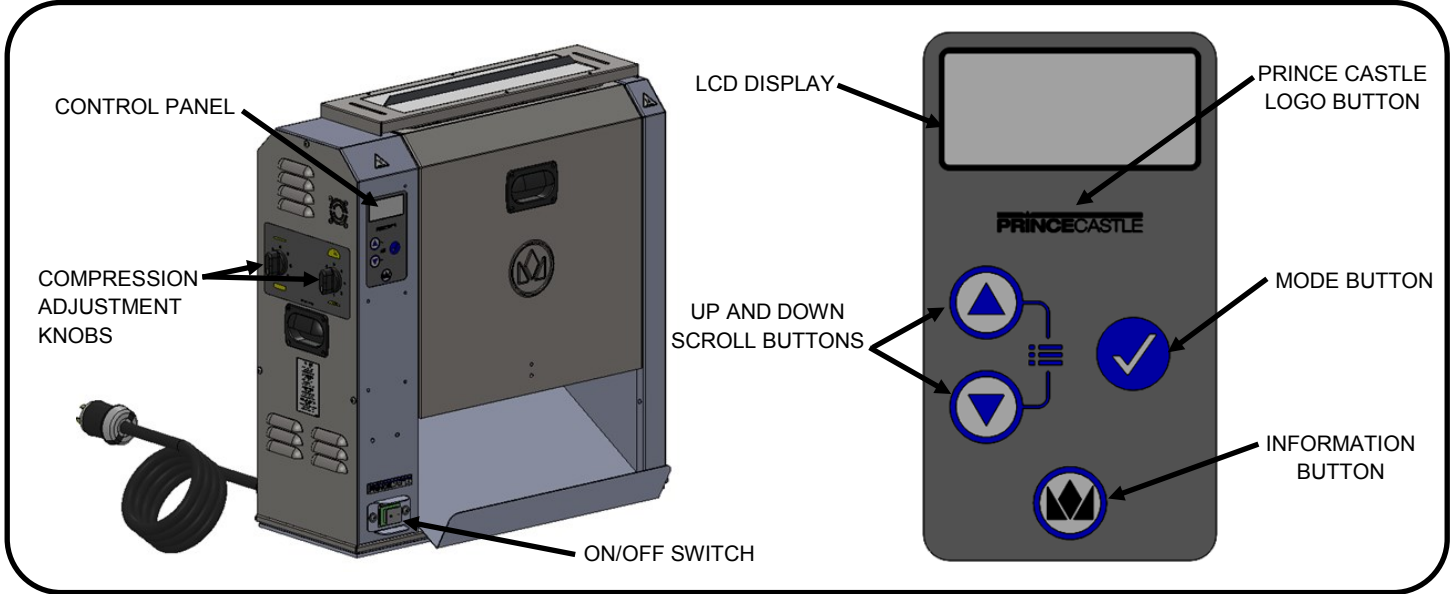


# Operation Manual



## Dual Continuous Feed Toaster DCFT-BKNA, -BKEU, -BKUK, -BAU

### Product Identification



### LIMITED WARRANTY

This product is warranted to be free from defects in material and/or workmanship for a period of 2 years (repair parts) + 2 years (service, labor) from date of original installation, not to exceed 30 months from date of shipment from our factory. Any part or component which proves to be faulty in material and/or workmanship within the warranty period will be replaced or repaired (at the option of Prince Castle, Inc.) without cost to the customer for parts or labor.

This warranty is subject to the following exceptions/conditions:

- Use of any non-genuine Prince Castle parts voids this warranty and all work must be performed by an authorized Prince Castle Service Agent.
- All labor shall be performed during regular work hours. Overtime premium will not be covered.
- Travel charges are limited to 100 miles (200 kilometers) round trip, 2 hours travel time, one trip per repair.
- Damage caused by carelessness, neglect, and/or abuse (e.g., using wrong current, dropping, tampering with or altering electrical components, or improper cleaning) is not covered.
- Equipment damaged in shipment, by fire, flood or an act of God is not covered.
- Damage to non-stick coated surfaces is not covered by this warranty.

### TABLE OF CONTENTS

Product Identification . . . . .	1
Safety Information . . . . .	2
General . . . . .	2
Important . . . . .	2
Electrical Specifications . . . . .	2
Installation . . . . .	2
Operation . . . . .	4
Management Programming . . . . .	5
Programming Diagram . . . . .	7
Daily Planned Maintenance . . . . .	8
Troubleshooting . . . . .	10
Exploded View and Parts List . . . . .	11
Wiring Diagram . . . . .	13
Declaration of Conformity . . . . .	14



355 EAST KEHOE BLVD. ~ CAROL STREAM, IL, 60188, USA  
PHONE: 630-462-8800 ~ TOLL FREE: 1-800-PCASTLE  
FAX 630-462-1460 ~ WWW.PRINCECASTLE.COM

# Dual Continuous Feed Toaster

## DCFT-BKNA, -BKEU, -BKUK, -BKAU



### Safety Information

#### WARNING

Indicates information important to the proper operation of the unit. Failure to observe may result in damage to the equipment and/or severe bodily injury or death.

