



# INSTALLATION AND OPERATING INSTRUCTIONS

## FLOOR MODEL GAS DECK OVENS

Series: Vantage 600 and 800

INTENDED FOR OTHER THAN HOUSEHOLD USE

RETAIN THIS MANUAL FOR FUTURE REFERENCE  
OVEN MUST BE KEPT CLEAR OF COMBUSTIBLES AT ALL TIMES



**IMPORTANT INSTRUCTIONS:** After the gas supply has been connected to your unit, it is extremely important to check piping for possible leaks. To do this, use soap and water solution or solutions that are expressly made for this purpose.  
**DO NOT USE** matches, candles, flames, or other sources of ignition since these methods are extremely dangerous. Post in a prominent location instructions to be followed in the event you smell gas. Obtain these instructions from your local gas supplier.



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



**WARNING:** Improper installation, adjustment, alteration, service or maintenance can cause property damage, injury or death. Read the Installation, Operating and Maintenance Instructions thoroughly before installing or servicing this equipment. Initial heating of oven may generate smoke or fumes and must be done in a well ventilated area. Overexposure to smoke or fumes may cause nausea or dizziness.



**Note:** Only *Pizza* or *Bread* can have direct contact with Fiberment decks. All other food products must be placed in a pan or container to avoid direct contact with Fiberment decks.

This 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.



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EN 437		Gas and Supply												
Gas Cat.		Pressures		Designated European Market = ♦										
				A	B	D	F	F	G	D	I	I	L	N
				T	E	K	I	R	R	E	E	T	U	L
I <sub>2H</sub>	G20 @ 20mbar			♦		♦	♦				♦	♦		♦
I <sub>2L</sub>	G25 @ 25mbar													♦
I <sub>2E</sub>	G20 @ 20mbar									♦			♦	
I <sub>2E+</sub>	G20/25 @ 20/25mbar				♦			♦						

### FOR NORTH AMERICA:

TYPE OF GAS	MANIFOLD PRESSURE
Natural	3.5" Water Column
LP	10" Water Column

### MODELS COVERED:

MODEL	BTU/HR	KW	MODEL	BTU/HR	KW
V-600	120, 000	35.15			
V-800	120, 000	35.15			

LP Gas models are not available for European Community Countries.

## I. INSTALLATION INSTRUCTIONS

### 1. RECEIVING:

Read the notice on the outside carton regarding damage in transit. Damage discovered after opening crate(s)/carton(s) is 'CONCEALED DAMAGE' and the carrier must be notified immediately to send an inspector and also to furnish forms for the consignee's claim.

When the oven arrives, it should consist of:

- A crate or carton containing your new oven & stand top.
- A carton containing 4 legs with mounting hardware.
- A strapped skid containing baking decks.

Place the oven and parts as close as possible to the area of final installation before uncrating.

**In MASSACHUSETTS:** All gas products must be installed by a "Massachusetts" licensed plumber or gas fitter. Ventilation hoods must be installed in accordance with NFPA-96, current edition, with interlocks as described in that standard.



**WARNING:** Installation must conform with local codes and/or to the latest edition of the ANS Z-223.1 National Fuel Gas Code in USA (CAN/CGA-B 149.1 or 2 Installation Code in Canada).



**WARNING:** This appliance must be installed by a competent person in accordance with the rules in force. In the U.K. Corgi registered installers (including the regions of British Gas) undertake to work to safe and satisfactory standards. This appliance must be installed in accordance with the current Gas Safety (Installation and Use) Regulations and the relevant Building Regulations/IEE Regulations. Detailed recommendations are contained in the British Standard Codes Of Practice BS 6172, BS 5440: Part 2 and BS 6891.



## 2. CLEARANCES:

	Combustible Construction	Non-Combustible Construction
Minimum Clearance from: <b>Left Side</b>	3" (75mm)	0
Minimum Clearance from: <b>Right Side</b>	1" (25mm)	2
Minimum Clearance from: <b>Rear</b>	3" (75mm)	2" (51mm)

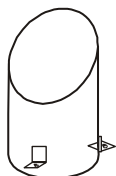
## 3. SET UP: The oven must be installed in a well-ventilated area.

Your oven is packed standing on its back. Leave it on its back while unpacking. The skid may be left under the oven for convenience in further handling. Unpack carefully to avoid damage to the oven. If concealed damage is found, follow the instructions detailed in Section 1.

Keep the area around the oven free and clear of combustible materials. Do not store any materials on top of or under any oven. The provision of an adequate air supply to your oven for ventilation and proper gas combustion is essential. As a minimum, observe the clearances detailed in Section 2. Provide adequate ventilation and make up air in accordance with local codes.

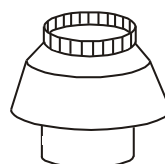
Fit the flue diverter supplied (See fig.1) into the hole located at top near the left rear of the oven and secure with screws for installing the oven under a ventilation hood. For Direct Venting, Optional Draft Hood (Fig. 2) must be placed into the hole. **Direct Venting not available for European Community Countries.** Local inspectors and ventilation specialists should be consulted to make sure that the installation of the hood conforms to the local codes and requirements (See fig. 3). In UK ventilation requirements as detailed in BS 5440 should be followed.

**Figure #1**



Flue Diverter  
(For use w/Collection Hood)

**Figure #2**



Draft Hood  
(For use w/Direct venting)

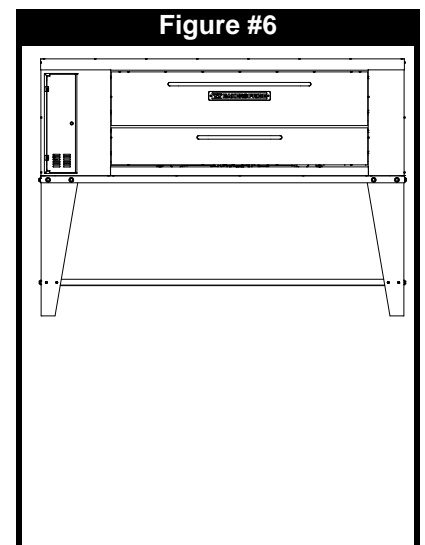
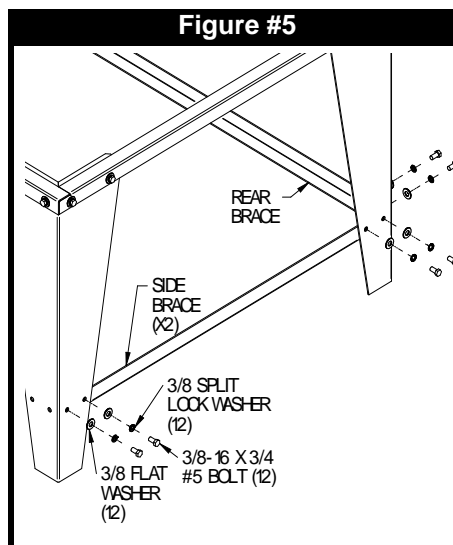
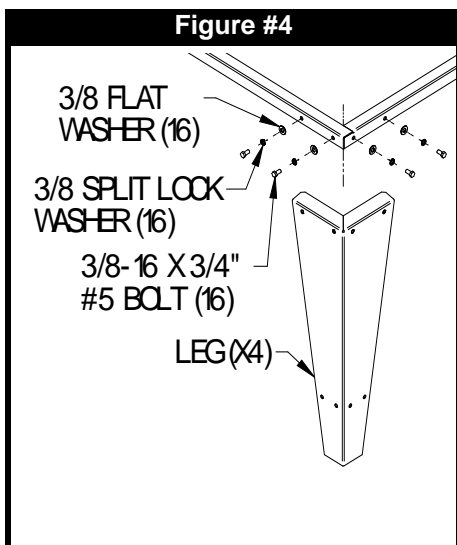
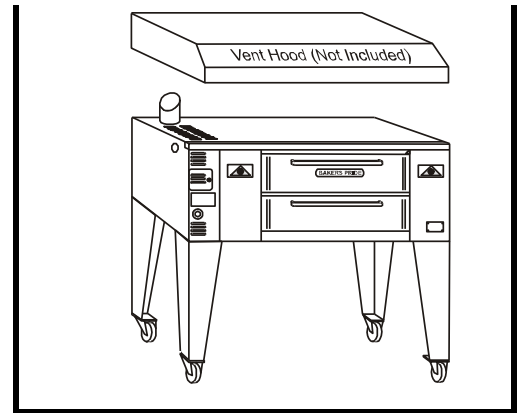
**Figure #3**

Access to the bottom front door and left side control panel is required for day to day operation of the oven and for servicing. Make sure that these areas are kept unobstructed for easy access.

