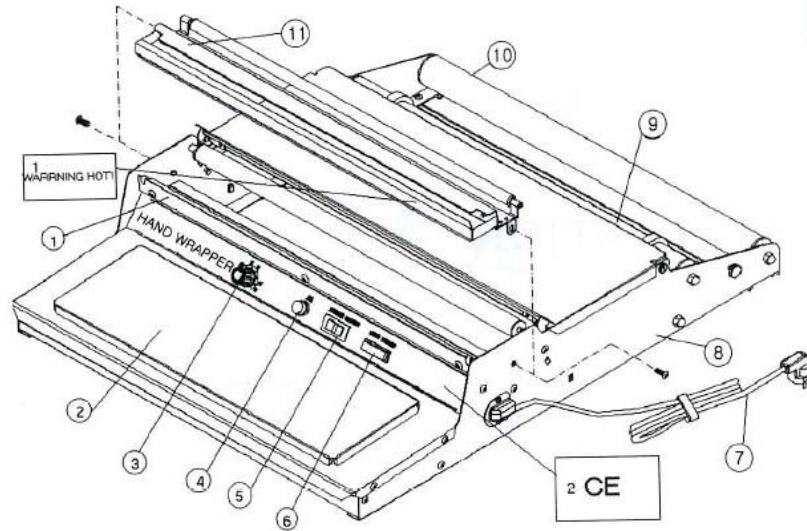
DO NOT WRAP ANY TRAY THAT CONTAINS WATER.

3. Tension Bolt – This tension bolt is to have elasticity in pulling of the film.
4. Control Board – This board controls the voltage that is given by volume level.

### REPLACING THE HEAT CUTTER:

1. Unscrew the cutter cover standing screw and take the cover away from the cutter.
2. Release the cutter wire holding screw.
3. Pull the cutter wire from the front panel wire.
4. Release the new cutter and tighten the screws.

## MAINTENANCE



① Heat Cutter	② Heat Plate	③ Heat Plate Volume Switch
④ Fuse Holder	⑤ Heat Cutter Switch	⑥ Heat Plate Lamp
⑦ Power Cord	⑧ Side Panel	⑨ Work Table
⑩ Roller	⑪ Heat Cutter Cover	

### FUNCTION OF EACH PART:

1. Heat Cutter – When the film is pulled down from the tray, the heat cutter located underneath the heat cutter guard cuts the film using electric heat.
2. Heat Cutter Guard – Heat cutter guard protects the operator from the cutter which produces radiation heat of up to 113°C (235°F).
3. Heat Plate – After wrapping the tray with film, cut the film with the cutter, then lay the tray on the heat plate so that it can seal the tray with the melted film.
4. Heat Cutter Switch – Turns on the heat cutter.
5. Heat Plate Switch – Turns on the heat plate.
6. Heat Plate Lamp – When you turn the plate switch on, the lamp turns on and lamp can be adjusted bright or dark.
7. Volume Switch – This switch control the voltage which is supplied to the machine from 25V-120V.

## SPECIFICATIONS & TROUBLESHOOTING GUIDE

### SPECIFICATIONS

Temperature of Heat Plate	110°F
Temperature of Heat Cutter	125°F
Voltage	AC 115V 60Hz 1Phase
Wrapping Length (inch)	17 <sup>3</sup> / <sub>4</sub>
Power Consumption	175W
Ext. Length Overall (inch)	18 <sup>1</sup> / <sub>2</sub>
Ext. Depth Overall (inch)	23 <sup>5</sup> / <sub>8</sub>
Ext. Height Overall (inch)	3 <sup>7</sup> / <sub>8</sub>

### TROUBLESHOOTING GUIDE

SYMPTOM	POSSIBLE CAUSE	POSSIBLE SOLUTION
<b>Heat plate lamp does not turn on.</b> (Does not make seal)	Bad power cord or socket	Check & replace power cord and/or sock
	Heat plate wire disconnected	Change heat plate
	Bad controller	Ask for service
	Bad lamp & lamp connector	Ask for service
	Fuse gone out	Change heat cutter
<b>Heat cutter does not heat up.</b> (Does not cut film)	Heat cutter not set in place	Change heat cutter
	Bad lamp	Ask for service
<b>Controller does not work.</b>	Overheating	Ask for service
	Bad controller	Ask for service

# LIMITED WARRANTY

## Warranty Claims

German Knife / Radiance warrants that the equipment, as supplied from the factory to the end-user, is free from defects in materials and workmanship. Should any part be found defective resulting from normal use within the defined warranty period, German Knife / Radiance will gladly dispatch an authorized service agency to repair and/or replace necessary parts under the following conditions.

