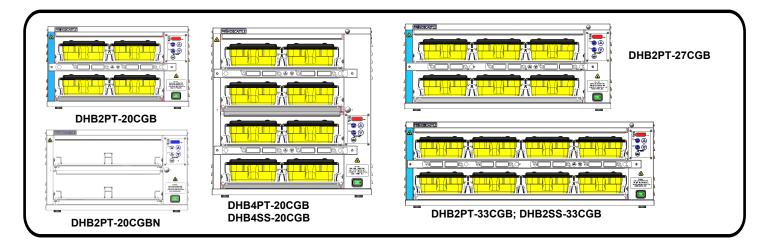
# Operation Manual



# **DHB-CGB** Series





ATTENTION: Read the instructions before using the machine.

#### LIMITED WARRANTY

## TABLE OF CONTENTS

This product is warranted to be free from defects in material and/or workmanship for a period of 1 years from date of original installation, not to exceed 18 months from the date of manufacture.

Any component which proves to be faulty in material and/or workmanship will be replaced or repaired (at the option of Prince Castle LLC) without cost to the customer for parts and labor. This warranty covers on location service (i.e. trip charges and or mileage). Travel mileage is limited to 100 miles (200 Kilometers) round trip (one trip warranty) from an authorized service agency or its sub-service agency. This warranty is subject to the following exceptions/conditions:

• Use of any non-genuine Prince Castle parts voids this warranty.

• All labor to be performed during regular work hours. Overtime premium (the incremental amount) will be charged to the customer.

· Damage caused by carelessness, neglect and/or abuse

(e.g., dropping, tampering or altering parts, equipment damaged in shipment,

by fire, flood or an act of nature) is not covered under this warranty.

 All problems due to operation at voltages other than that specified on equipment nameplates are not covered by this warranty. Conversion to correct voltage is the customer's responsibility.

• This equipment must be serviced by Prince Castle Authorized Service Agency or a Prince Castle Service Technician during the warranty period.

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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

## **Model Specifications**

STYLE	MODEL NO.	VOLTAGE	AMPS	HERTZ
2H X 4W	DHB2PT/SS-33CGB	208-240	20 Max	50/60
4H X 2W	DHB4PT/SS-20CGB	208-240	20 Max	50/60
2H X 3W	DHB2PT-27CGB	208-240	20 Max	50/60
2H X 2W	DHB2PT/SS-20CGB	208-240	20 Max	50/60
2H X 2W	DHB2PT-20CGBN (No timer bars)	208-240	20 Max	50/60