#### A. ASSEMBLING THE STAND:

Legs are shipped in a separate carton complete with mounting bolts.

- Bolt four legs to the four of the stand using the supplied 3/8-16 x 3/4 bolts, flat washers, and lock washers. (See fig. 4).
- Bolt side braces and rear brace to legs using supplied 3/8-16 x 3/4 bolts, lock washer, and flat washer. (See fig. 5).
- Using proper lifting equipment, lower the oven from its back to its bottom. Lift the unit and set on stand. (See fig.6).
- Move the oven to its final location keeping the minimum clearances from the back of the oven to the wall. This clearance is necessary for safe operation and to provide proper air-flow to the burner chamber.



#### B. INSTALLATION WITH CASTERS (OPTIONAL):

Four Casters (two with wheel brakes) and the mounting hardware is packed and included in the shipment if ordered. **Install casters with wheel brakes on the front of the unit. Stands with casters have a front brace as well as a rear brace.**

**NOTE:** Installation should be made with a connector that complies with the latest edition of the Standard for Connectors for Movable Gas Appliances ANSI Z21.69 in the USA (CAN CGA-6.16 in Canada) and a quick disconnect device that complies with the latest edition of the Standard for Quick Disconnect Devices for use with gas fuel ANSI Z21.41 in the USA (CAN CGA 1-6.9 in Canada) and adequate means must be provided to limit the movement of the appliance without depending on the connector and any quick disconnect device or its associated piping.

The restraint should be attached to the rear legs of the oven on which casters are mounted. If disconnection of the restraint is necessary to move the oven for servicing needs; the restraint should be reconnected after the appliance has been returned to its originally installed position.

#### 4. PIZZA DECK:

- Remove all packing material, samples, shims, etc. from the baking chamber leaving the two metal hearth liner sheets on the baking chamber floor. Make sure that the two metal hearth liner sheets cover the entire bottom of the chamber.
- The Vantage model has five FibraMent Pizza stones that are provided with the oven. This material is heavy, and fragile, and should be handled carefully.

## **WARNING**

**Do NOT** install these baking stones until you have read the pre-drying instructions.

Failure to pre-dry the stones correctly can result in severe damage to your oven and void the manufacturers' warranties.

### **Installation Instructions for Baking Stones**

1. Before beginning the pre-drying process, check the condition of the flame diverter and heat diffuser. Replace any metal that has deteriorated. FibaMent must be fully supported by a solid metal plate. This plate acts as the heat deflector. Failure to protect the baking stone from direct flame and heat can cause the baking stone to shatter with explosive force.
2. To minimize warpage and extend the life of the baking stones, they must be pre-dried before use. The pre-drying process slowly removes moisture from the baking stone. **KEEP THE OVEN DOOR CLOSED DURING THE ENTIRE PRE-DRYING PROCESS.**
3. Let the baking stones adjust to room temperature before beginning. Pre-heat the stones with the pilot burner on for 1 hour. Then increase the temperature to 200F. (For ovens with dial thermostats that range from 300F to 650F, set the dial below 300F to maintain a flame height of less than 1/4".) Maintain this setting for 3 hours. After the baking stone has been pre-dried at 200F for 3 hours, increase the oven temperature to 300F for 1 hour, 400F for 1 hour, then 500F for 1 hour. Do not alter this pre-drying process!
4. An odor and outgassing may occur during the initial heat-up. This is normal. The stones are adjusting to their new environment.
5. Do not wedge the baking stones together. The stones must be installed unrestrained with approximately 1/8 inch joint space for every 24 inches of stone to allow for expansion. Stones installed without an expansion joint are subject to warping, cracking or shattering with explosive force.

## **WARNINGS**

***DO NOT*** install these baking stones until you have read the pre-drying instructions. Failure to pre-dry the stones correctly can result in severe damage to your oven and void the manufacturers' warranties.

***DO NOT*** wedge the stones together. The stones must be installed unrestrained with approximately 1/8" joint space for every 24" of stone to allow for expansion. Stones installed tightly are subject to warping, cracking or shattering with explosive force.

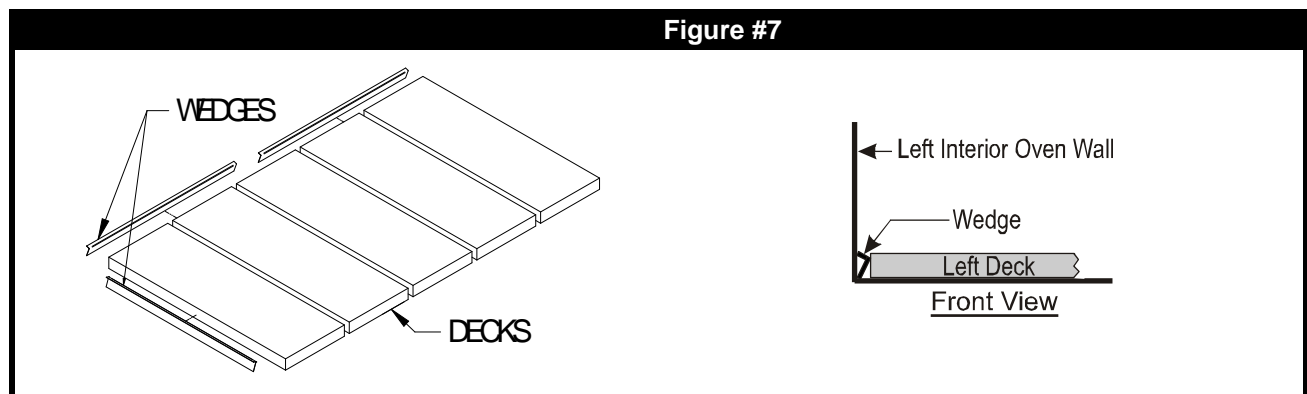
***DO NOT*** clean with high abrasion brushing or water as they may crack.

***DO NOT*** subject to thermal shock. Foods can not be thawed directly on the stones.

Liquids should never come in contact with the baking stones. Wipe the baking stones with a dry rag.

### A. Deck Installation:

- (a) Slide one deck into the baking chamber and push it as far as possible to one side.
- (b) Slide the second deck into the baking chamber on the side opposite to the first deck.
- (c) Slide the remaining decks into the center section.
- (d) Use metal shims to level the decks.
- (e) To minimize warpage and extend the life of the fibrament Stones, they must be pre-dried before use.
  - (1) KEEP THE OVEN DOOR CLOSED DURING THE ENTIRE PRE-DRYING PROCESS.
  - (2) Let the baking stones adjust to room temperature before beginning.
  - (3) Preheat the stones with the pilot burner on for 1 hour.
  - (4) Increase the temperature to below 300°F to maintain a flame height of less than a ¼"). Maintain this setting for 3 hours
  - (5) After 3 hours increase temperature to 300°F for 1 hour, then 400°F for 1 hour, and then 500°F for 1 hour.
  - (6) DO NOT ALTER THIS PROCESS, failure to properly pre dry stones can cause warping, Cracking, or shattering with explosive force.
- (f) Use wedges in the back and on the sides of the deck if the decks are loose. The five decks should be tight against each other with no gap between them (See fig. 7).
- (g) Put the hearth trim in place between the deck and the door.