#### CAUTION

Indicates information important to the operation of the unit. Failure to observe may result in damage to the equipment.

### General

This appliance is designed for toasting bread products in a commercial kitchen. The dimensions of the bread product are defined by customer.

### Important

Prince Castle reserves the right to change specifications and product design without notice. Such revisions do not entitle the buyer to corresponding changes, improvements, additions or replacements for previously purchased equipment.

### Electrical Specifications

200-240V, 50/60 Hz, 2150-3100W Single Phase

### Installation

- 1 Unpack and inspect.** Remove the unit from the carton and inspect for signs of damage. If there is damage to the unit:
- Notify the carrier within 24 hours of delivery.
  - Save carton and packaging materials for inspection purposes.
  - Contact your local dealer, or if purchased directly, the Prince Castle Sales Department at 1-800-722-7853 or 630-462-8800 to arrange for a replacement unit.

- 2 Verify parts.** Verify that all parts have been received:
- Dual Continuous Feed Toaster with two conveyors.
  - Bun Splitter
  - Ramp
  - Release Sheet

- 3 Place toaster on flat surface.** Remove blue and/or white protective covering.

#### CAUTION

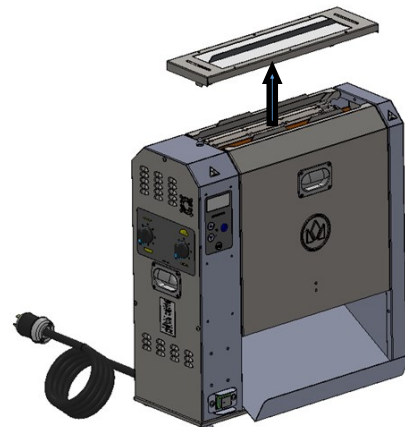
Two person lift, unit weight >100 lbs. (45 kg).

- 4 Remove packing.** Remove the cardboard spacer holding the conveyors up for shipping.

#### CAUTION

Equipment must be elevated from the floor at all times during cleaning and operation.

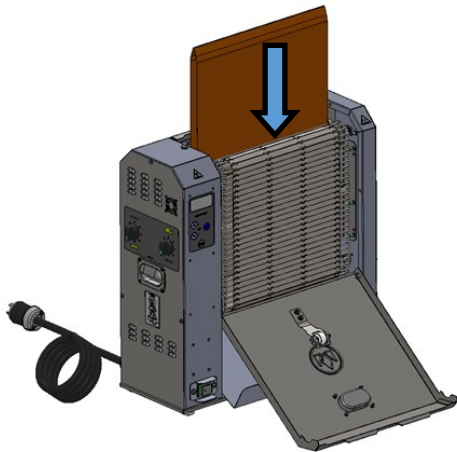
- 5 Remove bun infeed by lifting from toaster.**



### Installation (continued)

6

- **Install release sheet.**  
Place Teflon® release sheet over the platen.
- **Replace bun infeed.**



7

- **Plug unit in.** Plug unit into a grounded receptacle with a matching plug configuration.



 **WARNING**

All electrical connections must be in accordance with local electrical codes and any other applicable codes.

This appliance can be used by children aged from 8 years and above and persons with reduced physical, sensory or mental capabilities or lack of experience and knowledge if they have been given supervision or instruction concerning use of the appliance in a safe way and understand the hazards involved. Children shall not play with the appliance.

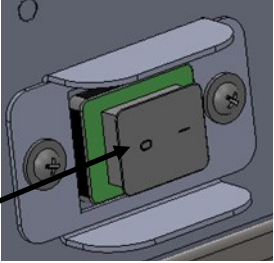
# Dual Continuous Feed Toaster

## DCFT-BKNA, -BKEU, -BKUK, -BKAU




### Operation


**1 Turn unit ON.** Turn the On/Off switch located below the display panel to ON. The Prince Castle DCFT screen will appear in the LCD display for 3 seconds.



**ON/OFF SWITCH**


**2 Wait through Warm-Up.** During warm-up, the LCD display will read "STATUS" and "WARMING...". Warm-Up time is about 10-15 minutes.




**3**  **WARNING:**

**BURN/ELECTRICAL SHOCK HAZARD!** Platen sections are HOT and can cause severe burns or severe shock. Keep hands and objects out of the toaster unit! Failure to exercise caution may result in serious injury! Turn the unit off, unplug it and let it cool down completely before touching or working on internal apparatus.

**Watch for READY status.** When ready temperature is reached, the LCD display will read "STATUS" and "READY".




**4 View temperature, if desired.** Pressing the INFORMATION button once will display the platen actual temperature. Pressing a second time will return the LCD display to the READY screen.



