



OPERATION MANUAL

**HEARTHBAKE SERIES COUNTERTOP DECK OVENS**

**SERIES: DP, BK, PX, & P-18, 22, 24, 44, 46, 48**



**BUILT BY CRAFTSMEN. TESTED BY TIME®**



## COUNTERTOP ELECTRIC OVEN OPERATION MANUAL

### COUNTERTOP ELECTRIC OVENS

#### Series:

PX-14, PX-16, P-18, BK-18, P-22S, P-22BL, P-24S,  
P-44S, P-44BL, P-46S, P-48S, DP-2

All gas operated Bakers Pride® ovens are intended for use with the type of gas specified on the rating plate and for installation will be in accordance with National Fuel Gas Code ANSI Z223.1 (latest edition).

Please retain this manual for future references.

#### **WARNING**

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**

California Residents Only

WARNING: 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).

#### **CAUTION**

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.

#### **NOTICE**

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

This equipment is design engineered for commercial use only.



**BAKERS PRIDE OVEN COMPANY, LLC.**

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## COUNTERTOP ELECTRIC OVEN OPERATION MANUAL

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### SAFETY PRECAUTIONS

#### **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.



### INSTALLATION INSTRUCTIONS

#### Minimum Clearance for Installation

From combustible or non-combustible construction:  
Right side, Left side and Back: 3" (76mm)

#### Location

Due to the heat a countertop oven may produce, it must be placed on a non-combustible surface. Do not store combustible materials on top of any oven.

#### Electrical Connections

Suitable means, which will disconnect all ungrounded conductors of the circuit simultaneously, must be provided by the installer.

Make sure electrical supply corresponds with that specified on the rating plate located in the rear of the oven.

When installed, the unit must be connected by an earthing cable to all other units within the complete installation and thence to an independent earth connection.

Use copper conductors only, rated at 90° C.

If a line cord is used for the installation of the unit in Europe, it should be a minimum of H07RN-F type conforming to EN60 335-1 and/or local codes.

Use minimum conductor size as below:

- For models PX-14, PX-16, P-18, BK-18 and P-24S: 14 Gauge (1.5mm) for 220-240V, single phase supply.
- For models P-22S, P-22BL, P-44S, P-44BL, P-46S, P-48S and DP-2: 10 Gauge (2.5mm) for 220-240/380-415V, 3 phase supply.

#### Requirements For Installation

For portable units (Model PX-14 and PX-16) there are no special requirements.

For shipping purposes the optional 4" (100mm) legs are not mounted. For mounting legs, follow steps a - g.

- a. Remove the outer shipping carton and paper and place the oven on the floor or other flat surface.
- b. Remove legs, baking decks and any other materials from inside the unit.

- c. With sufficient help, tilt the unit back far enough to mount the two front legs and tighten with an adjustable wrench.
- d. After the front legs are tight, lift rear of unit approximately 5" (125mm) off the surface and block in position using wood or some other solid material. Now mount the two rear legs and tighten.
- e. Using the proper lifting equipment, move the unit to its final location.
- f. Adjust the bottom portion of legs to make level.
- g. Slide baking decks into each shelf. (See Installation of Decks on Page 5.)

#### Initial Start Up

After the electrical connections have been made, the oven will need approximately 2 to 3 hours to burn off.

### CAUTION

Overexposure to smoke or fumes may cause nausea and dizziness.

Initial heating of the oven may generate smoke or fumes and must be done in a well ventilated area.

For initial heating of the new oven, follow the steps below:

- Place the oven in a well ventilated area.
- Open the oven doors and remove any instructions or samples shipped within the unit. Make sure the oven cavity is empty and the baking decks are properly installed.
- With the oven doors open, turn the temperature knobs to 400° F (205° C) for one hour. Close the oven door. Increase the temperature to 500° F (260° C) for at least 1 1/2 hours.

This procedure will dry out the insulation and deck material and will help to insure optimum baking results thereafter.



## OPERATING INSTRUCTIONS

### NOTICE

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

### General Baking

Models: P-18, BK-18, P-22S, P-22BL, P-24S, P-44S, P-44BL, P-46S, P-48S, PX-14 and PX-16

- Preheat the oven by setting the thermostat to the desired temperature. When the thermostat light goes out and has cycled three times, the oven is ready for use.
- These ovens have been designed to bake both fresh and frozen products. Frozen fruit pies should be taken directly from the freezer and placed into the oven. Cooking time will vary with the size of the pie, but under normal conditions a frozen pie should bake approximately in the same time as a fresh pie.
- These ovens work well for toasting, melting cheese, baking frozen entrees, roasting small meat items, etc.
- The temperature range for pizza baking is usually between 500° F (260° C) and 575° F (300° C) depending on the individual product.
- Allow the pizza to bake until the cheese bubbles and the bottoms are evenly brown. (Rotate if necessary)
- The design of the PX-14 and PX-16 is such that normal baking temperature may be too high for good results. Set the thermostat approximately 25° F (15° C) BELOW normal setting. Adjust temperature as needed.
- Do not keep the oven door open too long when loading since heat will escape, resulting in slower baking.
- When production requirements are low, keep the temperature low to prevent the bottoms from burning.

- As demand increases, temperature should be raised for faster recovery.
- Fresh dough generally requires a slightly lower baking temperature and longer bake time than defrosted pre-baked crusts.

### General Baking Tips

- Pizza crusts should be fully defrosted before baking.
- Wet areas on the bottom of a pizza will cause them to stick to the deck. Avoid spills.
- For fresh dough pizza, flour or corn meal on the peel will prevent sticking and ease placement of the pizza on the deck.
- Increasing bake temperature during heavy production assists in maintaining temperature. After the rush is over, reduce temperature to prevent burning.
- Heavily topped pizzas require longer bake times at lower temperatures.
- Placing a screen under pizza will allow the top to cook without overcooking the bottom.

Frequently scrape and brush off decks to remove burned residue which can cause an off flavor to the product. Residue build-up can slow bake times. A deck scraper/brush specially designed for this available from Bakers Pride.

- Clean heavily soiled pizza decks by scraping down, brushing off, removing from oven, turning over and putting back. This procedure will burn off the decks and should be repeated every six months. DO NOT USE WATER TO CLEAN THE DECKS as this could cause the decks to crack.
- Using shiny pans or screens will produce products with light bottom color. We strongly suggest that all pans and screens be seasoned before use.



## COUNTERTOP ELECTRIC OVEN OPERATION MANUAL

### OPERATING INSTRUCTIONS

#### Special Features

- **Timer:** An electric timer is provided to give an audible, continuous signal at the end of a preset time up to 15 minutes (18 minutes with 50Hz supply) on pizza ovens, or 60 minutes (72 minutes with 50Hz supply) on bake ovens.
- **Optional Electronic Timer:** A Digital electronic 99 minute timer can be provided on all models to give an audible signal at the end of a pre-set time.

#### NOTICE

Timer does not control the oven.

- For PX-14 and PX-16 only: Individual switches are provided to turn off the top or the bottom heating element. This allows baking items that do not require direct top or bottom heat.
- For DP-2 only: Optional infinite control switches can be provided for fine balancing of top and bottom heat.

#### Cleaning

- Periodic cleaning is suggested to keep your oven in good shape.

#### ⚠ CAUTION

Always Clean The Oven When It Is Cold.

- When cleaning stainless steel, always wipe in the direction of the grain. Scrapers, brushes and stainless steel cleaner can be ordered from Bakers Pride for this purpose.
- From time to time the spillage should be scraped out. For hard to clean spillage, the following is suggested
- Turn the thermostat up to the highest setting and let the oven run for 1/2 hour with the door closed.
- Allow the oven to cool down.
- Brush residue from the deck.

#### NOTICE

Do Not Use Water To Clean Decks. Cracking May Result.

- Stainless steel surfaces should be cleaned with Bakers Pride stainless steel cleaner.

#### Service and Troubleshooting

The ovens are designed to be as trouble free as possible. Keeping the oven clean is all that is normally required. All servicing should be performed by a factory authorized technician only.

However, if your oven stops operating, please check the following:

- Power supply cord is plugged into the supply receptacle.
- Power supply fuse/circuit breaker has not tripped.

If the oven still does not operate, take the following steps:

- Disconnect the power supply to the unit by removing the supply cord and/or turning off the main switch.
- Contact the factory, factory representative or an authorized service agency.

#### NOTICE

Infinite control switches must be in a set position (other than off) in model DP-2 with optional infinite switches, for elements to operate.

A system wiring diagram is a part of this manual and is provided on the back of the unit.

For further information and to purchase the deck scraper/brush, or stainless steel cleaner, call Bakers Pride at: (972) 908-6148.

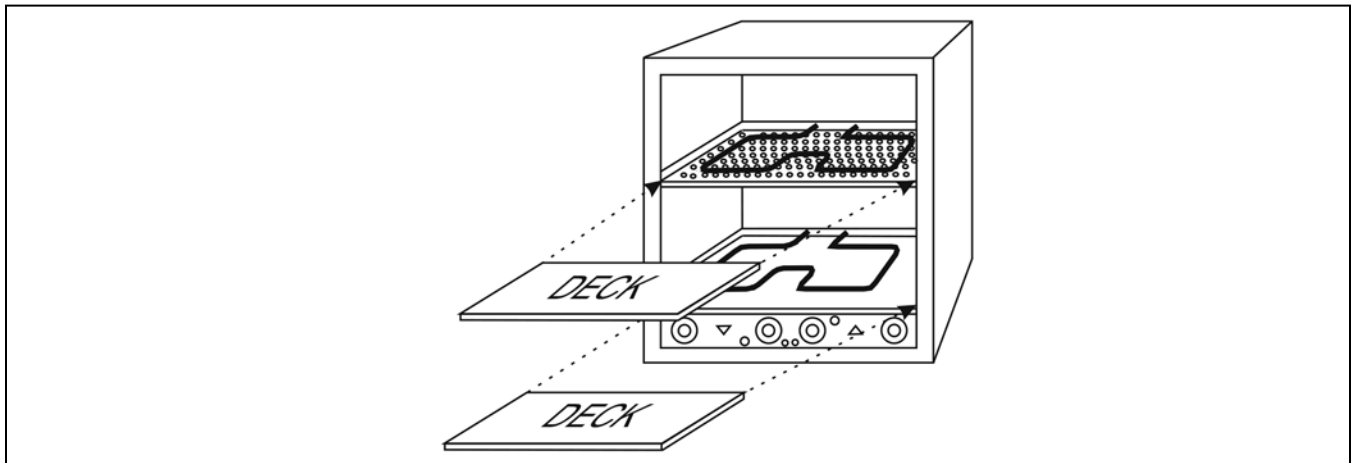


## OPERATING INSTRUCTIONS

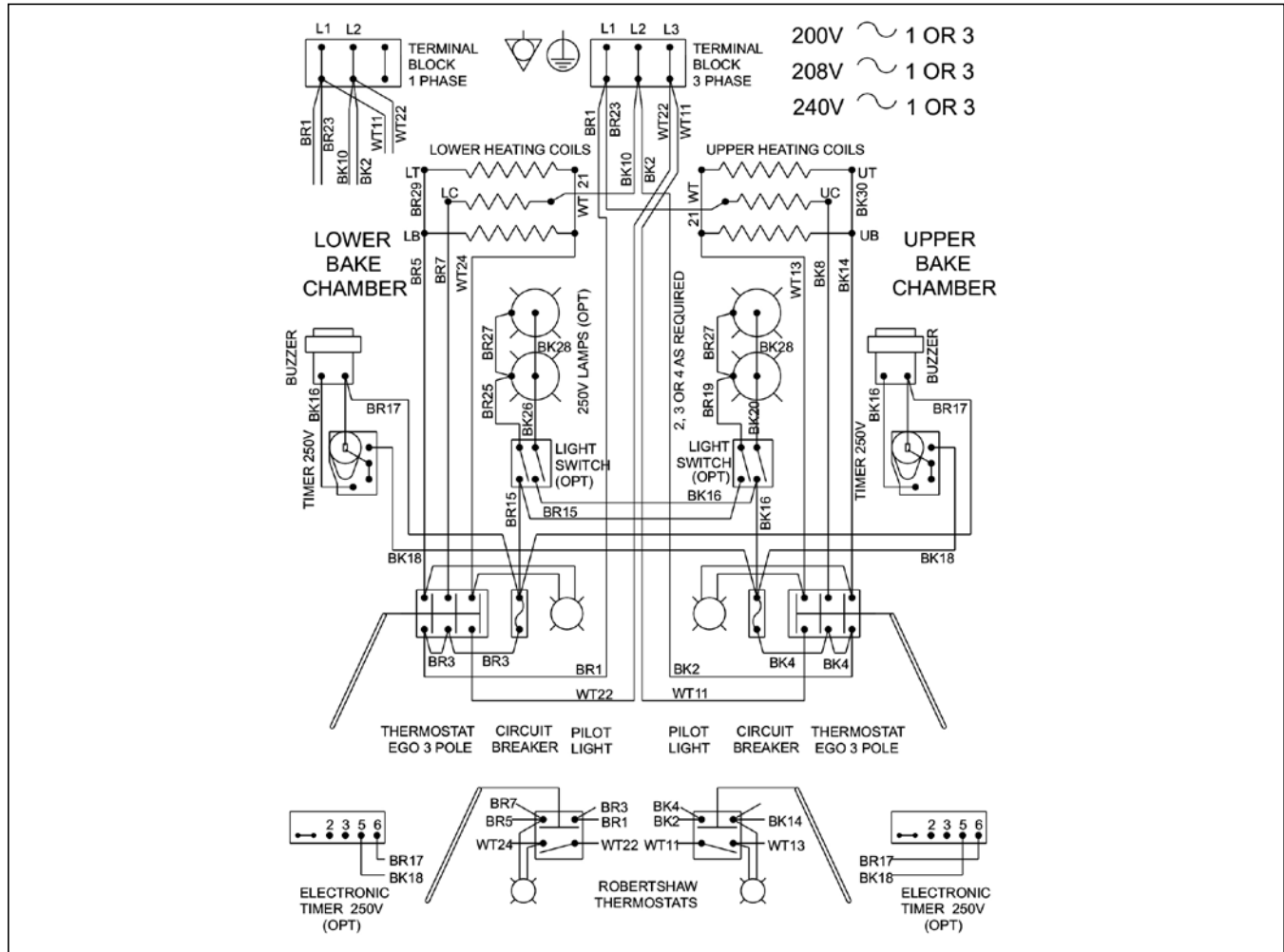
### Troubleshooting Chart

| PROBLEM                                        | PROBABLE CAUSE                                                                               | SOLUTION                                                                                                                                                                                          |
|------------------------------------------------|----------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Indicator light is out                         | Set temperature has been reached.                                                            | Take no action. The thermostat has turned off the power to the heat control switches, indicator lamps, contactors and heating elements. When oven starts to cool, all functions will be restored. |
|                                                | The infinite top and bottom heat control switches are "OFF". (DP-2 w/Infinite Switches only) | Turn switches to a position other than "OFF". This will allow indicator lamps, contactors and heating elements to operate.                                                                        |
|                                                | Power supply fuses or circuit breakers are blown or have been tripped.                       | Replace fuse or reset circuit breaker.                                                                                                                                                            |
|                                                | Power cord is unplugged.                                                                     | Plug in power cord.                                                                                                                                                                               |
| No power                                       | Power supply fuses or circuit breakers are blown or have been tripped.                       | Replace fuse or reset circuit breaker.                                                                                                                                                            |
|                                                | Power cord is unplugged.                                                                     | Plug in power cord.                                                                                                                                                                               |
| Oven too Hot                                   | Thermostat set too high.                                                                     | Lower the thermostat setting. Allow ample time for heat to regulate.                                                                                                                              |
|                                                | Thermostat may be defective.                                                                 | Call local authorized Bakers Pride Service Agent.                                                                                                                                                 |
| Bottom of pies are undercooked                 | Bottom infinite switch set too low. (DP-2 w/Infinite Switches only)                          | Increase setting.                                                                                                                                                                                 |
|                                                | Top Infinite switch set too high. (DP-2 w/Infinite Switches only)                            | Decrease setting.                                                                                                                                                                                 |
| Bottom of pies burn 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°.                                 |
|                                                | Bottom infinite switch set too high. (DP-2 w/ Infinite Switches only).                       | Decrease setting.                                                                                                                                                                                 |
|                                                | Bottom infinite switch set too high. (DP-2 w/ Infinite Switches only).                       | Increase setting.                                                                                                                                                                                 |
| 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.                                                                                                                          |