### 5. GAS CONNECTIONS:

**Propane gas units are not available in the European Community Countries.**

- (a) The ovens should not be installed on the same line with space heaters, boilers or other gas equipment with high intermittent demand.
- (b) Use a pipe joint compound that is resistant to the action of liquefied petroleum gases when making gas connections.
- (c) For Propane gas, use at least ½" (13 mm) pipe or tubing with a 5/8" (16 mm) inside diameter. For Natural gas, use ¾" (19 mm) pipe.
- (d) The appliance must be isolated from the gas supply piping system by closing its manual shut-off valve during any pressure testing of the gas supply piping system at test pressures equal to or less than ½psig (3.45kpa).
- (e) The appliance and its shut-off valve must be disconnected from the gas supply piping system during any pressure testing of that system at test pressures in excess of ½" psig (3.45kpa).
- (f) The gas pressure regulator is in side of the unit and is adjusted to yield a pressure of 3.5"water column (9mbar) for Natural Gas. If the oven is ordered for use on Propane Gas, the pressure regulator is preset at the factory to yield a pressure of 10" water column (25 mbar). Units for use on Propane Gas are not available for European Community Countries.
- (i) A separate shut-off valve for each oven must be provided. It should be as close as possible to the place where the gas supply line goes into the oven. It must be located such that it is easily accessible.
- (j) When stacking with another oven, two shut-off valves, one for each of the two ovens, must be provided.

After the Gas Supply has been connected, it is extremely important to check all the piping for leaks. Use soap and water solution or a product expressly made for this purpose. Do not use Matches, Candles or a flame etc to check leaks since these methods are extremely dangerous.

## 6. FLUE CONNECTION - VENTILATION:

### (a) INSTALLATION UNDER VENTILATION HOOD (STANDARD):

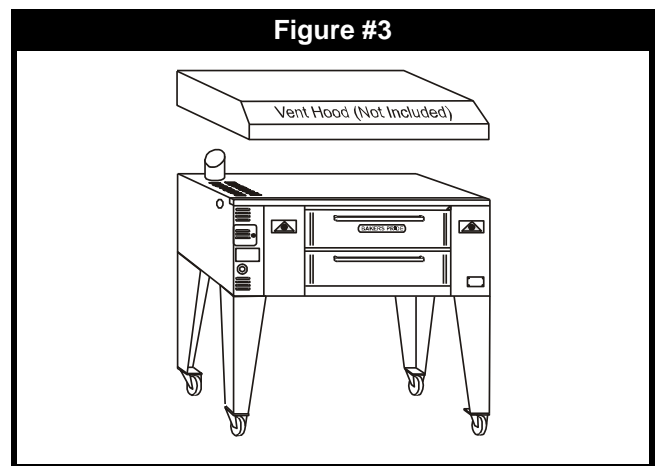
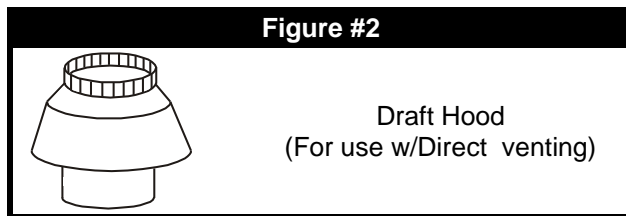
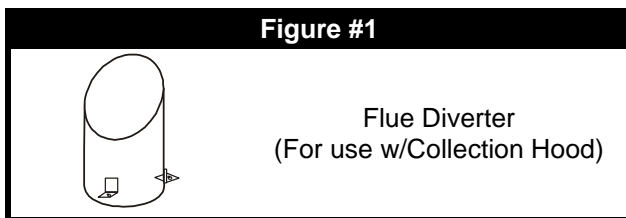
If the oven is installed under a collection hood, use the flue diverter (fig.1) supplied. Local inspectors and ventilation and environmental specialists should be consulted so that the design and the installation of the hood conforms to the local/ municipal codes (see fig.3).

### (b) DIRECT VENTING (Optional) NOT AVAILABLE FOR EUROPEAN COMMUNITY COUNTRIES:

If direct venting, it is necessary to install a draft hood (fig.2). The flue pipe from the draft hood must not run downwards at any point from the oven to the final outlet. It should always slant slightly upwards. For best results it should rise straight up.

**NOTE: Do not put a damper in the flue and do not connect a blower directly to the flue.**

If the flue runs directly to the free air outside the building, use a wind deflector or a UL listed vent cap at the end of the flue pipe. Termination of the vent must be at least 2 feet above the highest part of the roof within 10 feet (Ref: American Gas Association Catalo No.Xh0474).



## 7. MAIN BURNER SAFETY PILOT OPERATION:

The purpose of the safety pilot system is to lock the gas supply to the main burner at the safety valve, if for any reason the pilot burner is not lit. Oven should be re-lighted by following the steps given below. However, in normal service, the pilot flame stays lit indefinitely, day and night or weekends. This prolongs the life of the safety valve.

The safety pilot valve is in effect a two-stage control. After initial lighting, the pilot burner stays on without the gas cock dial being held pressed in. After 1-2 minutes, the valve opens fully to let the gas flow past the safety pilot valve into the burner system.

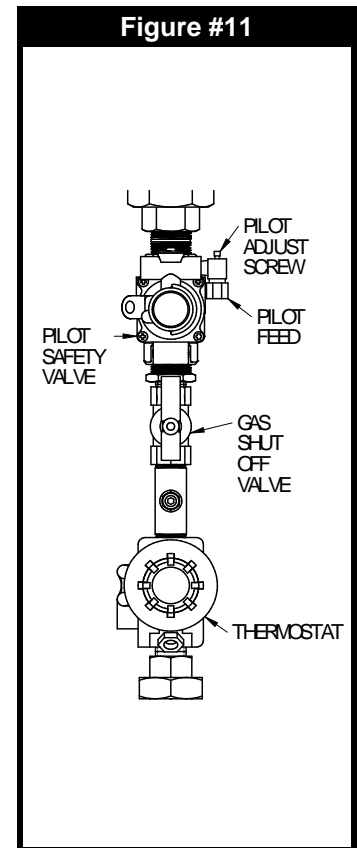
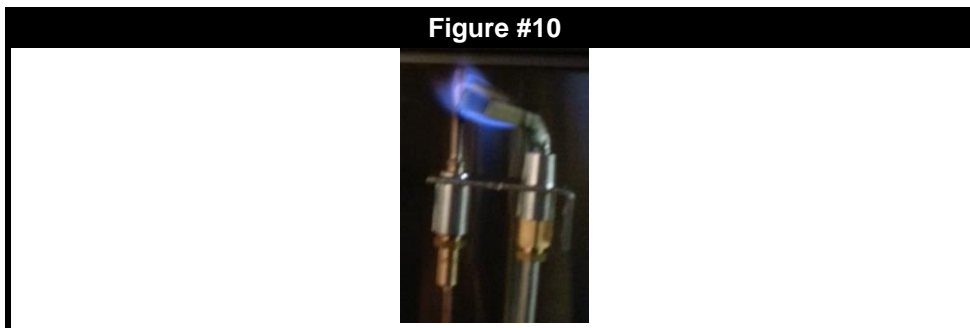
## A. PILOT BURNER LIGHTING PROCEDURE:

- (a) Turn the red handle on gas shut off valve to 'OFF' (horizontal) position.
- (b) Wait for five minutes to allow gas, which may have accumulated in the burner compartment, to escape.
- (c) Depress "RED" button on pilot safety valve and light Pilot Burner. Hold in pressed position for about ½ minute (30 seconds), and release the "RED" button. The Pilot Burner should now remain lit.