**INFORMATION BUTTON**

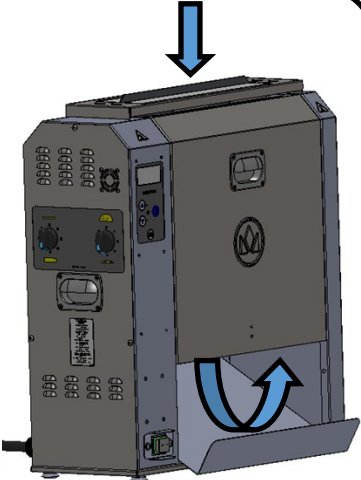
**5 Choose the compression adjustments.** Dial the front compression adjustment knob for the product part (Regular Crown, etc.) that you will be toasting in the front of the unit. Dial the rear compression adjustment knob for the product part (Regular Heel, etc.) that you will be toasting in the rear of the unit.



**REAR KNOB**

**FRONT KNOB**

**6 Begin continuous feeding.** Feed product into top of DCFT, sending the correct product parts down the front and rear of the unit. The sides to be toasted should face the platen. Toasted product will exit at the base of the DCFT.

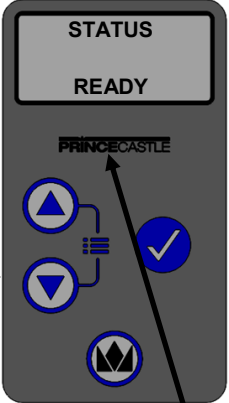


**Management Programming**

**1 Enter program screens.**  
 Press and hold the PRINCE CASTLE logo button for 6 seconds. The PROGRAMMING VERSION screen will appear in the LCD display for 10 seconds. From the PROGRAMMING VERSION screen, you may:

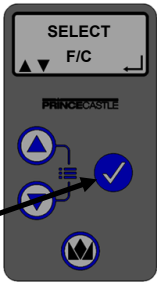
- A. Press the DOWN scroll button once to adjust toast time.
- B. Press the DOWN scroll button twice to choose Fahrenheit or Celsius.
- C. Press the DOWN scroll button three times to adjust temperature.
- D. Press the DOWN scroll button four times to change language.
- E. Press the PRINCE CASTLE logo button or leave the controls inactive for 10 seconds to exit programming.

**PRINCE CASTLE LOGO BUTTON**



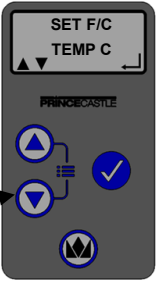
**3 Choose Fahrenheit or Celsius.** From the PROGRAMMING VERSION screen, press the DOWN scroll button once. From the SELECT F/C screen that appears, press the MODE button.

**MODE BUTTON**



A. From the SET F/C screen that appears, use the UP and DOWN scroll buttons to select TEMP = F (Fahrenheit) or TEMP = C (Celsius).

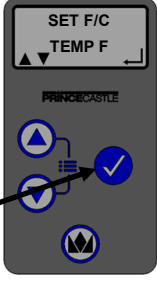
**UP/DOWN SCROLL BUTTONS**



B. Accept the new scale by pressing the MODE button to return to the SELECT F/C screen.

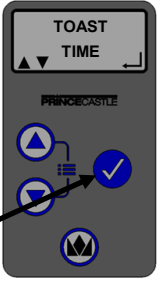
**MODE BUTTON**

*NOTE: To return without accepting the new setting, press the PRINCE CASTLE logo button.*



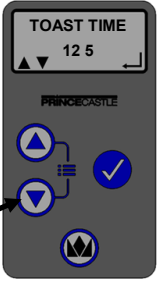
**2 Choose Toast Time.** From the PROGRAMMING VERSION screen, press the DOWN scroll button once. From the TOAST TIME screen that appears, press the MODE button.

**MODE BUTTON**



A. From the TOAST TIME screen that appears, use the UP and DOWN scroll buttons to select TIME. (8 to 36 sec.)

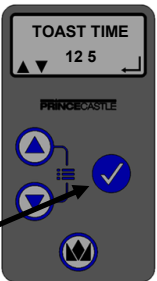
**UP/DOWN SCROLL BUTTONS**



B. Accept the new time by pressing the MODE button to return to the TOAST TIME screen.

*NOTE: To return without accepting the new setting, press the PRINCE CASTLE logo button.*

**MODE BUTTON**



# Dual Continuous Feed Toaster

## DCFT-BKNA, -BKEU, -BKUK, -BKAU



### Management Programming (Continued)

**4 Adjust set point temperature.** From the SELECT F/C screen, press the DOWN scroll button. From the SELECT PLATEN TEMPERATURE screen, press the mode button.