### Installation of Decks



## WIRING DIAGRAMS

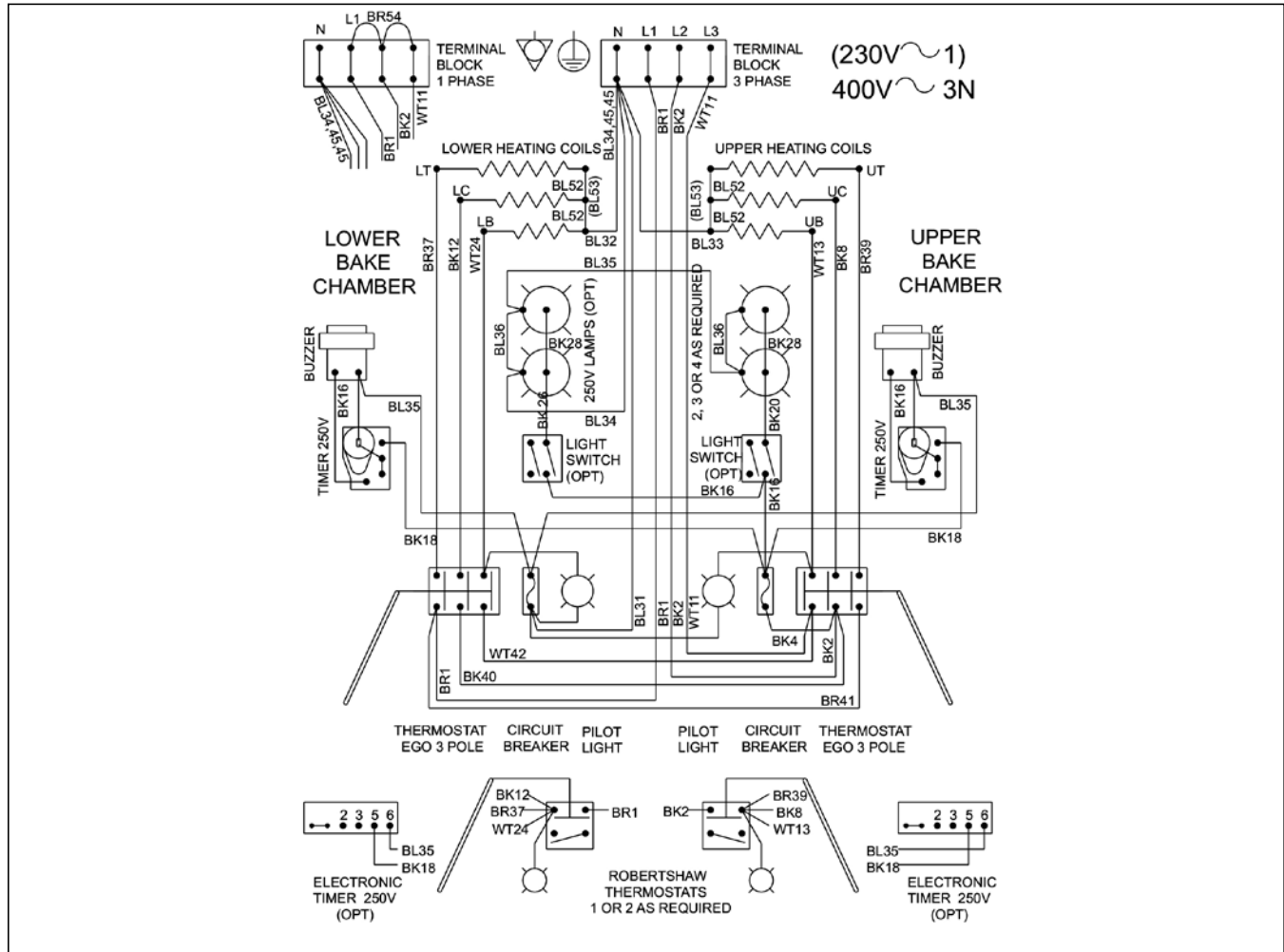


P-Series 2-Chamber - 1 PH, 2 W OR 3 PH, 3 W - Electrical Wiring Diagram & Tables

| Model | Volt A/C | 1 PHASE – 2 WIRE |       |            |       | 3 PHASE – 3 WIRE |      |      |                |      |      | Coil Location                               |                |       |       |       |       |
|-------|----------|------------------|-------|------------|-------|------------------|------|------|----------------|------|------|---------------------------------------------|----------------|-------|-------|-------|-------|
|       |          | Ampere           |       | Plug & No. |       | AMP – No Light   |      |      | AMP – W. Light |      |      | Watt Per Heating Coil & Total Watt Per Unit |                |       |       |       |       |
|       | UNIT     | COILS            | NO L. | W.L.       | USA   | CAN              | L1   | L2   | L3             | L1   | L2   | L3                                          | DP2            | P48S  | P46S  | P44S  | P44SH |
| DP2   | 200      | 200              | 25.3  | 25.7       | ⊖     | ⊖                | 12.6 | 12.6 | 25.3           | 13.0 | 13.0 | 25.3                                        | UT – Upper Top | 1,075 | 1,075 | 1,075 | 1,075 |
|       | 208      | 208              | 24.3  | 24.7       | ⊖     | ⊖                | 12.1 | 12.1 | 24.3           | 12.5 | 12.5 | 24.3                                        | UC – Upper Ctr | ----  | ----  | 1,450 | 1,450 |
|       | 240      | 230              | 22.0  | 22.3       | 6-30P | 6-30P            | 11.0 | 11.0 | 22.0           | 11.4 | 11.4 | 22.0                                        | UB – Upper Btm | 1,450 | 1,075 | 1,075 | 1,075 |
| P48S  | 200      | 200              | 21.5  | 21.9       | ⊖     | ⊖                | 10.8 | 10.8 | 21.5           | 11.2 | 11.2 | 21.5                                        | LT – Lower Top | 1,075 | 1,075 | 1,075 | 1,075 |
|       | 208      | 208              | 20.7  | 21.1       | ⊖     | ⊖                | 10.3 | 10.3 | 20.7           | 10.7 | 10.7 | 20.7                                        | LC – Lower Ctr | ----  | ----  | 1,450 | 1,450 |
|       | 240      | 230              | 18.7  | 19.0       | 6-30P | 6-30P            | 9.3  | 9.3  | 18.7           | 9.7  | 9.7  | 18.7                                        | LB – Lower Btm | 1,450 | 1,075 | 1,075 | 1,075 |
| P46S  | 200      | 200              | 28.8  | 29.4       | ⊖     | ⊖                | 18.0 | 18.0 | 21.5           | 18.6 | 18.6 | 21.5                                        | Total No Light | 5,050 | 4,300 | 5,750 | 7,200 |
|       | 208      | 208              | 27.6  | 28.2       | ⊖     | ⊖                | 17.3 | 17.3 | 20.7           | 17.9 | 17.9 | 20.7                                        | Total W. Light | 5,080 | 4,330 | 5,795 | 7,260 |
|       | 240      | 230              | 25.0  | 25.5       | 6-30P | 6-50P            | 15.7 | 15.7 | 18.7           | 16.2 | 16.2 | 18.7                                        |                |       |       |       |       |
| P44S  | 200      | 200              | 36.0  | 36.8       | ⊖     | ⊖                | 25.3 | 25.3 | 21.5           | 26.1 | 26.1 | 21.5                                        |                |       |       |       |       |
|       | 208      | 208              | 34.6  | 35.4       | ⊖     | ⊖                | 24.3 | 24.3 | 20.7           | 25.0 | 25.0 | 20.7                                        |                |       |       |       |       |
|       | 240      | 230              | 31.3  | 32.1       | 6-50P | 6-50P            | 22.0 | 22.0 | 18.7           | 22.7 | 22.7 | 18.7                                        |                |       |       |       |       |
| P44SH | 200      | 200              | 39.8  | 40.6       | ⊖     | ⊖                | 27.1 | 27.1 | 25.3           | 27.9 | 27.9 | 25.3                                        |                |       |       |       |       |
|       | 208      | 208              | 38.2  | 39.0       | ⊖     | ⊖                | 26.1 | 26.1 | 24.3           | 26.9 | 26.9 | 24.3                                        |                |       |       |       |       |
|       | 240      | 230              | 34.6  | 35.3       | 6-50P | 6-50P            | 23.6 | 23.6 | 22.0           | 24.3 | 24.3 | 22.0                                        |                |       |       |       |       |



## WIRING DIAGRAMS



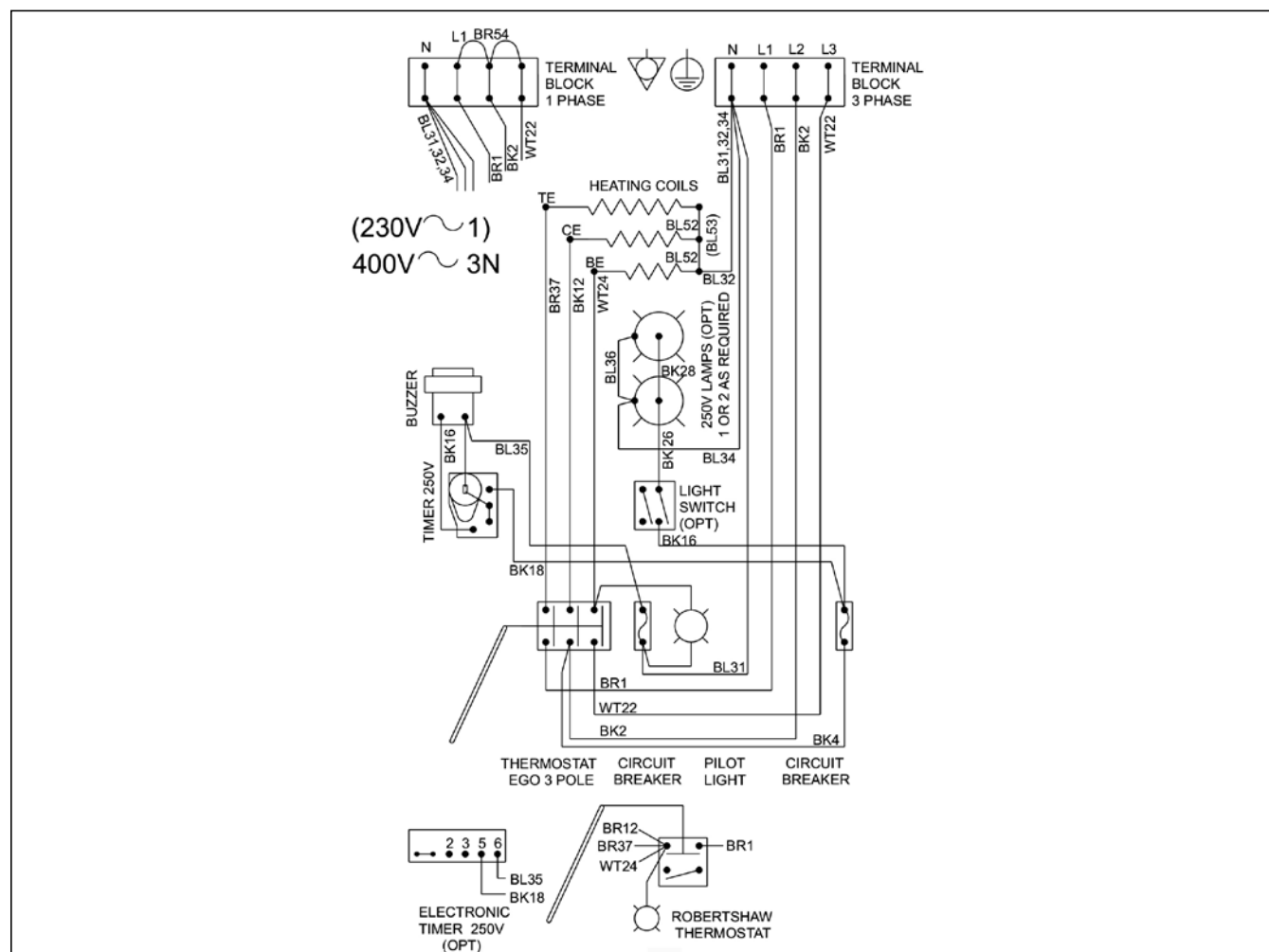
P-Series 2-Chamber - 3 PH, 4 W - Star - Electrical Wiring Diagram & Tables