**If Pilot Burner fails to ignite or does not remain lit, repeat the steps (a) Through (c).**

## B. PILOT BURNER FLAME ADJUSTMENT:

It is important to have the correct Pilot Burner Flame size as shown in Fig.10. If necessary, adjust the Pilot Burner Flame by turning Pilot Adjust Screw (See fig. 11) Clockwise to reduce or counterclockwise to increase



## 8. BURNER OPERATION:

### (a) MAIN BURNER:

After the pilot burner is ignited, when heat is desired, turn gas ball valve to 'ON'(vertical) position and set the thermostat dial to the desired temperature. The oven burner flame should always have a blue appearance. That indicates a good mixture of gas and air. When using LP gas, the flame will have a blue-yellow appearance.

Should the Burner fail to light, check to see if there is a problem with the gas supply. If there are other appliances on the same line, shut them off temporarily and see if the burner comes back on, or it fluctuates as other gas appliances are turned on and off. That would indicate overloading of the gas supply lines or a faulty gas pressure regulator. Contact an authorized Service Agency or your local Gas Supply Company. To turn off the main burners turn gas ball valve to "OFF" (horizontal) position.

### (b) AERATION AND BY-PASS FLAME ADJUSTMENT:

Flame and air mixer adjustments and the By-Pass Flame adjustment for the Main Burner are done at the factory. These adjustments are sealed before the oven leaves the factory. **Contact an authorized Service Agency if you need help.**

## 9. THERMOSTAT CALIBRATION:

No attempt should be made to calibrate the thermostat because it is accurately calibrated and sealed by the manufacturer. **Contact an authorized Service Agency if you need help.**

## 10. FLAME DIVERTERS:

Flame diverters distribute the heat evenly below the baking deck. They must be in good condition and properly placed above the burners in the burner chamber in order to be effective. Damaged or improperly installed flame diverters adversely affect the oven performance. Make sure that the 'V' shaped diverters are pushed all the way to the back of the oven as far as they will go. Check them periodically and replace them as necessary.

## II. OPERATING INSTRUCTIONS

**NOTE:** Only *Pizza* and *Bread* Products can have direct contact with Fiberment Decks. All other food products must be placed in a pan or containers to avoid direct contact with Fiberment Decks.

If gas odor is detected at any time, immediately shut-off the gas supply valve for the oven. Do not permit any open flames in the area of the oven. Immediately contact an authorized Service Agency or your local Gas Supply Company.

Initial heating of the oven must be done in a well ventilated area as it may generate smoke or fumes. Over exposure to smoke or fumes may cause nausea or dizziness.

### 1. LIGHTING PROCEDURE:

- (a) Light the Main Burner following the instructions in Section 7A of the Installation Instructions.

### 2. BREAKING IN:

It is important to follow the stone drying procedure in stone installation section before baking in a new oven:

- (a) Set the thermostat at least 50°F (10°C) lower than your baking temperature.
- (b) Pre-heat the oven for 1 to 3 hours before use.
- (c) After pre-heating, raise the temperature to your baking temperature.
- (d) Experiment baking until you get the feel of the oven and the speed of the bake.

### 3. BAKING:

Pizza can be baked on the deck, on a screen or in a pan. When you determine the combination of ingredients and temperature that gives the right bake for your crust, sauce, and cheese combination, and your customer's taste, mark and keep it.

Deck baking refers to baking Pizza directly on the deck. Generally it is a thin product that requires temperature of at least 550°F (290°C).

Screen baking refers to baking Pizza on a screen. The screen lifts the Pizza off the deck. The screen may be removed near the end of the bake time to give the bottom of the Pizza crispier crust and a darker color. Bake temperatures range from 500°F (260°C) to 550°F (290°C).

Pan baking refers to baking Pizza in pans. Crusts can be thick or thin and toppings range from light to heavy.

Baking temperatures for pan baking range from 450°F (235°C) to 500°F (260°C).

### 4. RECOMMENDED OPERATING PROCEDURE:

**It is very important that at the end of day's operation, the gas shut off valve of the Main Burner is turned to the 'off' position, leaving only the pilot burner 'ON' overnight.**

#### **Preheating:**

- (a) Turn the gas cock dial of the main burner to the 'ON' position.
- (b) Preheat the oven for 1 to 3 hours at 50°F (10°C) lower than your baking temperature,

#### **Baking:**

- (a) After preheating, raise the thermostat setting to your baking temperature.
- (b) Check the bottom color of the Pie and close the push/pull slides partially (halfway) after the 4th or 5th bake to maintain the desired color.

When slow or idling, open the push/pull slides fully and set the thermostat at least 50°F (10°C) lower than your baking temperature.

### 5. HELPFUL HINTS:

- (a) An instructions plate is attached behind the damper knobs indicating how to set the oven for more top or bottom heat. Opening the dampers allow more heat to enter the baking chamber from the combustion/ burner compartment. Closing the dampers keep more heat in the combustion / burner compartment to keep the baking deck hotter.
- (b) If the oven is up to Pizza baking temperature and has not been used for a while, there is a tendency for the baking deck to get hotter. In this condition, when you put in one Pizza, TURN THE THERMOSTAT UP, so that the main burner flame is burning at its fullest, providing the extra heat needed to balance the bottom heat. The thermostat should be turned down back to the normal setting as soon as you have baked the Pizza.
- (c) Frequently scrape and brush off decks to remove burnt residue which can cause an 'off' flavor and bake times to increase.

- (d) Heavily topped Pizza or Pan Pizza requires lower bake temperatures and longer bake times as compared to a regular thin Pizza with light toppings.
- (e) Bubbles in fresh dough indicate under proofed or cold product. Allow the dough balls to proof to double in size and warm temperature before baking.
- (f) Any type of Pan or Screen may be used in this oven. When choosing pans, be sure to pick a pan which is closest in height of your product. **Dark color pans and screens transfer heat better than light colored aluminum pans or screens.** They must be seasoned before use.

### III. CLEANING AND MAINTENANCE

**This appliance must be serviced by an Authorized Service Technician only. Disconnect the power supply before cleaning or servicing the oven.**

Regular and thorough cleaning will help to keep the ovens operating properly. If service is required, contact an Authorized Service Agency, your dealer or the factory to obtain a qualified technician for the required maintenance/service.

#### 1A. OVEN EXTERIOR:

- (a) Deposits of baked-on splatter and grease, or discoloration may be removed with the stainless steel cleaner or by using any commercial cleaner recommended for stainless steel. Bakers Pride. RINSE WELL
- (b) A thin coat of light oil will add to the appearance of the oven.

**NOTE: Apply stainless steel cleanser only when the oven is cold. Always rub with the grains and apply very light pressure.**

#### 1B. PAINTED SURFACES:

- (a) Washing with mild soap and water solution is adequate to keep the painted surfaces clean.
- (b) Apply a thin coat of oil to protect and enhance the finish

#### 2. CONTROL PANEL:

Every six months (more frequently if the oven is used heavily) the bottom door spring mechanism and all moving parts must be inspected for wear.

**Do not apply grease to spring lever shoulder bolt, spring roller or the door rod and the door pin. They have a self-lubricating insert that will be damaged if lubricated.**

#### 3. FLUE VENT:

Ventilation system must be inspected every six months and maintained clean and free of obstructions.

#### 4. OVEN INTERIOR:

Clean the oven interior only when the oven is cold. Use only the detergent solutions and cleaners that meet the national and / or local codes.