**A.** From the SET PLATEN screen that appears, adjust the platen set point temperature using the UP and DOWN scroll buttons. (300-560 degrees F)

**B.** Accept the new platen setting by pressing the MODE button to return to the SELECT PLATEN TEMPERATURE screen. *NOTE: To return without accepting the new setting, press the PRINCE CASTLE logo button.*

**5 Change language.** From the SELECT PLATEN TEMPERATURE screen, press the DOWN scroll button. From the SELECT LANGUAGE screen, press the MODE button.

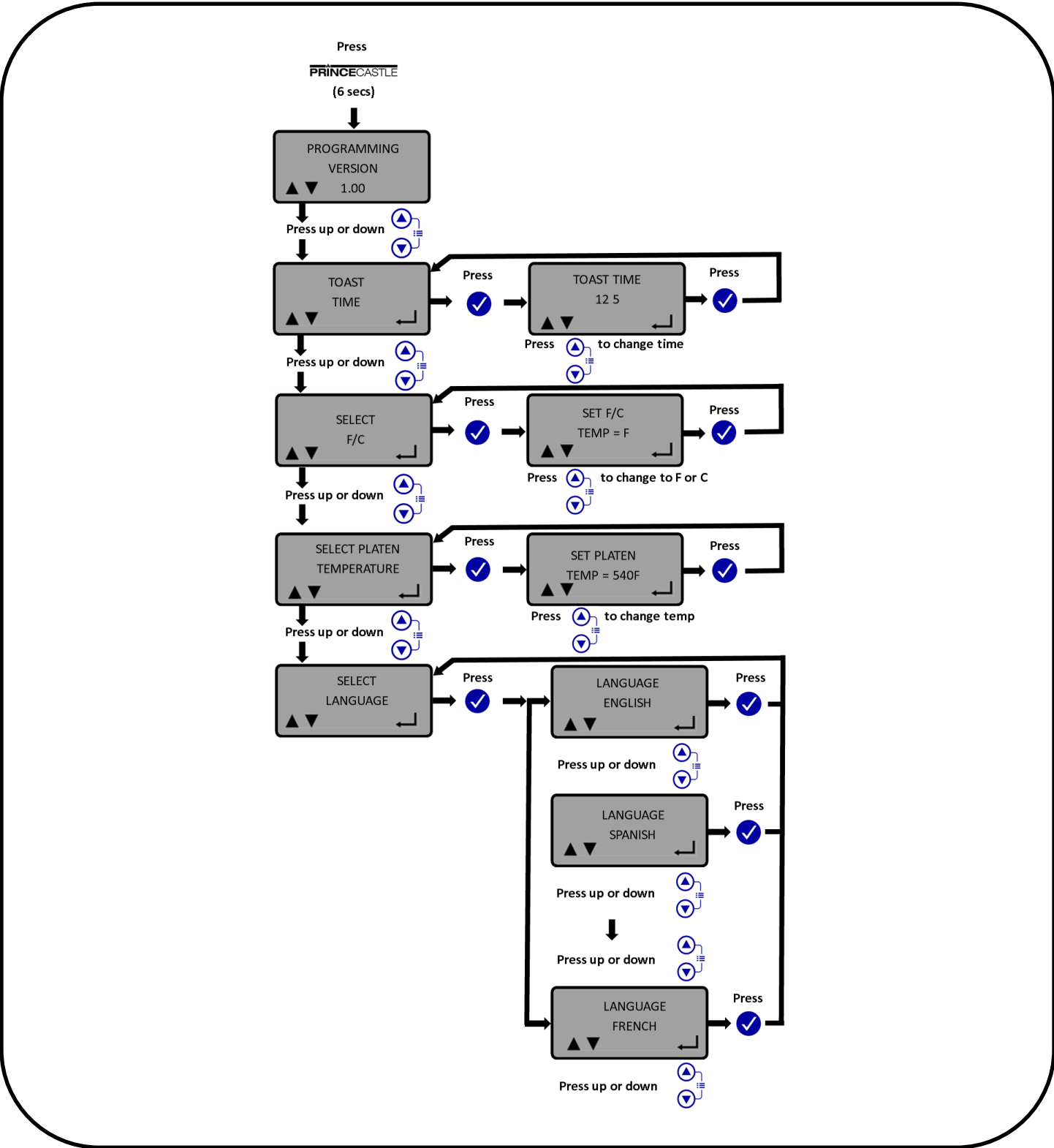
**A.** From the LANGUAGE screen that appears, use the UP and DOWN scroll buttons to select a different language.

**B.** Accept the new language by pressing the MODE button to return to the SELECT LANGUAGE screen. *NOTE: To return without accepting the new setting, press the PRINCE CASTLE logo button.*

**6 Exit programming.** Press the PRINCE CASTLE logo button from the SELECT F/C, SELECT PLATEN TEMPERATURE or SELECT LANGUAGE screen or leave the controls inactive for 10 seconds.