| Model | Volt A/C |       | AMP – No Light |      |      |      | AMP – W. Light |      |      |      |
|-------|----------|-------|----------------|------|------|------|----------------|------|------|------|
|       | UNIT     | COILS | L1             | L2   | L3   | N    | L1             | L2   | L3   | N    |
| DP2   | 230      | 230   | 22.0           | ---  | ---  | 22.0 | 22.3           | ---  | ---  | 22.3 |
|       | 230/400  | 230   | 9.3            | 0.0  | 12.6 | 3.3  | 9.7            | 0.0  | 12.6 | 2.9  |
| P48S  | 230      | 230   | 18.7           | ---  | ---  | 18.7 | 19.0           | ---  | ---  | 19.0 |
|       | 230/400  | 230   | 9.3            | 0.0  | 9.3  | ---  | 9.7            | 0.0  | 9.3  | 0.4  |
| P46S  | 230      | 230   | 25.0           | ---  | ---  | ---  | 25.5           | ---  | ---  | 25.5 |
|       | 230/400  | 230   | 9.3            | 6.3  | 9.3  | 3.0  | 9.9            | 6.3  | 9.3  | 3.6  |
| P44S  | 230      | 230   | 31.3           | ---  | ---  | ---  | 32.0           | ---  | ---  | 32.0 |
|       | 230/400  | 230   | 9.3            | 12.6 | 9.3  | 3.3  | 10.0           | 12.6 | 9.3  | 3.3  |
| P44SH | 230      | 230   | 34.6           | ---  | ---  | ---  | 35.3           | ---  | ---  | 35.3 |
|       | 230/400  | 230   | 9.3            | 12.6 | 12.6 | 3.3  | 10.0           | 12.6 | 12.6 | 2.6  |

| Coil Location  | Watt Per Heating Coil & Total Watt Per Unit |       |       |       |       |
|----------------|---------------------------------------------|-------|-------|-------|-------|
|                | DP2                                         | P48S  | P46S  | P44S  | P44SH |
| UT – Upper Top | 1,075                                       | 1,075 | 1,075 | 1,075 | 1,075 |
| UC – Upper Ctr | ---                                         | ---   | 1,450 | 1,450 | 1,450 |
| UB – Upper Btm | 1,450                                       | 1,075 | 1,075 | 1,075 | 1,450 |
| LT – Lower Top | 1,075                                       | 1,075 | 1,075 | 1,075 | 1,075 |
| LC – Lower Ctr | ---                                         | ---   | ---   | 1,450 | 1,450 |
| LB – Lower Btm | 1,450                                       | 1,075 | 1,075 | 1,075 | 1,450 |
| Total No Light | 5,050                                       | 4,300 | 5,750 | 7,200 | 7,950 |
| Total W. Light | 5,080                                       | 4,330 | 5,795 | 7,260 | 8,010 |

# COUNTERTOP ELECTRIC OVEN OPERATION MANUAL

## WIRING DIAGRAMS

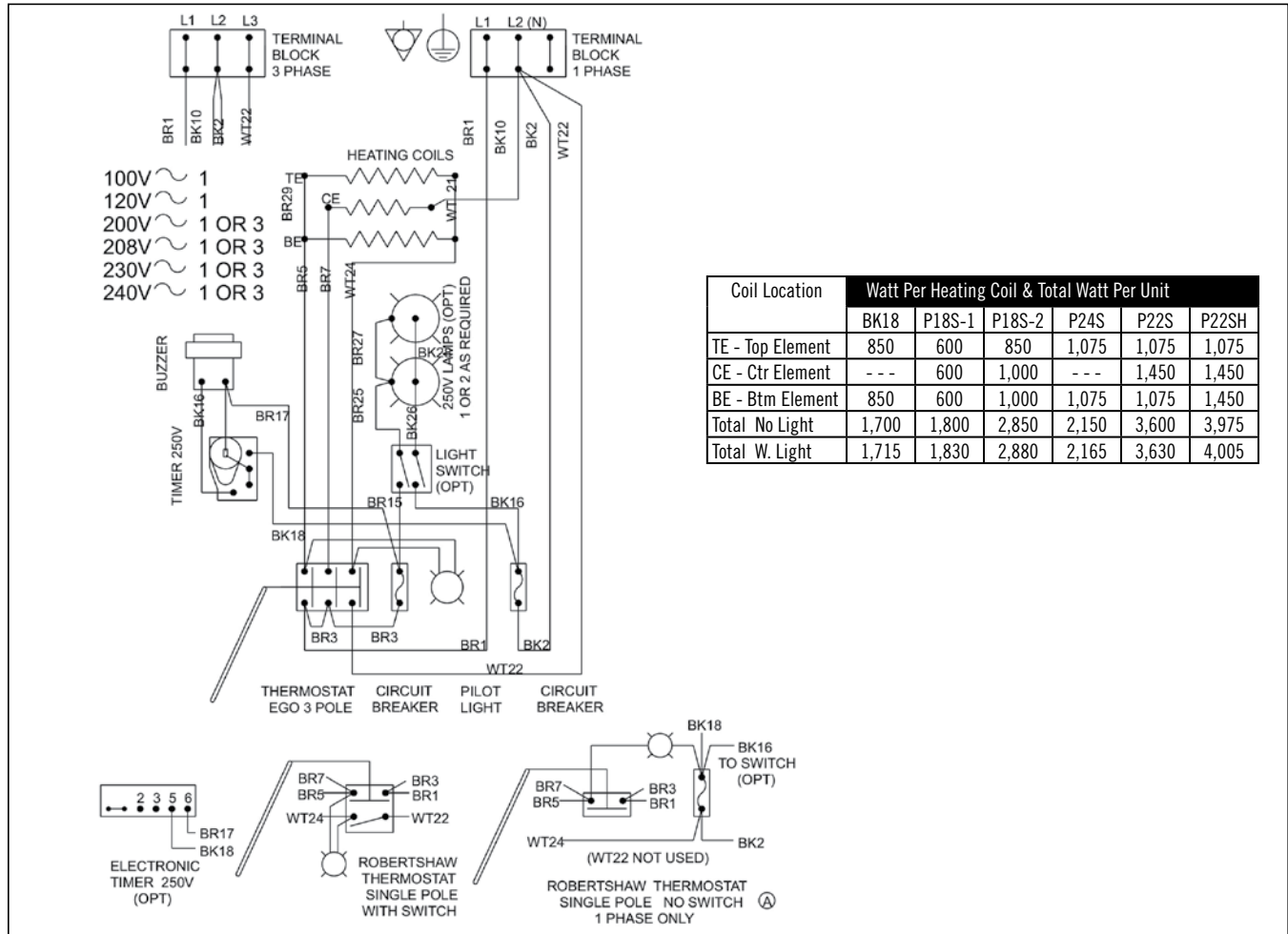


## P-Series 1-Chamber 3 PH, 4W - Star - Electrical Wiring Diagram & Tables

| Model | Volt A/C |       | AMP – No Light |     |     |      | AMP – W. Light |     |     |      |
|-------|----------|-------|----------------|-----|-----|------|----------------|-----|-----|------|
|       | UNIT     | COILS | L1             | L2  | L3  | N    | L1             | L2  | L3  | N    |
| BK18  |          |       |                |     |     |      |                |     |     |      |
|       | 230      | 230   | 7.4            | --- | --- | 7.4  | 7.6            | --- | --- | 7.6  |
|       | 230/400  | 230   | 3.7            | 0.0 | 3.7 | 0.0  | 3.7            | 0.2 | 3.7 | 0.2  |
| P18S  |          |       |                |     |     |      |                |     |     |      |
|       | 230      | 230   | 12.4           | --- | --- | 12.4 | 12.7           | --- | --- | 12.7 |
|       | 230/400  | 230   | 3.7            | 4.3 | 4.3 | 0.6  | 3.7            | 4.7 | 4.3 | 1.0  |
| P24S  |          |       |                |     |     |      |                |     |     |      |
|       | 230      | 230   | 9.3            | --- | --- | 9.3  | 9.5            | --- | --- | 9.5  |
|       | 230/400  | 230   | 4.7            | 0.0 | 4.7 | 0.0  | 4.8            | 0.2 | 4.8 | 0.2  |
| P22S  |          |       |                |     |     |      |                |     |     |      |
|       | 230      | 230   | 15.7           | --- | --- | 15.7 | 16.0           | --- | --- | 16.0 |
|       | 230/400  | 230   | 4.7            | 6.3 | 4.7 | 1.4  | 4.7            | 6.7 | 4.7 | 2.0  |
| P22SH |          |       |                |     |     |      |                |     |     |      |
|       | 230      | 230   | 17.3           | --- | --- | 17.3 | 17.6           | --- | --- | 17.6 |
|       | 230/400  | 230   | 4.7            | 6.3 | 6.3 | 1.6  | 4.7            | 6.7 | 6.3 | 2.0  |

| Coil Location    | Watt Per Heating Coil & Total Watt Per Unit |       |       |       |       |
|------------------|---------------------------------------------|-------|-------|-------|-------|
|                  | BK18                                        | P18S  | P24S  | P22S  | P22SH |
| TE –Top Element  | 850                                         | 850   | 1,075 | 1,075 | 1,075 |
|                  | ----                                        | 1,000 | ----  | 1,450 | 1,450 |
| BE – Btm Element | 850                                         | 1,000 | 1,075 | 1,075 | 1,450 |
| Total No Light   | 1,700                                       | 2,850 | 2,150 | 3,600 | 3,975 |
| Total W. Light   | 1,715                                       | 2,880 | 2,165 | 3,630 | 4,005 |

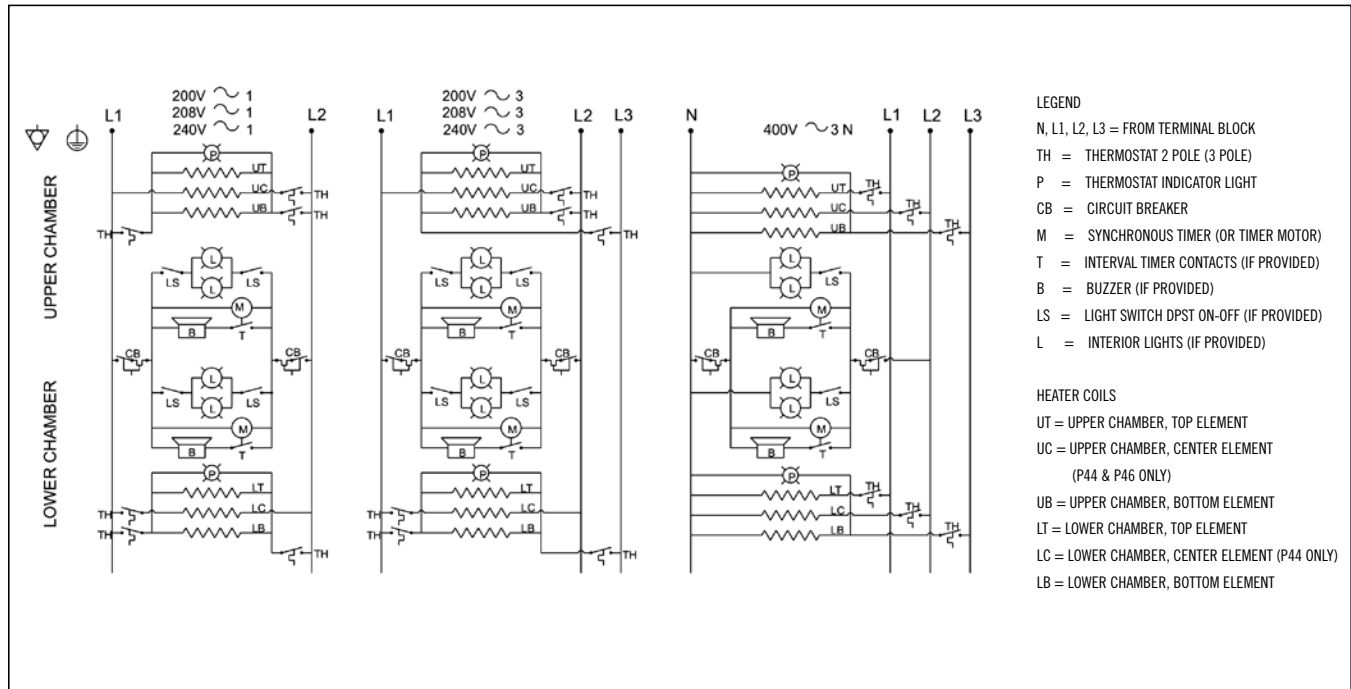
## WIRING DIAGRAMS



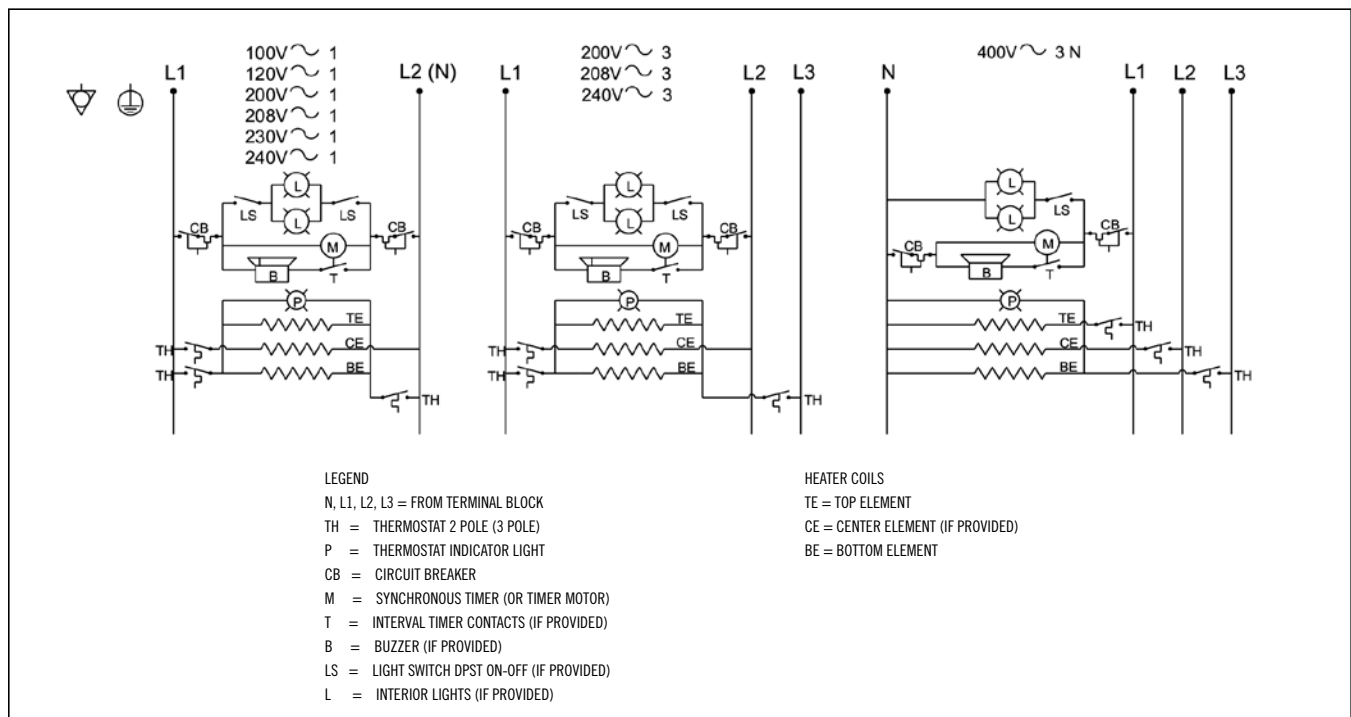
P-Series 1-Chamber 1 PH, 2W or 3 PH, 3W - Electrical Wiring Diagram & Tables