##### (a) BAKING CHAMBER:

Clean the ceiling and the walls of the baking chamber with a mild soap and water solution. **Do not use oven cleaners, caustic solutions or mechanical means as they will damage the interior aluminized surface.**

##### (b) BAKING DECKS:

**The baking decks are heavy and fragile. They should be handled carefully.**

The baking decks should be cleaned by using a long-handled scraper and stiff wire brush. At the end of each day, turn the thermostat up to its maximum setting and let the oven sit at that temperature for at least ½ hour. This will burn off the food spilled onto the baking decks during day's production and turn it into ash. This ash can be brushed off the next day before turning the oven on. The baking decks should be scraped and brushed during the day also to help keep them clean. To remove excessive crumbs or carbon, the baking decks and the oven cavity may be vacuumed when the oven is cold. **Do not use water or other liquids on the baking decks as that may cause them to crack.** After long use, heavily soiled baking decks may be cleaned by turning over after scraping down and brushing off. This will burn off the heavily soiled side of the baking decks. This procedure may be repeated as needed.

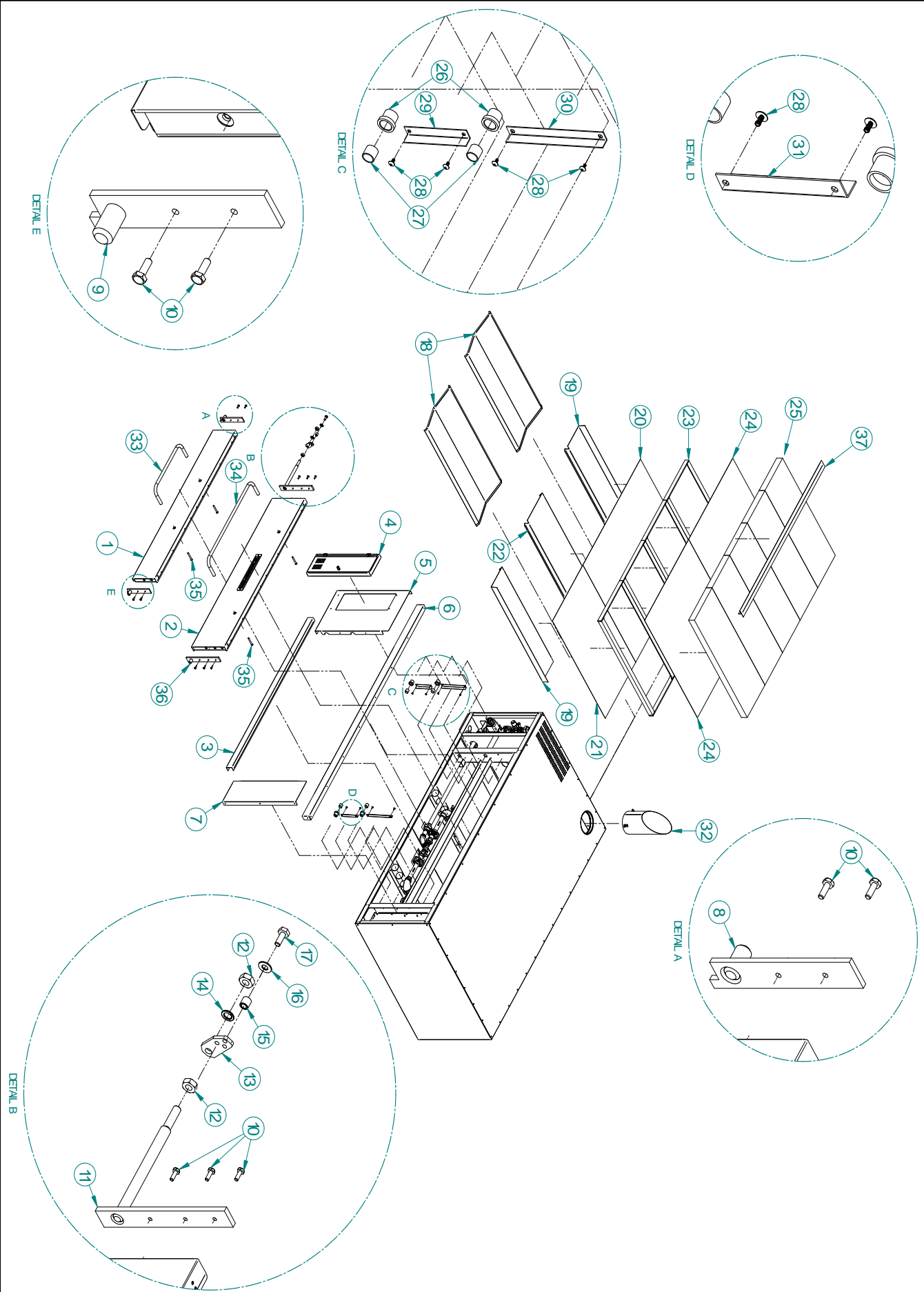
##### (c) BURNER COMPARTMENT:

Vacuum out any carbon, crumbs or residue in the burner compartment and all around the doors, the holes and louvers on the outer surfaces of the oven must be kept free of obstructions to allow free movement of air into the controls and for proper combustion. The burner ports and crossover holes should be kept free of carbon and other deposits.