Temperature	Factory Presets	New Setting
Platen	540 F/283 C	
Toast Time	8 sec.	

**Programming Diagram**



# Dual Continuous Feed Toaster

## DCFT-BKNA, -BKEU, -BKUK, -BKAU

### Daily Planned Maintenance

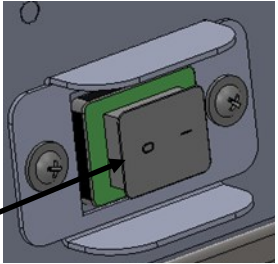
**⚠ WARNING:**  
**BURN/ELECTRICAL SHOCK HAZARD!** Platen sections are **HOT** and can cause severe burns or severe shock. Keep hands and objects out of the toaster unit! Failure to exercise caution may result in serious injury! Turn the unit off, unplug it and let it cool down completely before touching or working on internal apparatus.

**⚠ WARNING:**  
 If the supply cord is damaged, it must be replaced by the manufacturer, its service agent, or similarly qualified person to avoid a hazard.

**⚠ WARNING:**  
 Do not immerse toaster in water. Do not clean with a water hose or jet spray. Do not use abrasive cleaners, pads or tools on the platen or the release sheet. Failure to exercise caution will result in damage to the unit and will not be covered by warranty. Cleaning and user maintenance shall not be made by children without supervision.

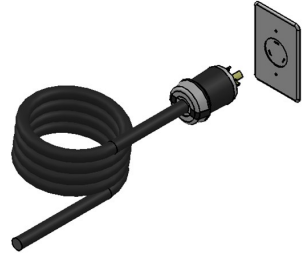
**1 Gather cleaning materials.** You will need a clean, damp cloth, soft bristle brush, neoprene gloves, lukewarm soap and water, and non-abrasive cleaner.

**2 Turn DCFT OFF.**  
 Turn the On/Off switch to OFF.

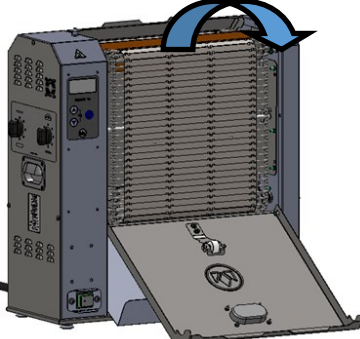


ON/OFF SWITCH

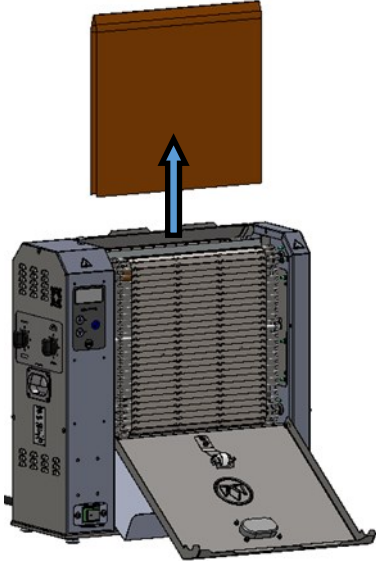
**3 Unplug and let cool.** Allow platen to cool for 60 minutes before cleaning. The plug removed from the outlet shall remain clearly visible to the operator during the maintenance procedure.



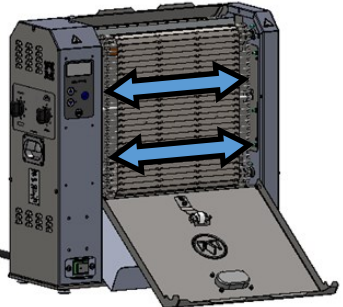
**4 Open doors.**  
 Clean inside of doors with damp cloth.



**5 Remove the release sheet.**  
 Lay the release sheet on a flat surface.

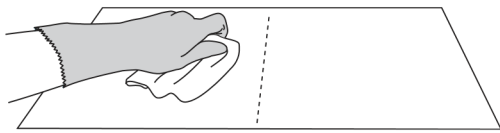


**6 Clean the conveyors.** Put on neoprene gloves. Wipe the conveyors with a damp cloth. Use a soft bristle brush as necessary.

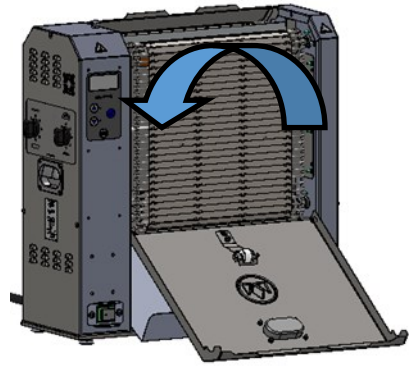


**Daily Planned Maintenance (Continued)**

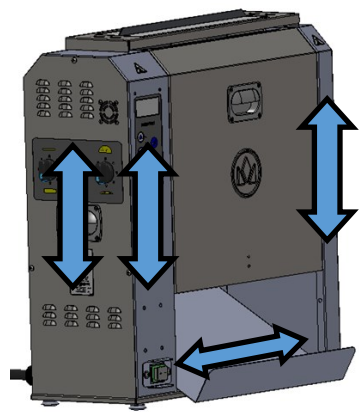
**7** **Clean the release sheet.** Dampen a clean cloth with lukewarm soap and water. Wipe down both sides of the release sheet, making sure all built-up sugar is removed. Allow to air dry. *NOTE: Rotate sheets daily for longer life. Depending on volume of product toasted, sheets should be replaced every 4 to 6 weeks.*