|        |          |       | 3 Phase 3 Wire |     |      | 1 PH 2 Wire    |     | Plug Configuration & Number |        |       |                                                                                     |                                                                                     |                                                                                     |                                                                                     |                                                                                     |
|--------|----------|-------|----------------|-----|------|----------------|-----|-----------------------------|--------|-------|-------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|
| Model  | Volt A/C |       | AMP – No Light |     |      | AMP – W. Light |     |                             | Ampere |       | USA                                                                                 | CAN                                                                                 | JAPAN                                                                               | UK                                                                                  | EUROPE                                                                              |
|        | UNIT     | COILS | L1             | L2  | L3   | L1             | L2  | L3                          | NO L.  | W. L. |                                                                                     |                                                                                     |                                                                                     |                                                                                     |                                                                                     |
| BK18   | 100      | 100   |                |     |      |                |     |                             | 17.0   | 17.4  |  |  |  | N/A                                                                                 | N/A                                                                                 |
|        | 120      | 120   |                |     |      |                |     |                             | 14.2   | 14.5  |                                                                                     |                                                                                     |                                                                                     |                                                                                     |                                                                                     |
|        | 200      | 200   | 8.5            | 0.0 | 8.5  | 8.7            | 0.2 | 8.5                         | 8.5    | 8.7   |  |  |  |  |  |
|        | 208      | 208   | 8.2            | 0.0 | 8.2  | 8.4            | 0.2 | 8.2                         | 8.2    | 8.4   |                                                                                     |                                                                                     |                                                                                     |                                                                                     |                                                                                     |
|        | 240      | 230   | 8.1            | 0.0 | 8.1  | 8.2            | 0.1 | 8.1                         | 8.1    | 8.2   |                                                                                     |                                                                                     |                                                                                     |                                                                                     |                                                                                     |
| P18S-1 |          |       |                |     |      |                |     |                             |        |       |  |  |  | N/A                                                                                 | N/A                                                                                 |
|        | 100      | 100   |                |     |      |                |     |                             | 18.0   | 18.8  | 5-15P                                                                               | 5-20P                                                                               | 5-20P                                                                               | N/A                                                                                 | N/A                                                                                 |
|        | 120      | 120   |                |     |      |                |     |                             | 15.0   | N/A   |                                                                                     |                                                                                     |                                                                                     |                                                                                     |                                                                                     |
| P18S-2 | 200      | 200   | 14.3           | 5.0 | 9.3  | 14.7           | 5.4 | 9.3                         | 14.3   | 14.7  |  |  |  |  |  |
|        | 208      | 208   | 13.7           | 4.8 | 8.9  | 14.1           | 5.2 | 8.9                         | 13.7   | 14.1  |                                                                                     |                                                                                     |                                                                                     |                                                                                     |                                                                                     |
|        | 240      | 230   | 13.5           | 4.7 | 8.8  | 13.9           | 5.1 | 8.8                         | 13.5   | 13.9  |                                                                                     |                                                                                     |                                                                                     |                                                                                     |                                                                                     |
| P24S   | 200      | 200   | 10.8           | 0.0 | 10.8 | 11.0           | 0.2 | 10.8                        | 10.8   | 11.0  |  |  |  |  |  |
|        | 208      | 208   | 10.3           | 0.0 | 10.3 | 10.5           | 0.2 | 10.3                        | 10.3   | 10.5  |                                                                                     |                                                                                     |                                                                                     |                                                                                     |                                                                                     |
|        | 240      | 230   | 10.2           | 0.0 | 10.2 | 10.4           | 0.2 | 10.2                        | 10.2   | 10.4  |                                                                                     |                                                                                     |                                                                                     |                                                                                     |                                                                                     |
| P22S   | 200      | 200   | 18.0           | 7.2 | 10.8 | 18.4           | 7.7 | 10.8                        | 18.0   | 18.4  |  | 6-20P                                                                               |  | N/A                                                                                 | N/A                                                                                 |
|        | 208      | 208   | 17.3           | 7.0 | 10.3 | 17.7           | 7.4 | 10.3                        | 17.3   | 17.7  |                                                                                     |                                                                                     |                                                                                     |                                                                                     |                                                                                     |
|        | 240      | 230   | 17.1           | 6.9 | 10.2 | 17.4           | 7.2 | 10.2                        | 17.1   | 17.4  |                                                                                     |                                                                                     |                                                                                     |                                                                                     |                                                                                     |
| P22SH  | 200      | 200   | 19.9           | 7.2 | 12.6 | 20.3           | 7.7 | 12.6                        | 19.9   | 20.3  |  |  |  | N/A                                                                                 | N/A                                                                                 |
|        | 208      | 208   | 19.1           | 7.0 | 12.1 | 19.5           | 7.4 | 12.1                        | 19.1   | 19.5  |                                                                                     |                                                                                     |                                                                                     |                                                                                     |                                                                                     |
|        | 240      | 230   | 18.8           | 6.9 | 12.0 | 19.2           | 7.2 | 12.0                        | 18.8   | 19.2  |                                                                                     |                                                                                     |                                                                                     |                                                                                     |                                                                                     |

## WIRING DIAGRAMS

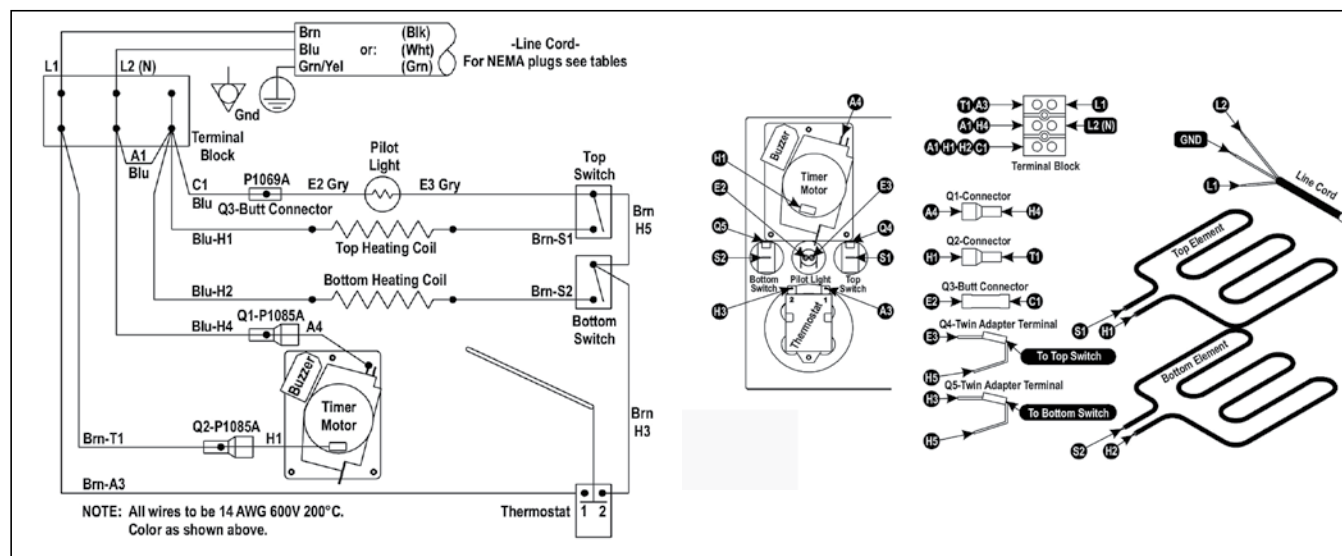


P-Series 2 Chambers – Electrical Wiring & Tables



P-Series 1 Chamber – Electrical Wiring Schematics

## WIRING DIAGRAMS



PX-14 & PX-16 – Electrical Wiring Diagram Tables

### PX-14

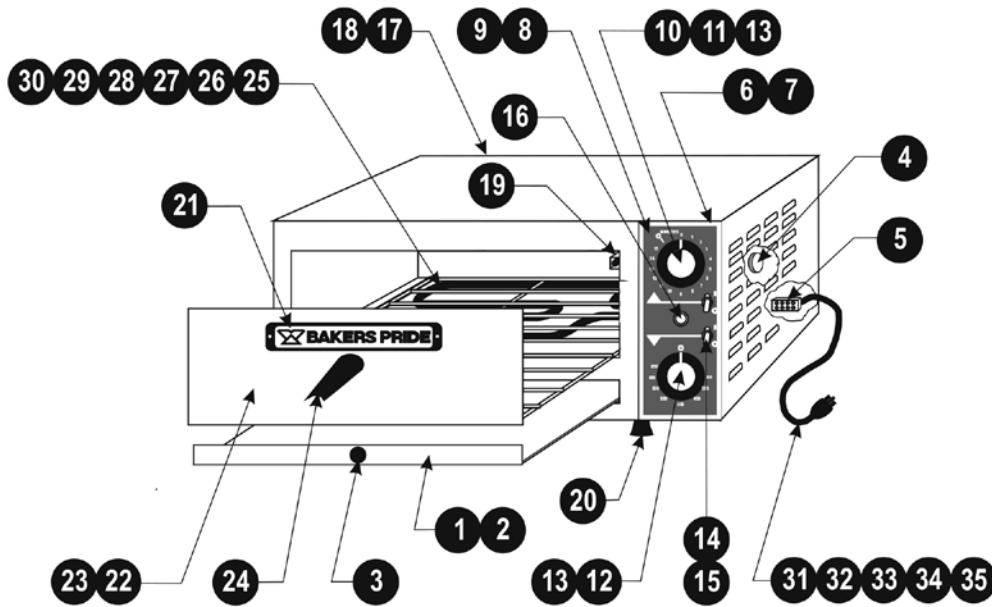
| Volts A/C/<br>Phase | AMP  | NEMA Plug Configuration & Number |        |          |          |       | Heating Coils<br>Watts/Volts | Timer Motor<br>Volts/Hz |
|---------------------|------|----------------------------------|--------|----------|----------|-------|------------------------------|-------------------------|
|                     |      | USA                              | CANADA | UK       | EUROPE   | JAPAN |                              |                         |
| 100/1               | 15   |                                  |        |          |          | 5-15P | 750/100                      | 120/60                  |
| 120/1               | 12.5 | 5-15P                            | 5-20P  |          |          |       | 750/100                      | 120/60                  |
| 200/1               | 7.5  |                                  |        |          |          | 6-15P | 750/200                      | 250/60                  |
| 208-240/1           | 8.1  | 6-15P                            | 6-15P  |          |          |       | 750/220                      | 250/60                  |
| 220-240/1           | 8.1  |                                  |        | BS 1363A | CEE7-VII |       | 750/220                      | 250/60                  |

### PX-16

| Volts A/C/<br>Phase | AMP | NEMA Plug Configuration & Number |        |          |          |       | Heating Coils<br>Watts/Volts | Timer Motor<br>Volts/Hz |
|---------------------|-----|----------------------------------|--------|----------|----------|-------|------------------------------|-------------------------|
|                     |     | USA                              | CANADA | UK       | EUROPE   | JAPAN |                              |                         |
| 100/1               | 18  |                                  |        |          |          | 5-15P | 900/100                      | 125/60                  |
| 120/1               | 15  | 5-20P                            | 5-20P  |          |          |       | 900/100                      | 125/60                  |
| 200/1               | 9   |                                  |        |          |          | 6-15P | 900/200                      | 250/60                  |
| 208-240/1           | 9.7 | 6-15P                            | 6-15P  |          |          |       | 900/220                      | 250/60                  |
| 220-240/1           | 9.7 |                                  |        | BS 1363A | CEE7-VII |       | 900/220                      | 250/60                  |

## EXPLODED VIEWS & PARTS LISTS

**PX-14 Beginning: Serial #4633, 12/09/99 (120V) or Serial #6547, 11/22/99 (208/240V)**  
**PX-16 Beginning: Serial #959, 11/11/99 (120V) or Serial #1783, 12/01/99 (208/240V)**



PX-14/16 New Style

| Item | P/N    | Description                                 |
|------|--------|---------------------------------------------|
| 1    | D5023X | Crumb Pan Assy w/Knob (PX-14)               |
| 2    | D5123X | Crumb Pan Assy w/Knob (PX-16)               |
| 3    | S1153X | Knob (Crumb Pan)                            |
| 4    | M1335X | Audio Alarm                                 |
| 5    | P1003X | Terminal Block, 3 Pole                      |
| 6    | D5027U | Control Panel Assy, Front (PX-14)           |
| 7    | D5127X | Control Panel Assy, Front (PX-16)           |
| 8    | U1308A | Control Panel Overlay, 60hz                 |
| 9    | U1309A | Control Panel Overlay, 50hz                 |
| 10   | M1383A | Timer, Electro-Mechanical, 15 Minutes, 120V |
| 11   | M1384A | Timer, Electro-Mechanical, 15 Minutes, 220V |
| 12   | M1119X | Thermostat, EGO, 300-650 deg (No Knob)      |
| 13   | S1311X | Knob (Thermostat & Timer)                   |
| 14   | M1037X | Switch, Toggle, On/Off                      |
| 15   | S1038X | Rubber Boot, On/Off Switch (Export)         |
| 16   | P1127X | Pilot Light, Amber                          |
| 17   | D5038U | Rear Panel Assy, (PX-14)                    |
| 18   | D5138U | Rear Panel Assy, (PX-16)                    |