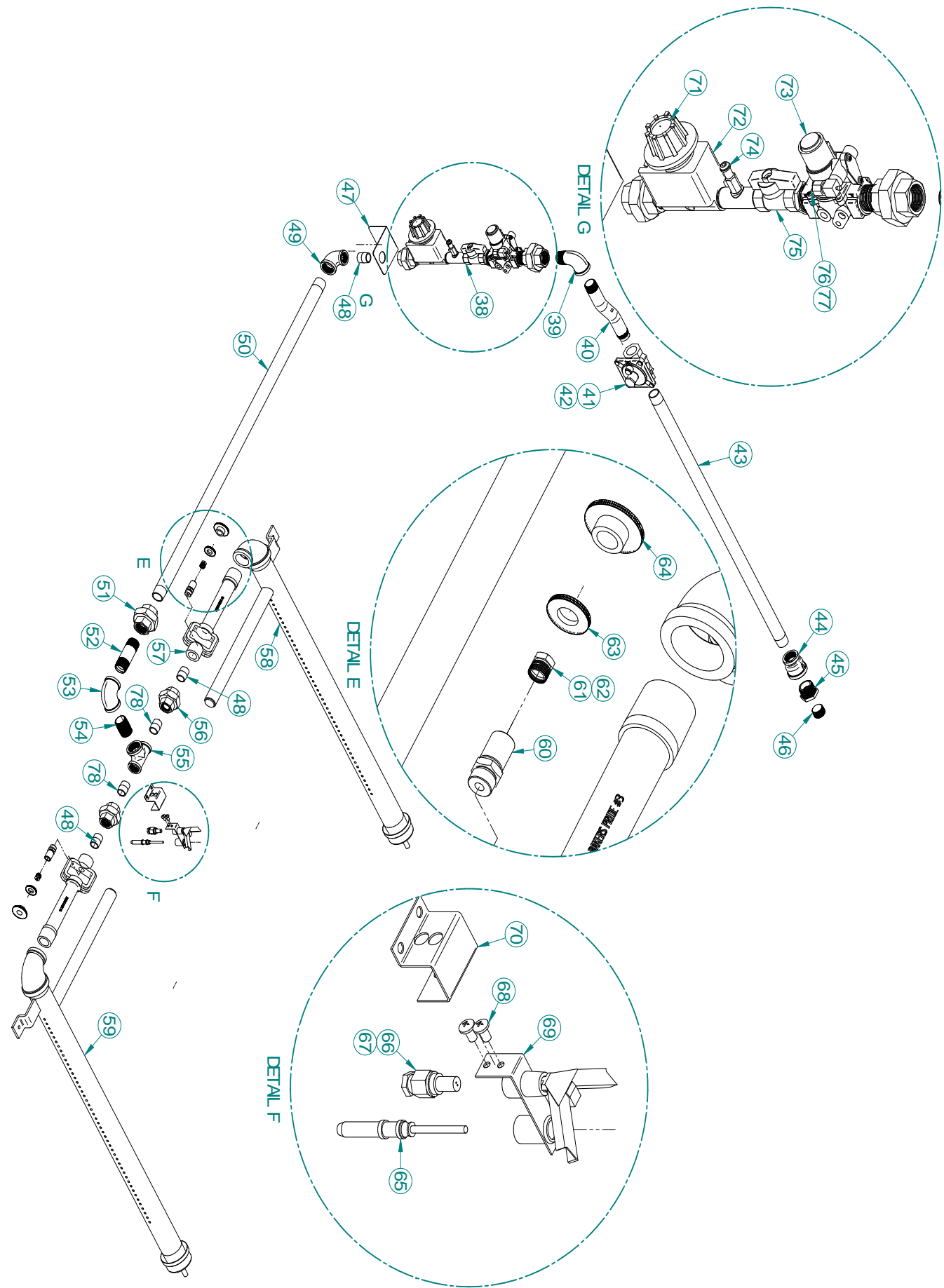
## 5. TROUBLESHOOTING CHART

PROBLEM	PROBABLE CAUSE	REMEDY
No Pilot Light	Gas valve feeding oven may be in the closed Position	Turn gas valve on. Relight pilot.
Main Burner(s) do not light	Gas valve feeding oven may be in the closed position	Turn gas valve on. Relight pilot.
	Thermopile may not be positioned in pilot flame.	Ensure that the tip of thermopile is in pilot flame.
	Thermopile may be defective	Call local authorized Bakers Pride Service Agent.
Oven too Hot	Thermostat set too high.	Lower the thermostat setting and see if flame reduces in size. Allow several hours for heat to regulate.
	Thermostat may be defective	Call local authorized Bakers Pride Service Agent.
Bottom of pies are undercooked	If the same area of the deck is used repeatedly, the deck temperature in that area will be reduced.	Rotate pies to unused areas of the bake deck that are hotter and will cook the bottoms faster.
Bottom of pies bum before toppings are cooked	Deck temperature too hot - Especially during slow periods.	Reduce Thermostat setting by 50° - 75° below normal bake temperature. When decks cool begin cooking and immediately increase the thermostat setting by 50° - 75°.
	Oven was left "ON" overnight	Oven must be turned to "Pilot" position overnight. It should not be left on a high temperature setting.
	Exhaust fan too powerful.	Reduce fan speed.
Pies cook Unevenly	Areas adjacent to oven walls are generally hotter.	Rotate pies (180°), once during each bake or keep to the center of oven.
Oven does not Turn On or Off on time. (Ovens equipped w/auto oven starter only)	Power cord not plugged in.	Plug unit in.
	Electrical outlet fuse/circuit breaker is tripped.	Replace fuse or reset circuit breaker.
	Timer incorrectly set.	Reset Timer.
Unit takes too long to reach temp.	Gas volume or gas pressure may be inadequate.	Contact gas supplier.
		Call local authorized Bakers Pride Service Agent.

# VANTAGE 600/800 EXPLODED VIEW



# VANTAGE 600/800 CONTROLS/BURNERS



## VANTAGE 600 PARTS LIST

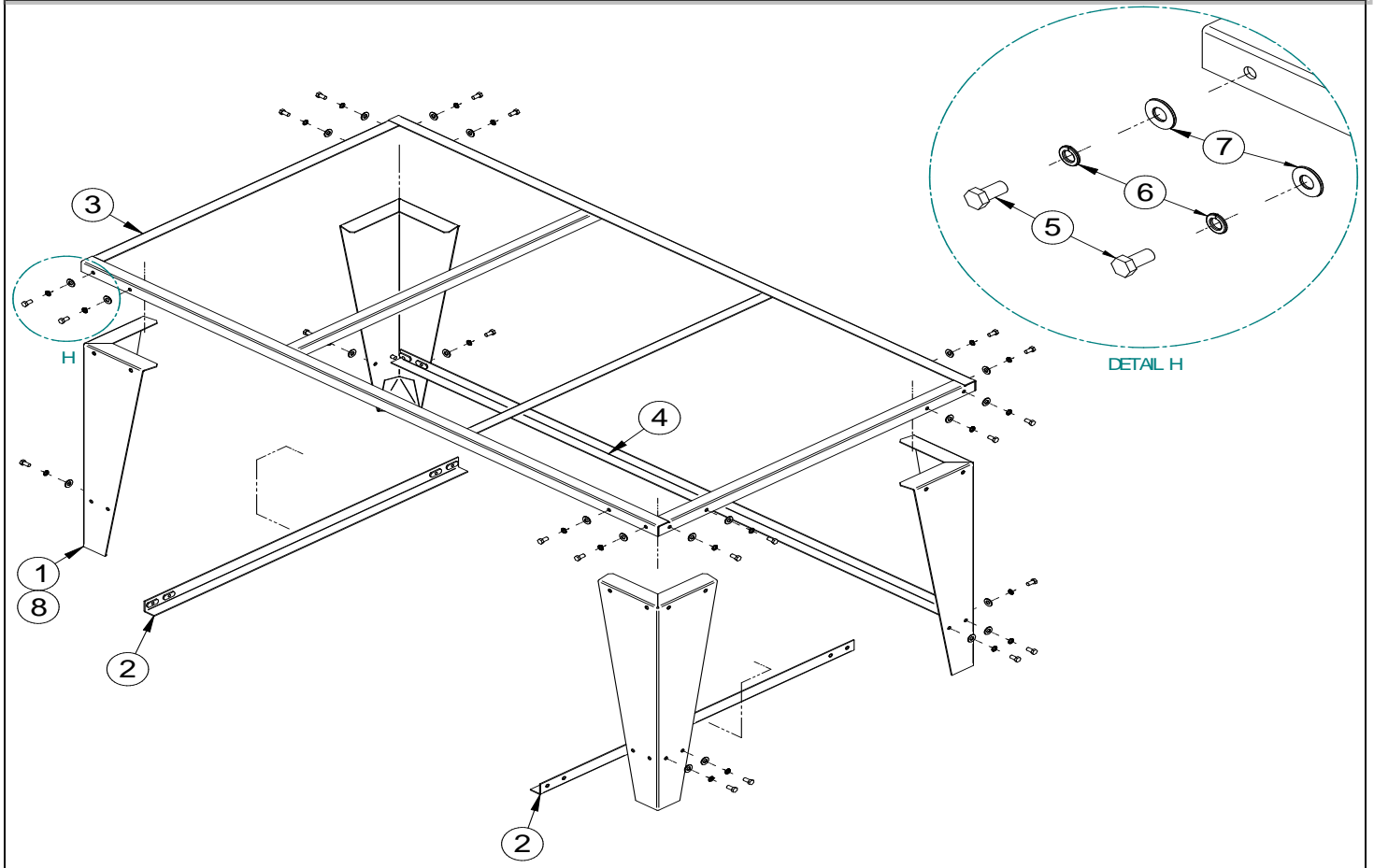
ITEM	PART #	QTY	DESCRIPTION	ITEM	PART #	QTY	DESCRIPTION
1	21910315	1	ASSY, BOTTOM DOOR V600	40	N5232A	1	NIPPLE, 3/4" x 6-3/4" BLK PIPE, 3/4" OFFSET
2	21910314	1	ASSY, TOP DOOR V600	41	M1508A	1	REGULATOR, RV48L 3.5" W.C., 3/4" NAT
3	21910149	1	BOTTOM TRIM	42	M1509A*	1	REGULATOR, RV48L 10" W.C., 3/4" LP
4	A4980T	1	CONTROL PANEL SLEEVE, SS	43	21910177	1	NIPPLE, 3/4" x 27-11/16" BLK PIPE
5	21910147	1	PANEL, FRONT CONTROL SIDE	44	N3007A	1	COUPLING, 1" x 3/4" REDUCING, BLK PIPE
6	21910153	1	TOP TRIM	45	N3008A	1	BUSHING, 1" x 3/4" REDUCING, BLK PIPE
7	21910148	1	PANEL, FRONT RT SIDE	46	N3022A	1	PLUG, 3/4" STEEL PIPE, W/1/2" SQ RECESS
8	21910313	1	WELDMENT, LOWER DOOR ARM LT	47	21910169	1	BRACKET, MANIFOLD SUPPORT
9	21910316	1	WELDMENT, LOWER DOOR ARM RT	48	N5010A	6	NIPPLE, 1/2" x 1-1/8", BLK PIPE
10	Q2025A	10	BOLT, 1/4-20 X 3/4 HEX HD ZINC	49	N3021A	1	REDUCING ELBOW, 3/4" x 1/2" 90° BLKSTL
11	21910310	1	WELDMENT, TOP DOOR ARM LEFT	50	21910151	1	NIPPLE, 3/4" x 34-15/16" BLK STL
12	Q2401A	2	NUT, HEX 9/16-18	51	300235	2	3/4" BLK STL UNION
13	S3275A	1	DOOR SPRING ARM, 2.78"	52	N5218A	1	NIPPLE, 3/4" x 3" BLK STL
14	Q3007A	1	WASHER, 9/16 SPLIT LOCK	53	N3004A	1	ELBOW, 3/4" 90 ° BLK STL
15	S3007A	2	BUSHING ASSY, PTFE .5/.63 x .56	54	N5213A	1	NIPPLE, 3/4" x 1-1/2" BLK STL
16	Q3010A	4	WASHER, 3/8-7/16 x 1" x 5/64 FLAT	55	N3012A	1	REDUCING TEE, 1/2" x 1/2" x 3/4" BLK STL
17	Q2301A	1	BOLT, 3/8-16 x 9/32 x 1 SHOULDER	56	N3009A	3	1/2" BLK STL UNION
18	A3079K	2	FLAME DIVERter SLIDE (35")	57	L5001A	2	INSPIRATOR, #3 BLK
19	21910159	2	HANGER, FLAME DIVIDER	58	L5121T	1	BURNER ASSY, LH
20	A4132Z	1	HEARTH LINER SHEET,LG [Y6]	59	L5122T	1	BURNER ASSY, RH
21	A4133Z	1	PANEL - HEARTH PAN	60	R3004A	2	SPUD HOLDER #3
22	21910160	1	HANGER, FLAME DIVIDER CENTER	61	R3117P	2	ORIFICE, #25 NAT, #3 SPUD
23	A8030T	4	FRAME ASM, HEARTH SUPPORT	62	R3011P*	2	ORIFICE, #42 LP, #3 SPUD
24	A8046Z	2	PANEL, HEARTH PAN	63	R3006A	2	LOCKING DISK, SPUD
25	T1380A	5	STONE HEARTH, AWMCO 36" x 12" x 2"	64	R3005A	2	ADJUSTING DISK #3 SPUD
26	S3134A	5	BUSHING, .81/.88 ID x 1 x 1.25 OD	65	2093260	1	THERMOCOUPLE, 60" HIGH MV OUTPUT