**8** **Close conveyor doors.**



**9** **Clean outside of the DCFT.** Dampen a clean cloth with lukewarm soap and water. Wipe down the outside of the entire DCFT. Wipe down the entire DCFT again with a fresh clean, sanitized towel. Wipe down ramp.



# Dual Continuous Feed Toaster

## DCFT-BKNA, -BKEU, -BKUK, -BKAU



### Troubleshooting



**WARNING**

**BURN/ELECTRICAL SHOCK HAZARD! Platen is HOT and can cause severe burns or severe shock. Keep hands and objects out of the toaster unit! Failure to exercise caution may result in serious injury! Turn the unit off, unplug it and let it cool down completely before touching or working on internal apparatus. The plug removed from the outlet shall remain clearly visible to the operator during the maintenance procedure.**

PROBLEM	POSSIBLE CAUSE	SOLUTION
Unit has no power	Unit unplugged	Plug unit in.
	Breaker tripped	Reset breaker.
	High limit	Call for service (888-375-2938).
	Loose connection on power switch	Call for service (888-375-2938).
	Inoperable power switch	Call for service (888-375-2938).
Unit will not heat up	Loose connection on platen	Call for service (888-375-2938).
	Open platen	Call for service (888-375-2938).
	Loose connection to the main control board	Call for service (888-375-2938).
	Inoperable main control board	Call for service (888-375-2938).
	Inoperable SS Relay	Call for service (888-375-2938).
Unit heats up, but the conveyor does not run	Inoperable motor	Call for service (888-375-2938).
	Stripped drive gear	Call for service (888-375-2938).
	Stripped conveyor gear	Call for service (888-375-2938).
	Jammed conveyor assembly	Call for service (888-375-2938).
	Inoperable drive train	Call for service (888-375-2938).
Not toasting properly (under- or over-done)	Inoperable t-probe	Call for service (888-375-2938).
	Improper set point	Adjust set point in programming (see <i>Management Programming</i> section).
	Improper compression	Adjust compression (see <i>Operation</i> section).
	Torn or soiled release sheet	Clean or replace release sheet.
	Bad platen	Call for service (888-375-2938).
Jumpy display	Improper ground	Call for service (888-375-2938).
Blank display	Inoperable display	Call for service (888-375-2938).
	Inoperable main control board	Call for service (888-375-2938).
	Loose wiring harness	Call for service (888-375-2938).
Relay shorted	Loose wiring harness	Call for service (888-375-2938).

**Exploded View and Parts List**

With the exception of maintenance items, such as Teflon sheets, electrical and mechanical parts should be replaced only by a qualified service representative.

No.	Part No.	Description
1	525-317S	Relay (ss)
2	525-318S	Relay (Power)
3	525-319S	Knobs (qty. of 2)
4	525-320S	Power Cord DCFT-BKNA
5	525-321S	Power Cord DCFT-BKEU
6	525-322S	Power Cord DCFT-BKUK
7	525-323S	Terminal Block
8	525-324S	Switch, Rocker
9	525-325S	Power Supply
10	525-326S	Ramp
11	525-327S	Release Sheet
12	525-328S	Drive Train
13	525-329S	Ball Bearings (qty. of 8)
14	525-330S	Bottom Shafts (qty. 2)
15	525-331S	Expansion Plate
16	525-332S	Top Shafts (qty. 2)
17	525-333S	Air Shield
18	525-334S	Side Panel - Support Side
19	525-335S	Side Panel - Control Side
20	525-336S	Tensioner For Belt (qty. 2)

No.	Part No.	Description
21	525-337S	Belt (qty. 2)
22	525-338S	Tensioner For Chain
23	525-339S	Bun Splitter
24	525-340S	Door (qty. 2)
25	525-341S	Platen
26	525-342S	Overlay
27	525-343S	Membrane Switch
28	525-344S	Handle (qty. 4)
29	525-345S	Cut Off Switch
30	525-346S	Chain
31	525-347S	Hinge Pins (qty. 8)
32	525-348S	LCD Display
33	525-349S	Temperature Probe
34	525-350S	Fan
35	525-351S	PCB Main Board
36	525-352S	High Limit Switch
37	525-353S	Bracket For Control Board
38	525-354S	Motor
39	525-356S	Power Cord DCFT-BKAU
40		