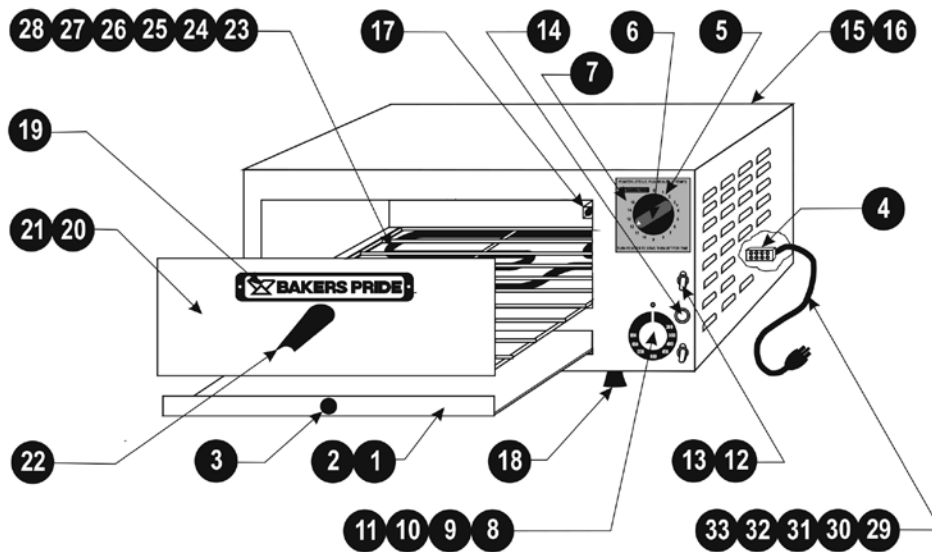
| Item | P/N    | Description                              |
|------|--------|------------------------------------------|
| 19   | D5043U | Capillary Retainer Assy                  |
| 20   | S1392A | Leg, each                                |
| 21   | U1044X | Bakers Pride Nameplate, 8"               |
| 22   | D5037U | Peel Tray Assy w/Wire Rack & HdI (PX-14) |
| 23   | D5141U | Peel Tray Assy w/Wire Rack & HdI (PX-16) |
| 24   | S1031X | Handle, w/Nut & Bolt                     |
| 25   | L1065X | Element, PX-14, 120V/750W (2)            |
| 26   | L1148X | Element, PX-16, 120V/900W (2)            |
| 27   | L1066X | Element, PX-14, 220V/750W (2)            |
| 28   | L1149X | Element, PX-16, 220V/900W (2)            |
| 29   | L1067X | Element, PX-14, 100V/750W (2) Japan      |
| 30   | L1156X | Element, PX-16, 200V/900W (2) Japan      |
| 31   | P6004X | Line Cord, 125V/15A                      |
| 32   | P6383A | Line Cord, 125V/20A (Canada)             |
| 33   | P6005X | Line Cord, 250V/15A                      |
| 34   | P6006X | Line Cord, CEE7-VII (Europe)             |
| 35   | P6343X | Line Cord w/Fuse, 13A/240V (U.K.)        |

Note: When ordering, always specify Part#, Model#, Serial# and Voltage/Phase.



## EXPLODED VIEWS & PARTS LISTS

**PX-14 Before: Serial #4633, 12/09/99 (120V) or Serial #6547, 11/22/99 (208/240V)**  
**PX-16 Before: Serial #959, 11/11/99 (120V) or Serial #1783, 12/01/99 (208/240V)**



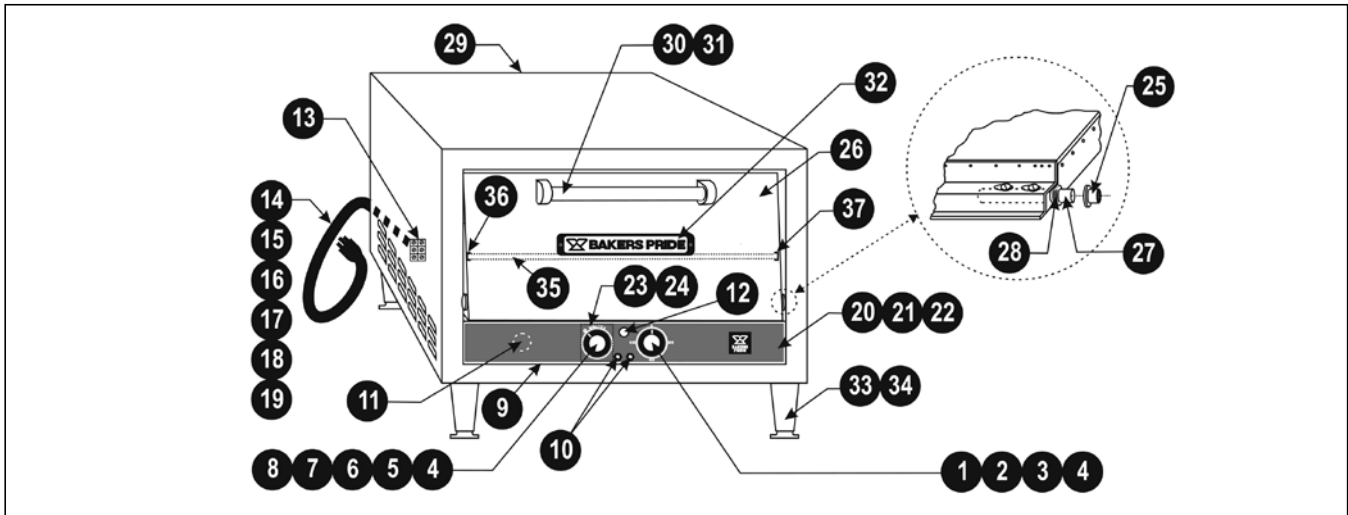
PX-14/16 Old Style

| Item | P/N    | Description                            |
|------|--------|----------------------------------------|
| 1    | D5023X | Crumb Pan Assy w/Knob (PX-14)          |
| 2    | D5123X | Crumb Pan Assy w/Knob (PX-16)          |
| 3    | S1153X | Knob (Crumb Pan)                       |
| 4    | P1003X | Terminal Block, 3 Pole                 |
| 5    | M1017X | Timer, Mech, 15 Minutes (w/Knob/Plate) |
| 6    | S1052X | Knob, Timer                            |
| 7    | S1025X | Plate, Timer                           |
| 8    | M1120X | Thermostat, EGO, 650F deg (w/Knob)     |
| 9    | M1119X | Thermostat, EGO, 370C deg (w/Knob)     |
| 10   | S1155X | Knob, Thermostat (650F)                |
| 11   | S1154X | Knob, Thermostat (370C)                |
| 12   | M1037X | Switch, Toggle, On/Off                 |
| 13   | S1038X | Rubber Boot, On/Off Switch (Export)    |
| 14   | P1127X | Pilot Light, Amber                     |
| 15   | D5038U | Rear Panel Assy, (PX-14)               |
| 16   | D5138U | Rear Panel Assy, (PX-16)               |
| 17   | D5043U | Capillary Retainer Assy                |
| 18   | S1392A | Leg, each                              |

| Item | P/N    | Description                         |
|------|--------|-------------------------------------|
| 19   | U1044X | Bakers Pride Nameplate, 8"          |
| 20   | D5037U | Peel Tray Assy w/Wire Rack (PX-14)  |
| 21   | D5141U | Peel Tray Assy w/Wire Rack (PX-16)  |
| 22   | S1031X | Handle, w/Nut & Bolt                |
| 23   | L1065X | Element, PX-14, 120V/750W (2)       |
| 24   | L1148X | Element, PX-16, 120V/900W (2)       |
| 25   | L1066X | Element, PX-14, 220V/750W (2)       |
| 26   | L1149X | Element, PX-16, 220V/900W (2)       |
| 27   | L1067X | Element, PX-14, 100V/750W (2) Japan |
| 28   | L1156X | Element, PX-16, 200V/900W (2) Japan |
| 29   | P6004X | Line Cord, 125V/15A                 |
| 30   | P6383A | Line Cord, 125V/20A (Canada)        |
| 31   | P6005X | Line Cord, 250V/15A                 |
| 32   | P6006X | Line Cord, CEE7-VII (Europe)        |
| 33   | P6343X | Line Cord w/Fuse, 13A/240V (U.K.)   |

Note: When ordering, always specify Part#, Model#, Serial# and Voltage/Phase.

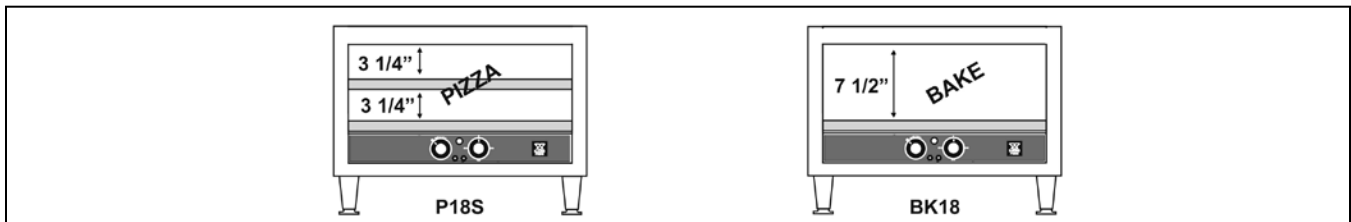
## EXPLODED VIEWS & PARTS LISTS



P18-S, BK18 Exterior / Door / Controls (Electro-Mechanical Timers)

| Item | P/N    | Description                              |
|------|--------|------------------------------------------|
| 1    | M1098X | Thermostat w/Knob, EGO (Standard) P-18   |
| 2    | M1192X | Thermostat w/Knob, EGO (High Heat) P-18  |
| 3    | M1110X | Thermostat w/Knob, KA-72, 550deg (BK-18) |
| 4    | S1311X | Knob (Thermostat & Timer)                |
| 5    | M1381A | Timer, Elec-Mech, 60 Min, 120V (BK-18)   |
| 6    | M1382A | Timer, Elec-Mech, 60 Min, 220V (BK-18)   |
| 7    | M1383A | Timer, Elec-Mech, 15 Min, 120V (P-18)    |
| 8    | M1384A | Timer, Elec-Mech, 15 Min, 220V (P-18)    |
| 9    | D3157K | Control Panel                            |
| 10   | M1330A | Circuit Breaker, 3 Amp                   |
| 11   | M1335X | Audio Alarm (Discontinued)               |
| 12   | P1127X | Pilot Light, Amber                       |
| 13   | P1089A | Terminal Block, 3 Pole                   |
| 14   | P6004X | Line Cord 125V/15A (US) P & BK           |
| 15   | P6005X | Line Cord 250V/15A (US & Japan) P & BK   |
| 16   | P6383X | Line Cord 125V/20A (Canada)              |
| 17   | P6009X | Line Cord 250V/20A (Canada)              |
| 18   | P6006X | Line Cord, 230V/16A "C" Type (CE)        |
| 19   | P6343X | Line Cord, 230V/13A (UK)                 |

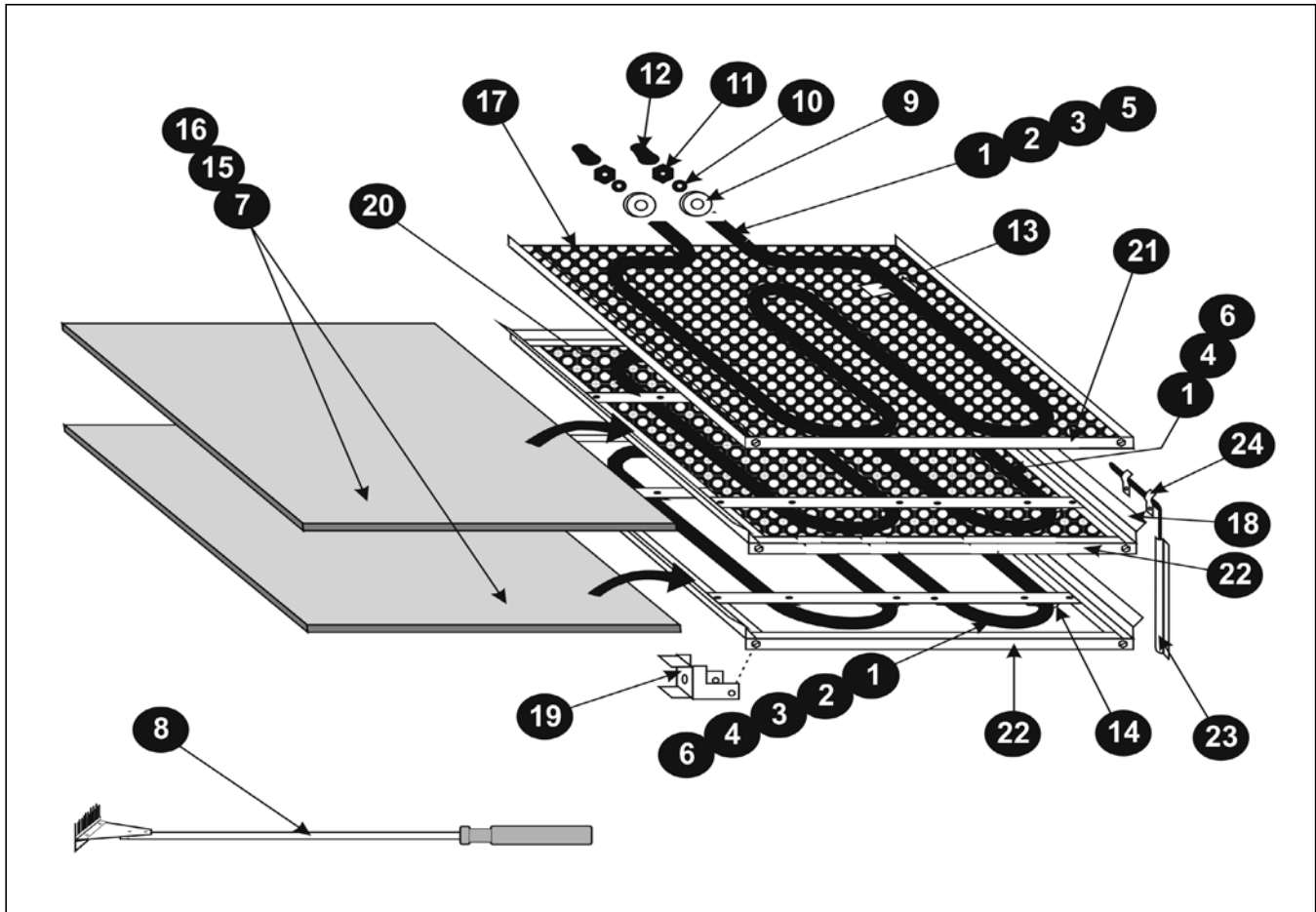
| Item | P/N    | Description                               |
|------|--------|-------------------------------------------|
| 20   | U1302X | Control Panel Overlay, EGO (P-18)         |
| 21   | U1307A | Control Panel Overlay, EGO Hi-Heat (P-18) |
| 22   | U1314A | Control Panel Overlay (BK-18)             |
| 23   | U1297A | 18 Minute Timer Overlay (50 cycles)       |
| 24   | U1296A | 72 Minute Timer Overlay (50 cycles)       |
| 25   | S3019X | Bushing, Door                             |
| 26   | D3106X | Door Assy w/Handle                        |
| 27   | S3001X | Door Rod                                  |
| 28   | Q3021X | Door Rod Spacer Kit (1 Kit per Door)      |
| 29   | D3105K | Outer Back                                |
| 30   | S1316U | Door Handle Assy, 10"                     |
| 31   | Q2041A | Screw, 1/4-20 x 1/2 Rd Hd (Door Handle)   |
| 32   | U1044X | Bakers Pride Nameplate, 8"                |
| 33   | S1014X | 4" Adjustable Leg (Set/4)                 |
| 34   | S1014Y | 4" Adjustable Leg (each)                  |
| 35   | T3150A | Intermediate Wire Rack (Option, BK18)     |
| 36   | D3162U | Wire Rack Support Assy, Left (Option)     |
| 37   | D3163U | Wire Rack Support Assy, Right (Option)    |
| N/S  | D2069X | Stacking Kit                              |



Deck Arrangement by Model

Note: When ordering, always specify Part#, Model#, Serial# and Voltage/Phase.