27	S3133A	5	SLEEVE, DURALON .75 ID x .88 OD	66	2092903	1	ORIFICE, PILOT NAT
28	Q1488A	8	SCREW, 10-32 x 3/8" TRUSS HD PHP NYLK	67	2092904*	1	ORIFICE, PILOT LP
29	21910156	1	JAM, DOOR BOTTOM LT SIDE	68	8163100	2	M/S PN HD PHP, 10-32 x 1/4" ZN
30	A8016K	2	ANGLE, DOOR JAM	69	2092800	1	PILOT
31	21910157	1	JAM, DOOR BOTTOM RT SIDE	70	21910131	1	BRACKET, PILOT
32	R3115A	1	FLUE DEFLECTER	71	S1056A	1	KNOB, THERMOSTAT, 650 "F", GAS BLACK
33	S1002A	1	DOOR HANDLE, 3/4" x 17-1/2"	72	M1507A	1	THERMOSTAT, 650°F, FDH
34	S1196A	1	DOOR HANDLE, 3/4" x 30"	73	2092702	1	VALVE, PILOT SAFETY
35	Q2229A	4	SCREW, 5/16-18 X 2-1/2" FLAT HD ZN	74	N3068P	1	PRESSURE TAP ASSY
36	21910312	1	WELDMENT, TOP DOOR ARM RIGHT	75	2069600	1	VALVE, BALL 1/2" GAS, 1/4 TURN
37	A8061k	1	COVER, HEARTH TRIM	76	340361	1	VALVE, 90° PILOT 1/8NPT x 1/4CC
38	21910320	1	CONTROL ASSY, V600	77	21910162*	1	TUBE, FLEX 1/4" OD x 72"
39	N3059A	1	ELBOW, 3/4" STREET	* INDICATES NOT SHOWN			

VANTAGE 800 PARTS LIST							
ITEM	PART #	QTY	DESCRIPTION	ITEM	PART #	QTY	DESCRIPTION
1	21910315	1	ASSY, BOTTOM DOOR V600	40	N5232A	1	NIPPLE, 3/4" x 6-3/4" BLK PIPE, 3/4 OFFSET
2	21910314	1	ASSY, TOP DOOR V600	41	M1508A	1	REGULATOR, RV48L 3.5" W.C., 3/4" NAT
3	21910149	1	BOTTOM TRIM	42	M1509A*	1	REGULATOR, RV48L 10" W.C., 3/4" LP
4	A4980T	1	CONTROL PANEL SLEEVE, SS	43	21910277	1	NIPPLE, 3/4" x 27-11/16" BLK PIPE
5	21910247	1	PANEL, FRONT CONTROL SIDE	44	N3007A	1	COUPLING, 1" x 3/4" REDUCING, BLK PIPE
6	21910153	1	TOP TRIM	45	N3008A	1	BUSHING, 1" x 3/4" REDUCING, BLK PIPE
7	21910148	1	PANEL, FRONT RT SIDE	46	N3022A	1	PLUG, 3/4" STEEL PIPE, W/1/2" SQ RECESS
8	21910313	1	WELDMENT, LOWER DOOR ARM LT	47	21910169	1	BRACKET, MANIFOLD SUPPORT
9	21910316	1	WELDMENT, LOWER DOOR ARM RT	48	N5010A	3	NIPPLE, 1/2" x 1-1/8", BLK PIPE
10	Q2025A	10	BOLT, 1/4-20 X 3/4 HEX HD ZINC	49	N3021A	1	REDUCING ELBOW, 3/4" x 1/2" 90° BLK STL
11	21910311	1	WELDMENT, TOP DOOR ARM LEFT	50	21910251	1	NIPPLE, 3/4" x 37-15/16" BLK STL
12	Q2401A	2	NUT, HEX 9/16-18	51	300235	2	3/4" BLK STL UNION
13	S3275A	1	DOOR SPRING ARM, 2.78"	52	N5218A	1	NIPPLE, 3/4" x 3" BLK STL