**See diagram on next page**

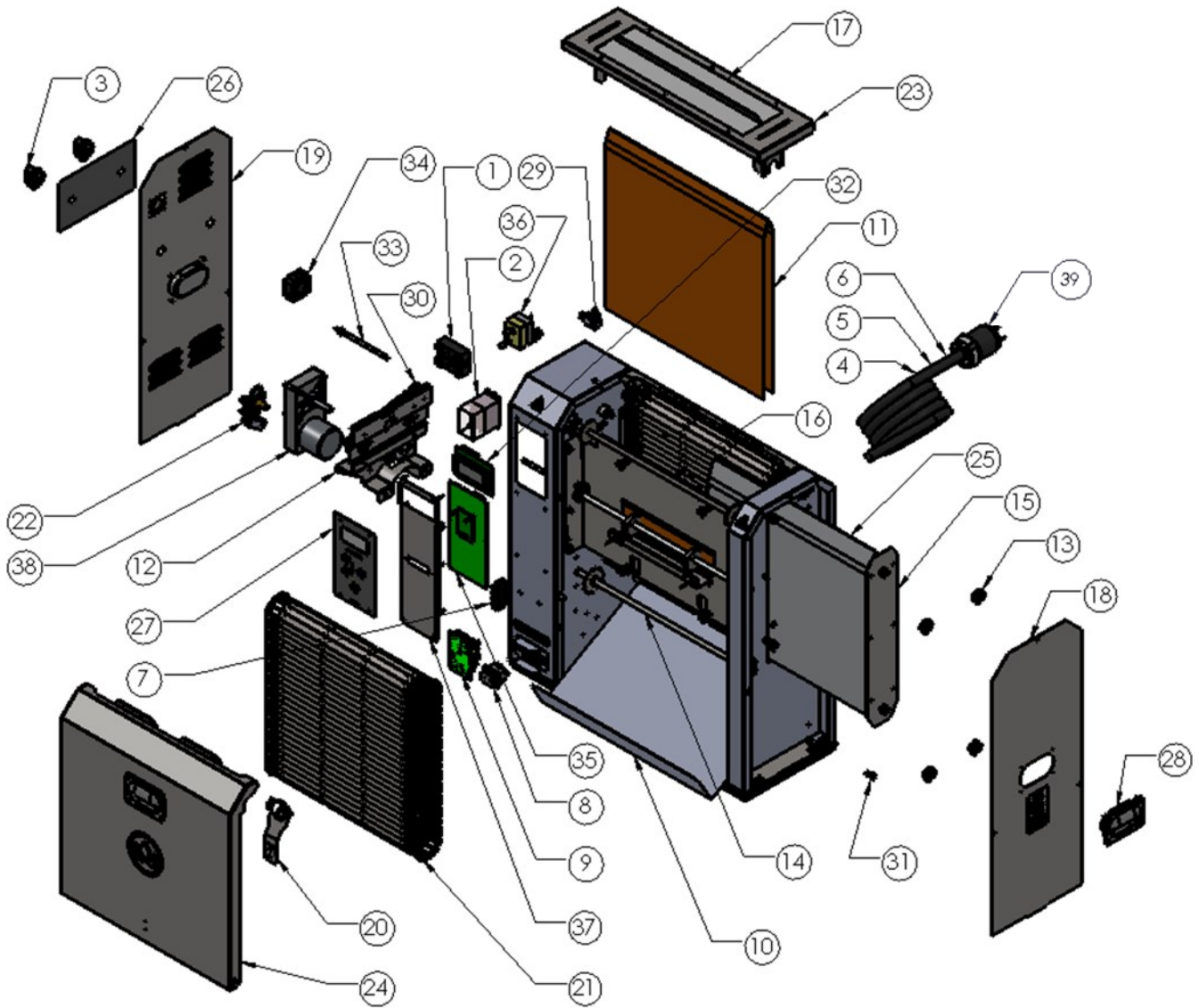
# Dual Continuous Feed Toaster

## DCFT-BKNA, -BKEU, -BKUK, -BKAU

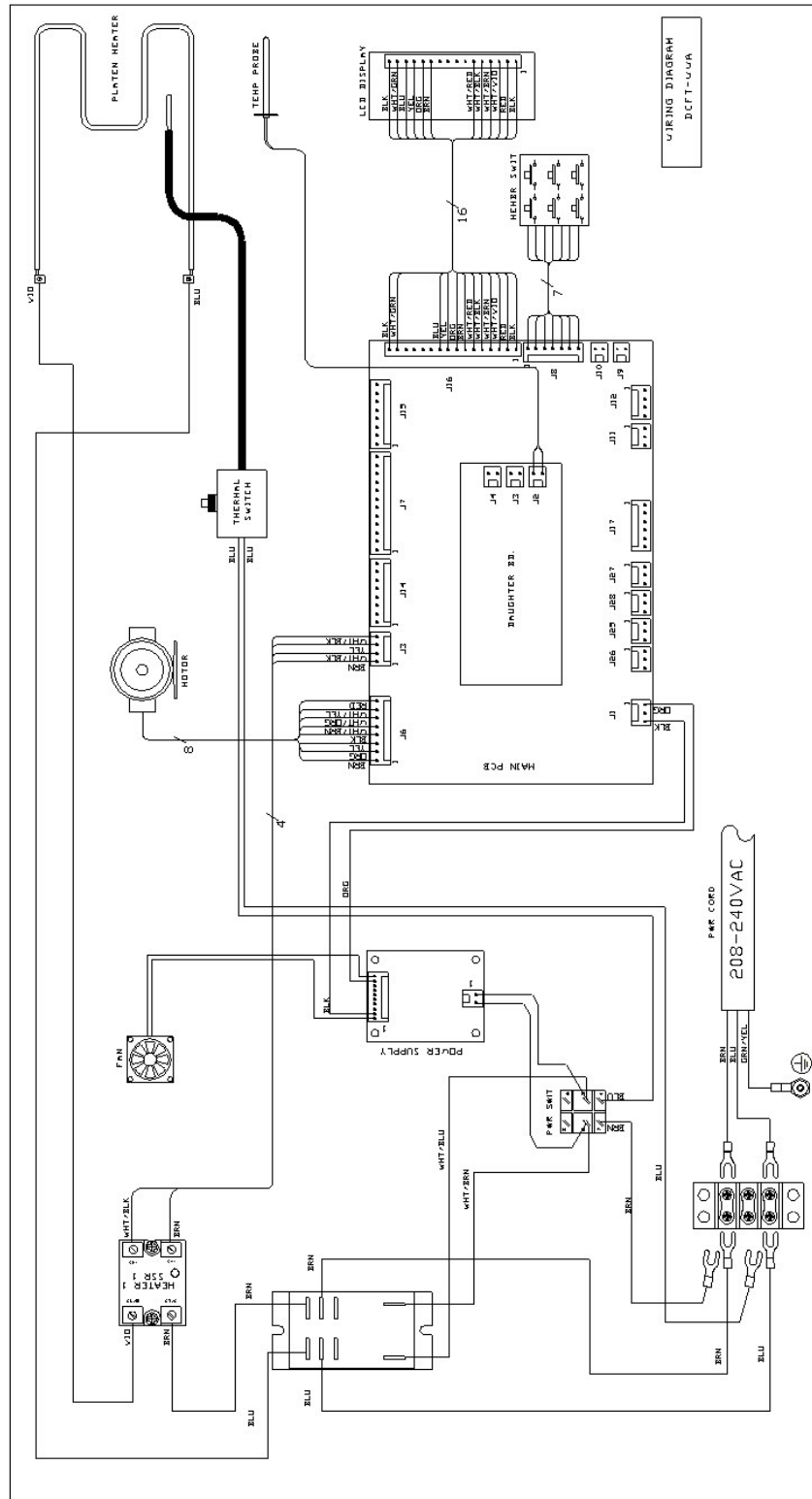


### Exploded View and Parts List

With the exception of maintenance items, such as Teflon sheets, electrical and mechanical parts should be replaced only by a qualified service representative.



**Wiring Diagram**



**Conformity**

**EC Declaration of Conformity**

In accordance with EN ISO 17050-1:2004

We Prince Castle LLC  
 Of 355 E. Kehoe Blvd., Carol Stream, IL 60188 USA



In accordance with the following directive(s)

- 2006/95/EC The Low Voltage Directive
- 2014/30/EU The Electromagnetic Compatibility Directive
- 2011/65/EU Restriction of Hazardous Substances (RoHS)

Hereby declare that:

Equipment: Commercial Vertical Bread Toaster  
 Model number: DCFT- with suffixes

Is in conformity with the applicable requirements of the following documents:

Ref. No.	Title	Edition/date
EN 55014-1	Electromagnetic Compatibility: Radiated and Power Line Conducted Emissions	A1:2009, A2:2011
EN 55014-2	Electromagnetic Compatibility: Requirements for Household Appliances: Immunity	A1:2001, A2:2008
IEC 60335-1	Household and Similar Electrical Appliances: Safety General Requirements	2010 (Ed. 5)
IEC 60335-2-48	Household and Similar Electrical Appliances: Safety: Particular Requirements for Toasters	2002 (Ed. 4) +A1:2008
IEC 62233	Measurement Methods for Electromagnetic Fields of Household Appliances with Regard to Human Exposure	2008

I hereby declare that the equipment named above has been designed to comply with the relevant sections of the above referenced specifications. The unit complies with all applicable essential requirements of the Directives



Matthew Adomaitis  
 Compliance Engineer

18 April 2016