## EXPLODED VIEWS & PARTS LISTS



P18, BK18 Interior Components & Accessories

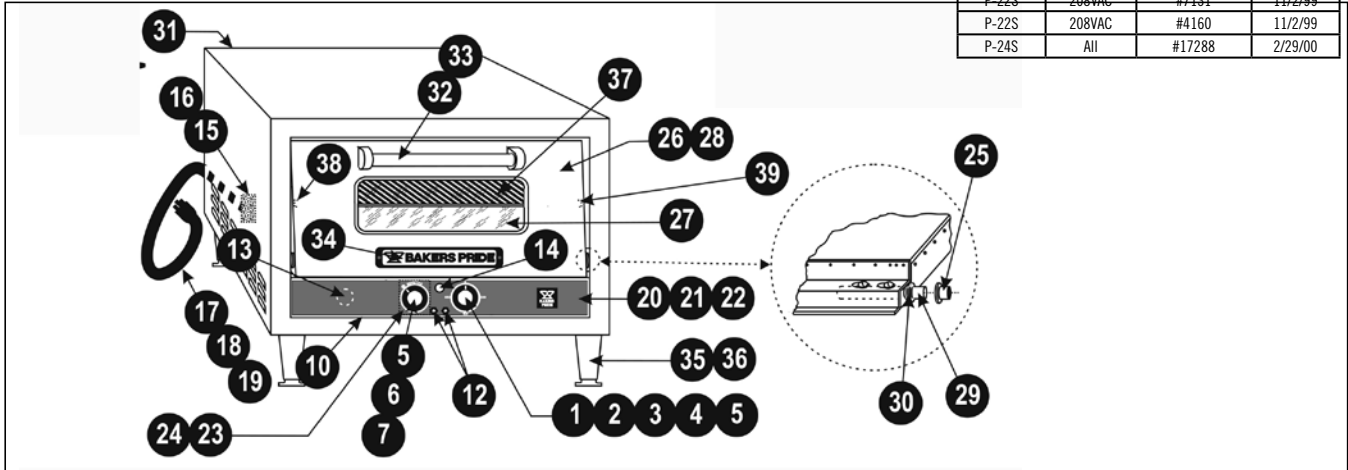
| Item | P/N    | Description                                    |
|------|--------|------------------------------------------------|
| 1    | L1024X | Element 115V/600W (US/Can) P-18, T,C & B       |
| 2    | L1171X | Element 115V/850W (US/Can) BK-18, T & B        |
| 3    | L1025X | Element 208-240V/850W (US/Can/CE)P Top, BK T&B |
| 4    | L1026X | Element 208-240V/1KW (US/Can/CE) P-18 C & B    |
| 5    | L1112X | Element 200V/850W (Japan) P-18 Top             |
| 6    | L1113X | Element 200V/1000W (Japan) P-18 C & B          |
| 7    | T5118X | Steel Bake Deck (BK18 Only)                    |
| 8    | T5107Y | Deck Scraper Brush                             |
| 9    | P1019X | Porcelain Spacer                               |
| 10   | Q3016A | Washer, Star, #6                               |
| 11   | Q1002A | Nut, 6-32                                      |
| 12   | S1061X | 6-32 Terminal Cap                              |

| Item | P/N    | Description                                 |
|------|--------|---------------------------------------------|
| 13   | K1355X | Baffle & Top Elem. Clips (5) BK             |
| 14   | P1042A | Element Clip, 5/16", Center & Bottom        |
| 15   | T1120Y | Ceramic Deck, 17 1/2 x 17 3/4 x 1/2 (each)  |
| 16   | T1120X | Ceramic Deck, 17 1/2 x 17 3/4 x 1/2 (set/2) |
| 17   | D3140Z | Fresh Dough Baffle                          |
| 18   | D3152T | Hearth Frame Assy                           |
| 19   | D4039K | Deck Support                                |
| 20   | D3151K | Element Support                             |
| 21   | D3131K | Baffle Trim                                 |
| 22   | D3142K | Deck Trim                                   |
| 23   | D1134K | Capillary Cover                             |
| 24   | Q4021X | Clip 3/16", Temp Sensor (2)                 |

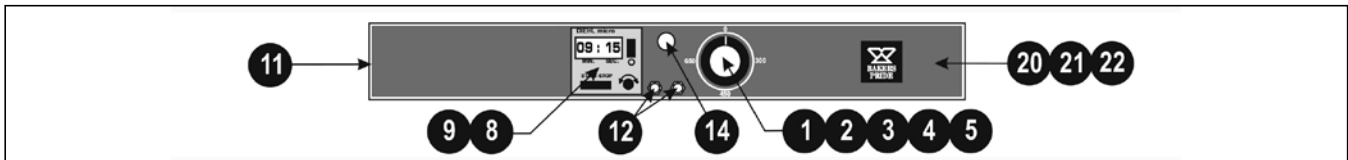
Note: When ordering, always specify Part#, Model#, Serial# and Voltage/Phase.

## EXPLODED VIEWS & PARTS LISTS

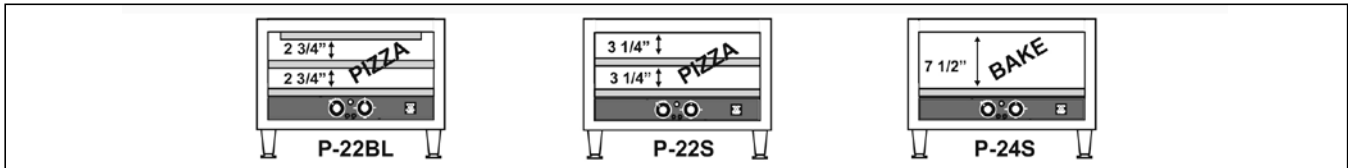
| This partslist pertains to the following units |         |                   |         |
|------------------------------------------------|---------|-------------------|---------|
| Model                                          | Voltage | Starting Serial # | Date    |
| P-22BL                                         | All     | All               | N/A     |
| P-22S                                          | 208VAC  | #7131             | 11/2/99 |
| P-22S                                          | 208VAC  | #4160             | 11/2/99 |
| P-24S                                          | All     | #17288            | 2/29/00 |



P-22BL, P-22S, P-24S Exterior / Door / Controls (Electro-Mechanical Timers)



Control Panel with Digital Timer (Optional)



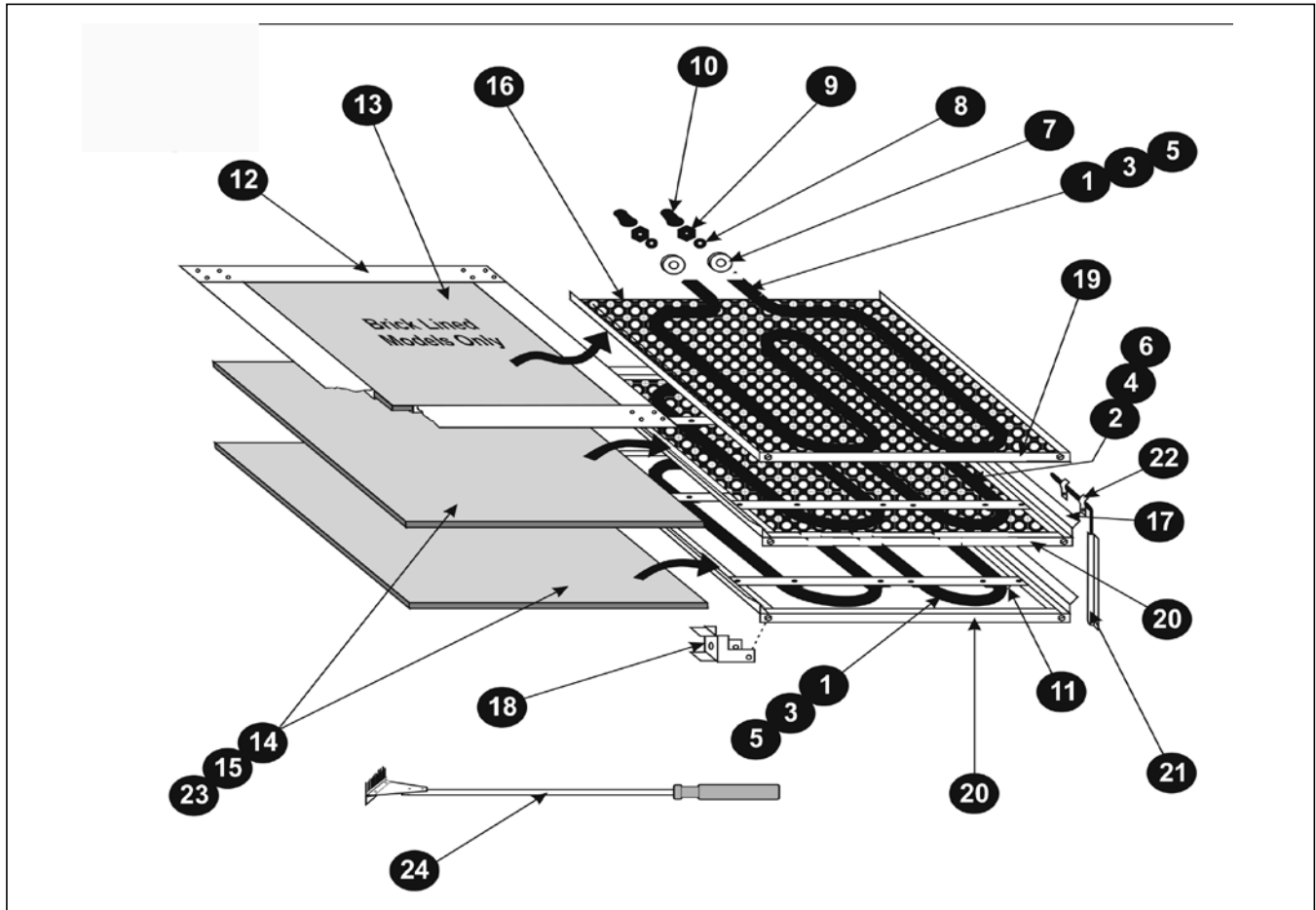
Deck Arrangement by Model

| Item | P/N    | Description                                   |
|------|--------|-----------------------------------------------|
| 1    | M1098X | Thermostat w/Knob, 650F (EGO)                 |
| 2    | M1192X | Thermostat w/Knob, CE "430C" (High Heat)      |
| 3    | M1110X | Thermostat w/Knob, 550F, KA-72 (P-24S)        |
| 4    | M1342X | Thermostat Kit w/Knob, 250F (Special)         |
| 5    | S1311X | Knob (T-stat "F", 15 Min Timer: Rot-Elec)     |
| 6    | M1384A | Timer, Electro-Mech, 15 Min, (P-22S & P-22BL) |
| 7    | M1382A | Timer, Electro-Mech, 60 Min (P-24S)           |
| 8    | M1275X | Timer, Electronic (Digital Readout) 60 cycle  |
| 9    | M1274X | Timer, Electronic (Digital Readout) 50 cycle  |
| 10   | D1157K | Control Panel (Rot/Elect Timer)               |
| 11   | D1156K | Control Panel (Electronic Timer)              |
| 12   | M1330A | Circuit Breaker, 3A                           |
| 13   | M1335X | Audio Alarm (Discontinued)                    |
| 14   | P1127X | Pilot Light, Amber                            |
| 15   | P1003X | Terminal Block, 3 Pole, 1 Phase               |
| 16   | P1004X | Terminal Block, 4 Pole, 3 Phase               |
| 17   | P6009X | Line Cord, 250V/20A (USA & Canada)            |
| 18   | P6385A | Line Cord, 250V/30A (Can. 208V only) P22S/BL  |
| 19   | P6005X | Line Cord, 250V/15A (P-24S)                   |
| 20   | U1302X | Control Panel Overlay, 22S & 22BL             |

| Item | P/N    | Description                                |
|------|--------|--------------------------------------------|
| 21   | U1307A | Control Panel Overlay, Hi Heat, 22S & 22BL |
| 22   | U1314A | Control Panel Overlay, P-24S               |
| 23   | U1297A | 18 Minute Timer Overlay (50 cycle)         |
| 24   | U1296A | 72 Minute Timer Overlay (50 cycle)         |
| 25   | S3019X | Door Bushing                               |
| 26   | D1106X | Door Assy (No Window)                      |
| 27   | S1020X | Window Assy (Door)                         |
| 28   | D1143U | Door Assy (w/Window)                       |
| 29   | S3001X | Door Rod                                   |
| 30   | Q3021X | Door Rod Spacer Kit (1 Kit per Door)       |
| 31   | D1105K | Outer Back                                 |
| 32   | S1316U | Door Handle                                |
| 33   | Q2041A | Screws, 1/4-20 x 1/2 RH (Door Handle)      |
| 34   | U1044X | Bakers Pride Nameplate, 8"                 |
| 35   | S1014X | 4" Adjustable Leg (Set/4)                  |
| 36   | S1014Y | 4" Adjustable Leg (each)                   |
| 37   | T3139X | Intermediate Wire Rack (Option, P-24)      |
| 38   | D1162U | Wire Rack Support Assy, Left (Option)      |
| 39   | D1163U | Wire Rack Support Assy, Right (Option)     |
| 40   | D2069X | Stacking Kit                               |

Note: When ordering, always specify Part#, Model#, Serial# and Voltage/Phase.