14	Q3007A	1	WASHER, 9/16 SPLIT LOCK	53	N3004A	1	ELBOW, 3/4" 90 ° BLK STL
15	S3007A	2	BUSHING ASSY, PTFE .5/.63 x .56	54	N5213A	1	NIPPLE, 3/4" x 1-1/2" BLK STL
16	Q3010A	4	WASHER, 3/8-7/16 x 1" x 5/64 FLAT	55	N3012A	1	REDUCING TEE, 1/2" x 1/2" x 3/4" BLK STL
17	Q2301A	1	BOLT, 3/8-16 x 9/32 x 1 SHOULDER	56	N3009A	3	1/2" BLK STL UNION
18	A4265K	2	FLAME DIVERter SLIDE (43")	57	L5001A	2	INSPIRATOR, #3 BLK
19	21910259	2	HANGER, FLAME DIVIDER	58	L5124T	1	BURNER ASSY, LH
20	A4135Z	1	HEARTH LINER SHEET, LG [Y8]	59	L5125T	1	BURNER ASSY, RH
21	A8531T*	1	HEARTH FRAME ASM SMALL-Y8	60	R3004A	2	SPUD HOLDER #3
22	21910260	1	HANGER, FLAME DIVIDER CENTER	61	R3117P	2	ORIFICE, #25 NAT, #3 SPUD
23	A8530T	2	HEARTH FRAME ASM - Y8	62	R3011P*	2	ORIFICE, #42 LP, #3 SPUD
24	A8534Z	2	PANEL, HEARTH PAN	63	R3006A	2	LOCKING DISK, SPUD
25	T1382A	5	STONE HEARTH, AWMCO 44" x 13" x 2"	64	R3005A	2	ADJUSTING DISK #3 SPUD
26	S3134A	5	BUSHING, .81/.88 ID x 1 x 1.25 OD	65	2093260	1	THERMOCOUPLE, 60" HIGH MV OUTPUT
27	S3133A	5	SLEEVE, DURALON .75 ID x .88 OD	66	2092903	1	ORIFICE, PILOT NAT
28	Q1488A	8	SCREW, 10-32 x 3/8" TRUSS HD PHP NYLK	67	2092904*	1	ORIFICE, PILOT LP
29	21910156	1	JAM, DOOR BOTTOM LT SIDE	68	8163100	2	M/S PN HD PHP, 10-32 x 1/4" ZN
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32	R3115A	1	FLUE DEFLECTER	71	S1056A	1	KNOB, THERMOSTAT, 650 "F", GAS BLACK
33	S1002A	1	DOOR HANDLE, 3/4" x 17-1/2"	72	M1507A	1	THERMOSTAT, 650°F, FDH
34	S1196A	1	DOOR HANDLE, 3/4" x 30"	73	2092702	1	VALVE, PILOT SAFETY
35	Q2229A	4	SCREW, 5/16-18 X 2-1/2" FLAT HD ZN	74	N3068P	1	PRESSURE TAP ASSY
36	21910312	1	WELDMENT, TOP DOOR ARM RIGHT	75	2069600	1	VALVE, BALL 1/2" GAS, 1/4 TURN
37	A8061k	1	COVER, HEARTH TRIM	76	340361	1	VALVE, 90° PILOT 1/8NPT x 1/4CC
38	21910320	1	CONTROL ASSY, V600	77	21910162*	1	TUBE, FLEX 1/4" OD x 72"
39	N3059A	1	ELBOW, 3/4" STREET	78	N5006A	2	NIPPLE, 1/2" X 3-1/2", BLK PIPE
* INDICATES NOT SHOWN							

# VANTAGE 600/800 STAND EXPLODED VIEW



V600 STAND PARTS LIST

ITEM	PART #	QTY	DESCRIPTION
1	21910323	4	ASSY, STAND LEG
2	21910317	2	SIDE BRACE
3	21910318	1	ASSY, STAND TOP
4	21910319	1	REAR BRACE
5	Q4700A	28	SCREW, 3/8-16 x 3/4, #5 CAP, HX HD
6	Q3006A	28	WASHER, 3/8" SPLIT-LOCK
7	Q3010A	28	3/8" FLAT WASHER
8	21910321*	2	ASSY, STAND LEG, W/LOCKING CASTER
9	21910322*	2	ASSY, STAND LEG, W/CASTER
* INDICATES NOT SHOWN			

V800 STAND PARTS LIST			
ITEM	PART #	QTY	DESCRIPTION
1	21910323	4	ASSY, STAND LEG
2	21910324	2	SIDE BRACE
3	21910325	1	ASSY, STAND TOP
4	21910326	1	REAR BRACE
5	Q4700A	28	SCREW, 3/8-16 x 3/4, #5 CAP, HX HD
6	Q3006A	28	WASHER, 3/8" SPLIT-LOCK
7	Q3010A	28	3/8" FLAT WASHER
8	21910321*	2	ASSY, STAND LEG, W/LOCKING CASTER
9	21910322*	2	ASSY, STAND LEG, W/CASTER
* INDICATES NOT SHOWN			



## 7. BAKERS PRIDE LIMITED WARRANTY

30 Pine Street New Rochelle, New York 10801

914/576-0200 ♦ US & Canada: 1 - 800-431 -2745 + fax 914/576- 0605

### WHAT IS COVERED

This warranty covers defects in material and workmanship under normal use, and applies only to the original purchaser providing that:

- The equipment has not been accidentally or intentionally damaged, altered or misused;
- The equipment is properly installed, adjusted, operated and maintained in accordance with National and local codes and in accordance with the installation instruction provided with the product;
- The serial number rating plate affixed to the equipment has not been defaced or removed.

### WHO IS COVERED

This warranty is extended to the original purchaser and applies only to equipment purchased for use in the U.S.A.

### COVERAGE PERIOD

Full size gas and electric deck ovens: Two (2) year limited parts and labor: Cyclone Convection Ovens: BCO Models: One (1) Year limited parts and labor; GDCO Models: Two (2) Year limited parts and labor; CO II Models: Two (2) Year limited parts and labor; (5) Year limited door warranty. All Other Products: One (1) Year limited parts and labor.

Warranty period begins the date of dealer invoice to customer or ninety (90) days after shipment date from BAKERS PRIDE whichever comes first.

### WARRANTY COVERAGE

This warranty covers on-site labor, parts and reasonable travel time and travel expenses of the authorized service representative up to (100) miles, round trip, and (2) hours travel time. The purchaser, however, shall be responsible for all expenses related to travel, including time, mileage and shipping expenses on smaller counter models that may be carried into a Factory Authorized Service Center, including the following models: PX-14, PX-16, P18 and BK-18.

### EXCEPTIONS

All removable parts in BAKERS PRIDE Char-broilers, including but not limited to: Burners, Grates, Radiant's, Stones and Valves, are covered for a period of SIX MONTHS.

All Ceramic Baking Decks are covered for a period of THREE MONTHS. The installation of these replacement decks is the responsibility of the purchaser.

The extended Cyclone door warranty years 3 through 5 is a parts only warranty and does not include labor, travel, mileage or any other charges.

### EXCLUSIONS

- Negligence or acts of God,
- Thermostat calibrations after (30) days from equipment installation date,
- Air and Gas adjustments,
- Light bulbs,
- Glass doors and door adjustments,
- Fuses,
- Char-broiler work decks and cutting boards,
- Tightening of conveyor chains,
- Adjustments to burner flames and cleaning of pilot burners,
- Tightening of screws or fasteners.
- Failures caused by erratic voltages or gas supplies,
- Unauthorized repair by anyone other than a BAKERS PRIDE Factory Authorized Service Center,
- Damage in shipment,
- Alteration, misuse or improper installation,
- Thermostats and safety valves with broken capillary tubes,
- Accessories — spatulas, forks, steak turners, grate lifters, oven brushes, scrapers, peels, etc.,
- Freight — other than normal UPS charges,
- Ordinary wear and tear.

### INSTALLATION

Leveling and installation of decks as well as proper installation and check out of all new equipment — per appropriate installation and use materials — is the responsibility of the dealer or installer, not the manufacturer.

### REPLACEMENT PARTS

BAKERS PRIDE genuine Factory OEM parts receive a (90) day materials warranty effective from the date of installation by a BAKERS PRIDE Factory Authorized Service Center.

This Warranty is in lieu of all other warranties, expressed or implied, and all other obligations or liabilities on the manufacturer's part. BAKERS PRIDE shall in no event be liable for any special, indirect or consequential damages, or in any event for damages in excess of the purchase price of the unit. The repair or replacement of proven defective parts shall constitute a fulfillment of all obligations under the terms of this warranty.

Form #U4177A 1/07