Repairs under this warranty are to be performed by a German Knife / Radiance authorized service agency only.

On-site warranty service calls within 100 miles of an authorized service company. End user is responsible for all extra travel and mileage at prevailing rates. No mileage or travel time is paid.

German Knife / Radiance will not be responsible for service parts and labor charges performed by non-authorized service companies.

All claims should include the model number, serial number, proof of purchase, date of installation, and all pertinent information supporting the alleged defect.

## PRODUCTS UNDER WARRANTY

***One year from the date of original installation or fifteen (15) months after shipment date from German Knife Radiance whichever occurs first.***

- Radiance Medium Duty Microwaves- NE/NM series (TMW-1100NE, TMW-1100NM, TMW-1100C)
- Radiance Ranges & Countertop cooking series (All TAR-, TARG-, TAHP-, TARB-, TAMG-, TATG-, TASP-, TAWR-)
- Radiance Steam Tables (RST-)
- Radiance Cheesemelters, Salamanders, Hand Wrappers (All TACM-, TASM-, RHW-, RFW-)
- Radiance Bakery Equipment (RBCO-, RBDO-, TDC-)
- German Knife Light Duty Slicer- LD series (GS-12LD)

***Two years from the date of original installation or twenty seven (27) months after shipment date from German Knife Radiance whichever occurs first.***

- German Knife Heavy Duty Meat Slicer- Automatic & Manual (GS-12A, GS-12M)
- German Knife Band Saw (All GBS-)

***One year from the date of original installation or fifteen (15) months after shipment date from German Knife Radiance whichever occurs first. Plus 2 additional years for Magnetron (part only)***

- Radiance Heavy Duty Microwaves- HD Series (TMW-1200HD, TMW-1800HD)

Stainless steel fabrication models such as sinks, work tables, equipment stands, wall shelves, utility carts are not covered under warranty unless damage is reported or claimed right after shipment is received not exceeding 3 days from receiving.

Any part covered under this warranty that is found by German Knife / Radiance to have been defective within the above time period is limited to the repair or replacement, including labor charges, of defective parts or assemblies. The labor charges shall include standard straight time labor charges only and reasonable travel time as determined by German Knife / Radiance.

## WHAT IS NOT COVERED BY THIS WARRANTY

German Knife / Radiance's sole obligation under this warranty is limited to either repair or replacement of parts, subject to the additional limitations below. This warranty neither assumes nor authorizes any person to assume obligations other than those expressly covered by this warranty.

- Equipment failure resulting from improper installation will not be honored under warranty. Examples are wrong utility connection and improper utility supply problems.
- Equipment that has not been maintained accordingly. Examples are calibration of controls, adjustment to pilots and burners, and damage from improper cleaning.
- Equipment that has not been used in an appropriate manner, alteration, neglect, abuse, misuse, accident, damage during transit or installation, fire, flood, acts of God.
- Warranty is not transferrable and only applies in favor of the original purchaser.
- Equipment failure resulting from electrical power failure, use of extension cords, unstable power supply, low voltage, and voltage drops to the unit.

These warranties are exclusive and in lieu of all other warranties, including implied warranty and merchantability or fitness for a particular purpose. No consequential damages. German Knife / Radiance is not responsible for economic loss, profit loss or special, indirect, or consequential damages. There are no warranties which extend beyond the description on the face hereof.

Outside the U.S., this warranty does not apply to, and German Knife / Radiance is not responsible for, any warranty claims made on products sold or used outside the continent of the United States.