## EXPLODED VIEWS & PARTS LISTS



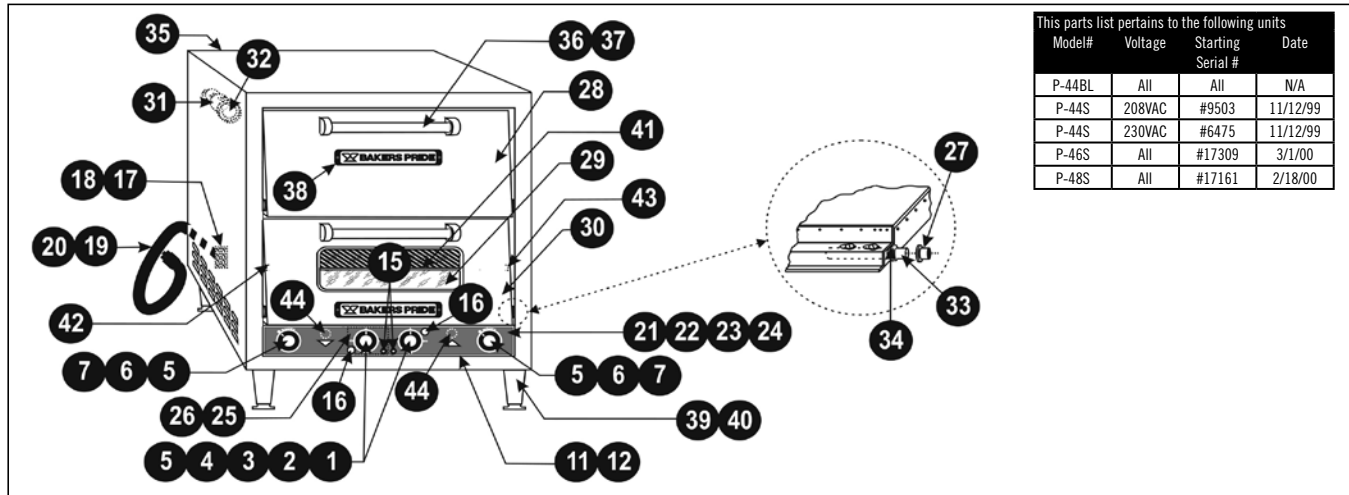
P-22BL, P-22S, P-24S Interior Components & Accessories

| Item | P/N    | Description                               |
|------|--------|-------------------------------------------|
| 1    | L1072X | Element, 208V/1075W, Top & Bottom         |
| 2    | L1071X | Element, 208V/1450W, Center               |
| 3    | L1035X | Element, 230V/1075W, Top & Bottom         |
| 4    | L1034X | Element, 230V/1450W, Center               |
| 5    | L1116X | Element, 200V/1075W, Top & Bottom (Japan) |
| 6    | L1117X | Element, 200V/1450W, Center (Japan)       |
| 7    | P1019A | Porcelain Spacer                          |
| 8    | Q3016A | Washer, Star, #6                          |
| 9    | Q1002A | Nut, 6-32                                 |
| 10   | S1061X | Terminal Cap, 6-32                        |
| 11   | K1355X | Element Clip                              |
| 12   | D1158U | Ceramic Top Frame Assy (B/L Only)         |

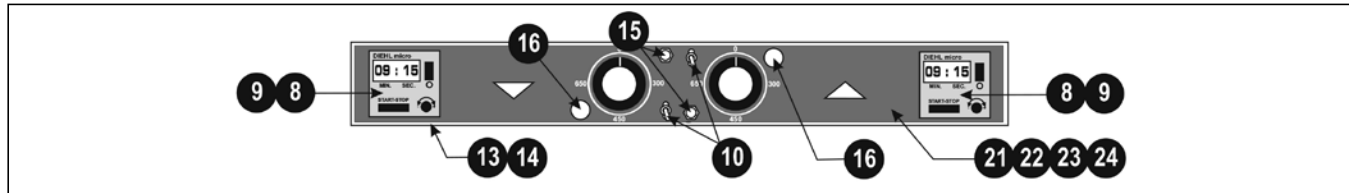
| Item | P/N    | Description                                   |
|------|--------|-----------------------------------------------|
| 13   | T1120Y | Deck, ea. 17 3/4 x 17 1/2 x 1/2 (P-22BL only) |
| 14   | T1121Y | Deck, 20 13/16 x 20 13/16 x 1/2 (each)        |
| 15   | T1121X | Deck, 20 13/16 x 20 13/16 x 1/2 (set/2)       |
| 16   | D4040X | Fresh Dough Baffle                            |
| 17   | D1152T | Hearth Frame Assy (No Element)                |
| 18   | D4039K | Deck Support                                  |
| 19   | D4031X | Baffle Trim                                   |
| 20   | D1142K | Hearth Trim                                   |
| 21   | D1134K | Capillary Cover                               |
| 22   | Q4021X | Clip, 3/16"                                   |
| 23   | T1222K | Steel Bake Deck (Optional)                    |
| 24   | T5107Y | Deck Scraper Brush                            |

Note: When ordering, always specify Part#, Model#, Serial# and Voltage/Phase.

## EXPLODED VIEWS & PARTS LISTS



P-44S, P-44BL, P-46S, P-48S Exterior/Door/Controls (No Lights, Electro-Mechanical Timers)



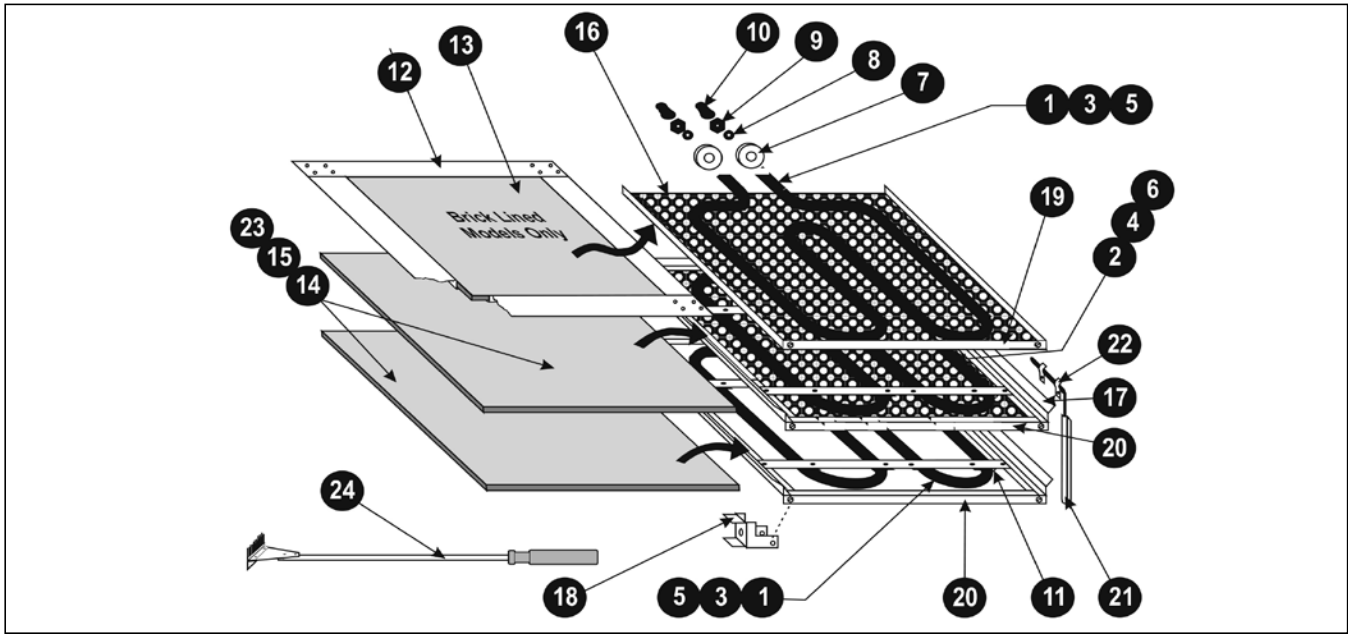
Control Panel with Lights & Digital Timers (Optional)

| Item | P/N    | Description                                  |
|------|--------|----------------------------------------------|
| 1    | M1098X | Thermostat w/Knob, 650F EGO, 44(2) 46(1)     |
| 2    | M1192X | Thermostat w/Knob, CE "430C" High Heat 44    |
| 3    | M1342X | Thermostat Kit w/Knob, 250F (Special)        |
| 4    | M1110X | Thermostat w/Knob, 550F KA72, 46 (1), 48 (2) |
| 5    | S1311X | Knob (T-stat "F", 15 Min Timer: Rot-Elec)    |
| 6    | M1384A | Timer, Elec-Mech, 15 Min, 44(2) 46(1)        |
| 7    | M1382A | Timer, Elec-Mech, 60 Min, 46(1) 48(2)        |
| 8    | M1275X | Timer, Electronic (Digital Readout) 60 cycle |
| 9    | M1274X | Timer, Electronic (Digital Readout) 50 cycle |
| 10   | M1259X | Toggle Switch (Lights, On/Off)               |
| 11   | D2157K | Control Panel (Rot/Elect Timer-No Lights)    |
| 12   | D2101K | Control Panel (Rot/Elect Timer-w/Lights)     |
| 13   | D2156K | Control Panel (Electronic Timer-No Lights)   |
| 14   | D2102K | Control Panel (Electronic Timer-w/Lights)    |
| 15   | M1330A | Circuit Breaker, 3A                          |
| 16   | P1127X | Pilot Light, Amber                           |
| 17   | P1003X | Terminal Block, 3 Pole, 1 Phase              |
| 18   | P1004X | Terminal Block, 4 Pole, 3 Phase              |
| 19   | P6399A | Line Cord, 125/250V, 50A                     |
| 20   | P6385A | Line Cord, 250V, 30A (P-46 & P-48)           |
| 21   | U1304A | Control Panel Overlay (44 & 44BL)            |
| 22   | U1310A | Control Panel Overlay, Hi Heat (44 & 44BL)   |
| 23   | U1316A | Control Panel Overlay (P-46)                 |
| 24   | U1318A | Control Panel Overlay (P-48)                 |

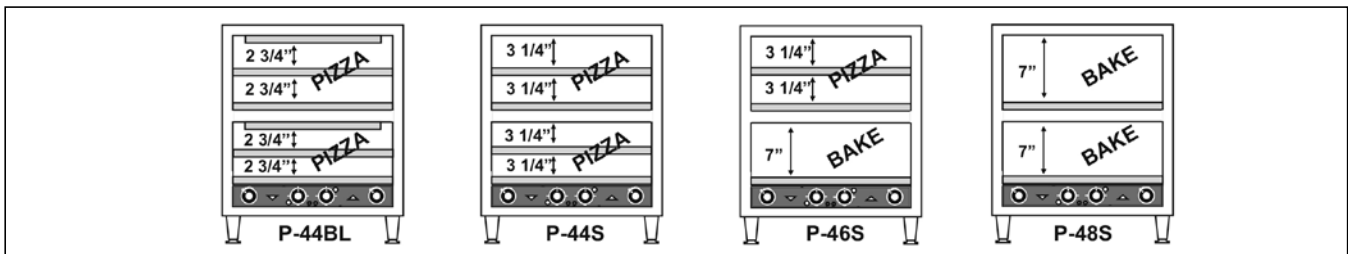
| Item | P/N    | Description                             |
|------|--------|-----------------------------------------|
| 25   | U1297A | 18 Minute Timer Overlay (50 cycles)     |
| 26   | U1296A | 72 Minute Timer Overlay (50 cycles)     |
| 27   | S3019X | Door Bushing                            |
| 28   | D1106U | Door Assy (No Window)                   |
| 29   | S1020X | Window Assy (Door)                      |
| 30   | D1143U | Door Assy (w/Window)                    |
| 31   | P1145X | Light Fixture (w/240V,15W Bulb)         |
|      | P1129X | Light Fixture (Old Style, 3" Diameter)  |
| 32   | P1147X | Light Bulb, 240V/15W                    |
|      | P1020X | Light Bulb, (Old Style, 115V)           |
|      | P1122X | Light Bulb, (Old Style, 250V)           |
| 33   | S3001X | Door Rod                                |
| 34   | Q3021X | Door Rod Spacer Kit (1 Kit per Door)    |
| 35   | D2105K | Outer Back                              |
| 36   | S1316U | Door Handle                             |
| 37   | Q2041A | Screws, 1/4-20 x 1/2 RH (Door Handle)   |
| 38   | U1044X | Bakers Pride Nameplate, 8"              |
| 39   | S1014X | 4" Adjustable Leg (Set/4)               |
| 40   | S1014Y | 4" Adjustable Leg (each)                |
| 41   | T3139A | Intermediate Wire Rack (Option 46 & 48) |
| 42   | D1162U | Wire Rack Support Assy, Left (Option)   |
| 43   | D1163U | Wire Rack Support Assy, Right (Option)  |
| 44   | M1335A | Audio Alarm (Discontinued)              |
| 45   | D2069X | Stacking Kit                            |

Note: When ordering, always specify Part#, Model#, Serial# and Voltage/Phase.

## EXPLODED VIEWS & PARTS LISTS



P-44S, P-44BL, P-46S, P-48S Interior Components & Accessories



Deck Arrangement by Model

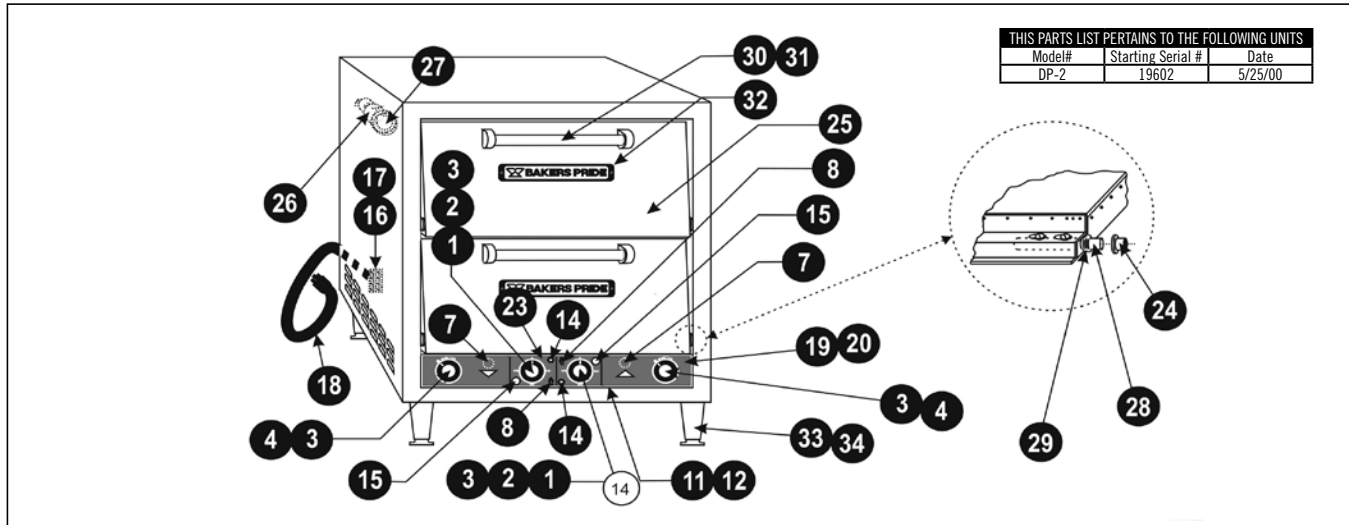
| Item | P/N    | Description                               |
|------|--------|-------------------------------------------|
| 1    | L1072X | Element, 208V/1075W, Top & Bottom         |
| 2    | L1071X | Element, 208V/1450W, Center               |
| 3    | L1035X | Element, 230V/1075W, Top & Bottom         |
| 4    | L1034X | Element, 230V/1450W, Center               |
| 5    | L1117X | Element, 200V/1075W, Top & Bottom (Japan) |
| 6    | L1116X | Element, 200V/1450W, Center (Japan)       |
| 7    | P1019A | Porcelain Spacer                          |
| 8    | Q3016A | Washer, Star, #6                          |
| 9    | Q1002A | Nut, 6-32                                 |
| 10   | S1061X | Terminal Cap, 6-32                        |
| 11   | K1355X | Element Clip                              |
| 12   | D1158U | Ceramic Top Frame Assy (P-44BL Only)      |

| Item | P/N    | Description                                   |
|------|--------|-----------------------------------------------|
| 13   | T1120Y | Deck, ea. 17 3/4 x 17 1/2 x 1/2 (P-44BL only) |
| 14   | T1121Y | Deck, 20 13/16 x 20 13/16 x 1/2 (each)        |
| 15   | T1121X | Deck, 20 13/16 x 20 13/16 x 1/2 (set/2)       |
| 16   | D4040X | Fresh Dough Baffle                            |
| 17   | D1152T | Hearth Frame Assy (No Element)                |
| 18   | D4039K | Deck Support                                  |
| 19   | D4031X | Baffle Trim                                   |
| 20   | D1142K | Hearth Trim                                   |
| 21   | D1134K | Capillary Cover                               |
| 22   | Q4021X | Clip, 3/16"                                   |
| 23   | T1222K | Steel Bake Deck (Optional)                    |
| 24   | T5107Y | Deck Scraper Brush                            |

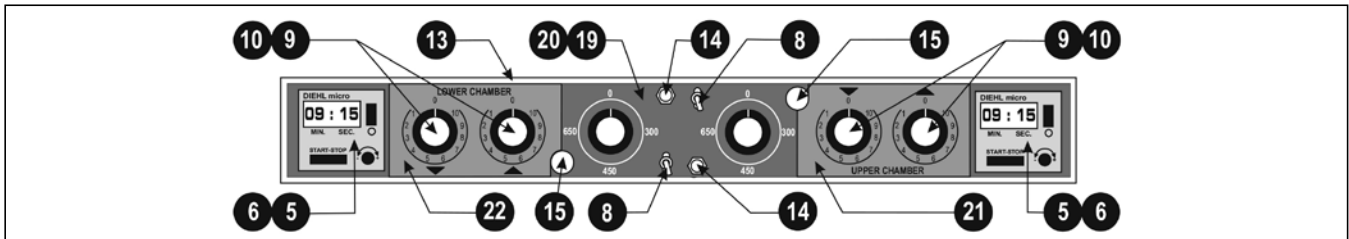
Note: When ordering, always specify Part#, Model#, Serial# and Voltage/Phase.



## EXPLODED VIEWS & PARTS LISTS



DP-2 Exterior / Door / Controls (Electro-Mechanical Timers)



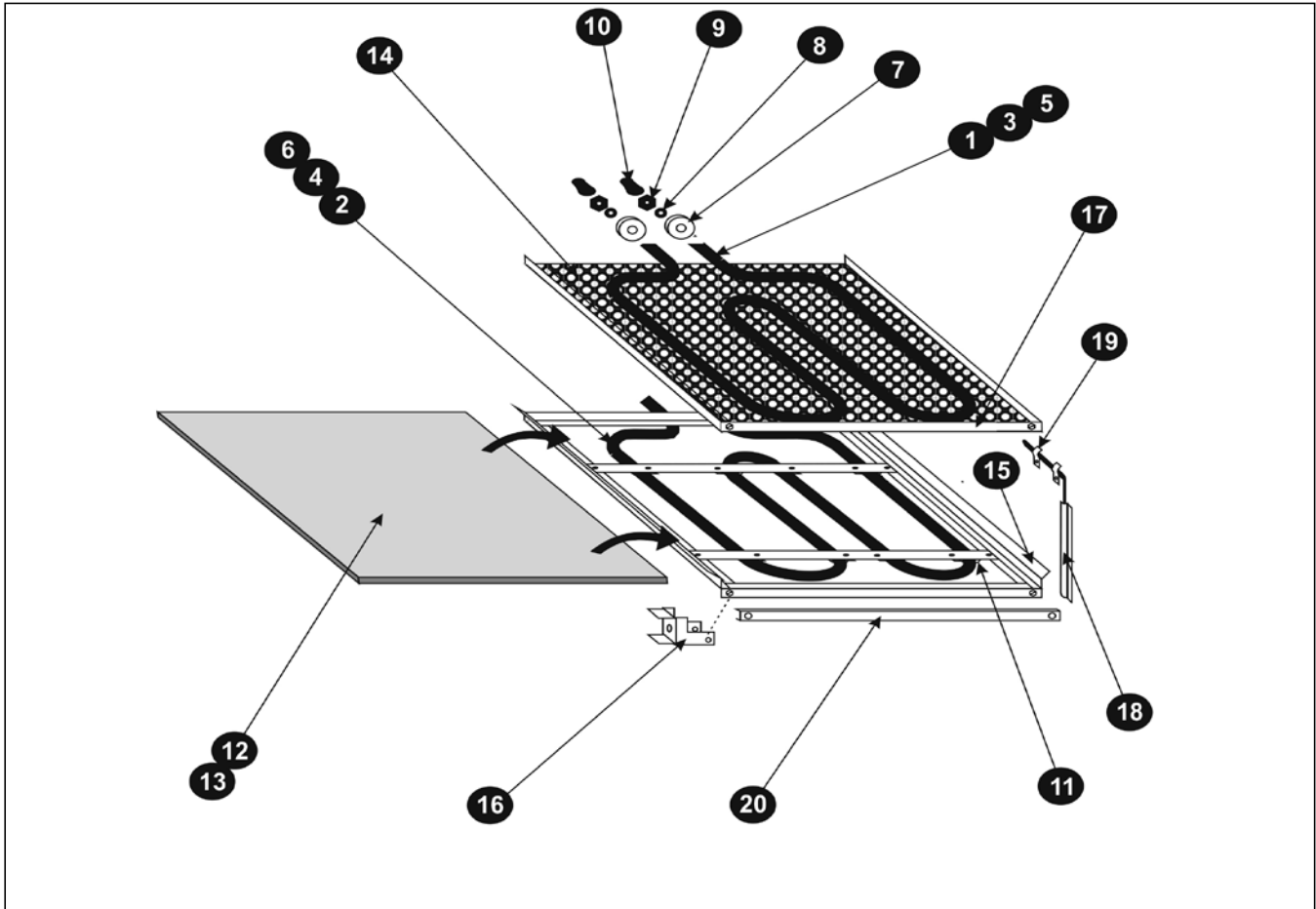
Control Panel with Digital Timers & Infinite Switches (Optional)

| Item | P/N    | Description                                   |
|------|--------|-----------------------------------------------|
| 1    | M1098X | Thermostat w/Knob, EGO                        |
| 2    | M1192X | T-stat w/Knob, CE "430C" (High Heat)          |
| 3    | S1311X | Knob (Thermostat & Timer)                     |
| 4    | M1384A | Timer, Elec-Mech, 15 Min (220V)               |
| 5    | M1275X | Timer, Electronic, 60Hz (Domestic)            |
| 6    | M1274X | Timer, Electronic, 50Hz (CE)                  |
| 7    | M1335X | Audio Alarm (Discontinued)                    |
| 8    | M1259X | Toggle Switch (Lights, On/Off)                |
| 9    | M1367A | Infinite Switch, 208V                         |
|      | M1368A | Infinite Switch, 240V                         |
| 10   | S1205X | Knob, Infinite Switch                         |
| 11   | D2101U | Control Panel (Rot-Elec Timer)                |
| 12   | D4046U | Control Panel (Rot-Elec Timer/Infinite Sw.)   |
| 13   | D4045U | Control Panel (Electronic Timer/Infinite Sw.) |
| 14   | M1330A | Circuit Breaker, 3A                           |
| 15   | P1127X | Pilot Light, Amber                            |
| 16   | P1003X | Terminal Block, 3 Pole (Domestic)             |
| 17   | P1004X | Terminal Block, 4 Pole (CE)                   |

| Item | P/N    | Description                           |
|------|--------|---------------------------------------|
| 18   | P6385A | Line Cord, 250V/30A                   |
| 19   | U1304A | Control Panel Overlay                 |
| 20   | U1310A | Control Panel Overlay (High-Heat)     |
| 21   | U1289A | Overlay, Top Infinite Controls        |
| 22   | U1288A | Overlay, Bottom Infinite Controls     |
| 23   | U1297A | 18 Minute Timer Overlay (50 cycles)   |
| 24   | S3019X | Door Bushing                          |
| 25   | D4006X | Door Assembly                         |
| 26   | P1145X | Light Fixture (w/240V, 15W Bulb)      |
| 27   | P1147X | Light Bulb, 240V/15W                  |
| 28   | S3001X | Door Rod                              |
| 29   | Q3021X | Door Rod Spacer Kit (1 Kit per Door)  |
| 30   | S1316U | Door Handle                           |
| 31   | Q2041A | Screws, 1/4-20 x 1/2 RH (Door Handle) |
| 32   | U1044X | Bakers Pride Nameplate, 8"            |
| 33   | S1014Y | 4" Adjustable Leg (each)              |
| 34   | S1014X | 4" Adjustable Leg (Set/4)             |
| N/S  | D2069X | Stacking Kit                          |

Note: When ordering, always specify Part#, Model#, Serial# and Voltage/Phase.

## EXPLODED VIEWS & PARTS LISTS



DP-2 Interior Components

| Item | P/N    | Description                         |
|------|--------|-------------------------------------|
| 1    | L1072X | Element, 208V/1075W, Top            |
| 2    | L1071X | Element, 208V/1450W, Bottom         |
| 3    | L1034X | Element, 230V/1075W, Top            |
| 4    | L1035X | Element, 230V/1450W, Bottom         |
| 5    | L1117X | Element, 200V/1075W, Top (Japan)    |
| 6    | L1116X | Element, 200V/1450W, Bottom (Japan) |
| 7    | P1019X | Porcelain Spacer                    |
| 8    | Q3016A | Washer, Star, #6                    |
| 9    | Q1002A | Nut, 6-32                           |
| 10   | S1061X | Terminal Cap, 6-32                  |

| Item | P/N    | Description                                   |
|------|--------|-----------------------------------------------|
| 11   | K1355X | Element Clip                                  |
| 12   | T1121Y | Hearth Deck 20 13/16 x 20 13/16 x 1/2 (each)  |
| 13   | T1121X | Hearth Deck 20 13/16 x 20 13/16 x 1/2 (Set/2) |
| 14   | D4040X | Fresh Dough Baffle                            |
| 15   | D1152T | Hearth Frame Assy                             |
| 16   | D4039K | Deck Support                                  |
| 17   | D4031K | Baffle Trim                                   |
| 18   | D4034K | Capillary Cover                               |
| 19   | Q4021X | Clip, 3/16" (Capillary)                       |
| 20   | D1142K | Deck Trim                                     |

Note: When ordering, always specify Part#, Model#, Serial# and Voltage/Phase.



## COUNTERTOP ELECTRIC OVEN OPERATION MANUAL

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### BAKERS PRIDE LIMITED WARRANTY

#### 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

Cyclone Convection Ovens: BCO Models: One (1) Year limited parts and labor; (1) Year limited door warranty.

GDCO Models: Two (2) Year limited parts and labor; (2) Year limited door warranty.

CO11 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

This warranty covers on-site labor, parts and reasonable travel time and travel expenses of the authorized service

#### COVERAGE

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, P22S, P24S, PD-4, PDC, WS Series and BK-18.

#### EXCEPTIONS

All removable parts in Bakers Pride® cooking equipment, including but not limited to: Burners, Grates, Radiants, 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,
- Failures caused by erratic voltages or gas supplies,
- Thermostat calibrations after (30) days from equipment installation date,
- Unauthorized repair by anyone other than a Bakers Pride Factory Authorized Service Center,
- Air and Gas adjustments,
- Damage in shipment,
- Light bulbs,
- Alteration, misuse or improper installation,
- Glass doors and door adjustments,
- Thermostats and safety valves with broken capillary tubes,
- 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,
- 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

**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 |

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|              |               |                |
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| _____        | _____         | _____          |
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|              |               |                |
|--------------|---------------|----------------|
| _____        | _____         | _____          |
| Model Number | Serial Number | Date Purchased |

|                                                                                                                                                         |               |                |
|---------------------------------------------------------------------------------------------------------------------------------------------------------|---------------|----------------|
| <b>IMPORTANT FOR FUTURE REFERENCE</b>                                                                                                                   |               |                |
| 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 |

|                                                                                                                                                         |               |                |
|---------------------------------------------------------------------------------------------------------------------------------------------------------|---------------|----------------|
| <b>IMPORTANT FOR FUTURE REFERENCE</b>                                                                                                                   |               |                |
| 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



1307 N. Watters Rd, Ste. 180 Allen, Texas 75013  
Phone 800.527.2100 | Fax 914.576.0605 | [bakerspride.com](http://bakerspride.com)

Be sure to keep up with new product  
announcements and events on social media!



4.15.2019