#### Â 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.

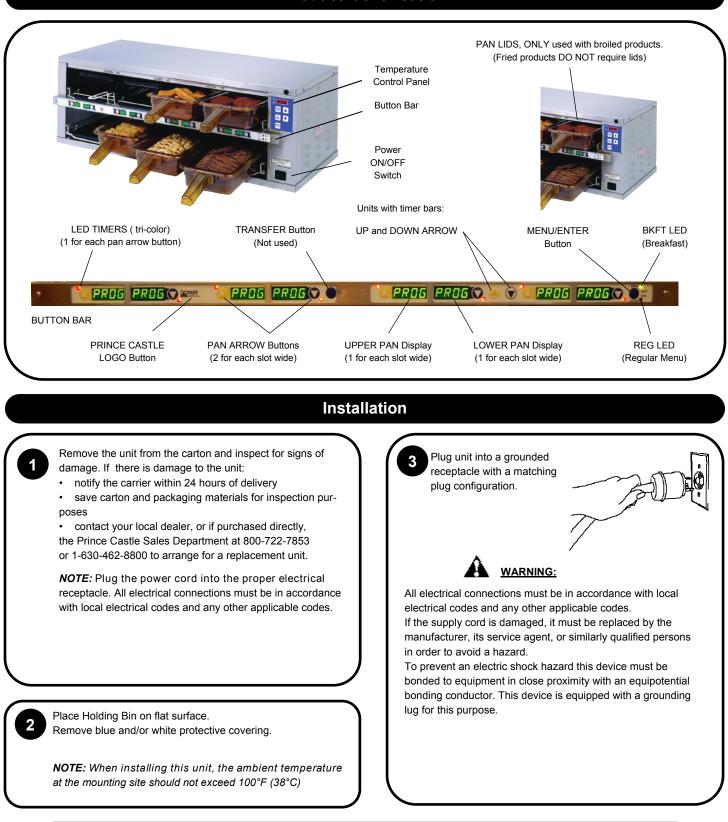
Important

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.



#### Product Identification

PRIN

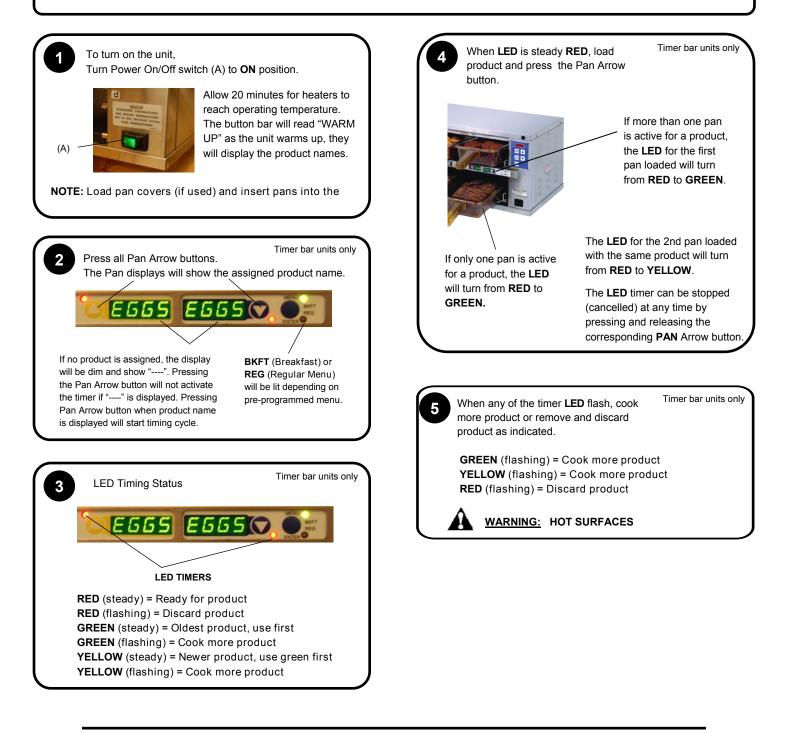






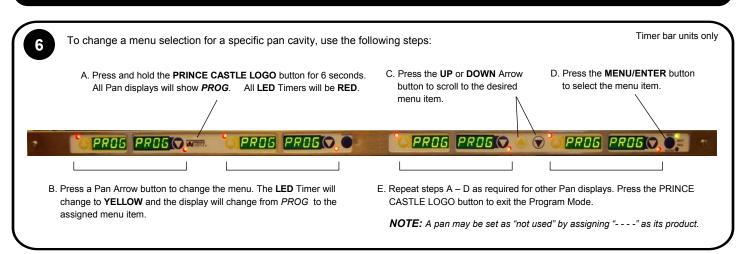
## Operation

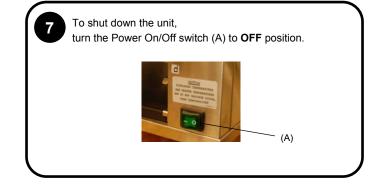
<u>WARNING</u>: This application is not intended for use by persons (including children) with reduced physical, sensory or mental capabilities, or lack of experience and knowledge, unless they have been given supervision or instruction concerning use of the appliance by a person responsible for their safety.





#### **Operation (continued)**





#### Cleaning

#### WARNING:

Before performing any maintenance, turn the power switch to the OFF position and unplug the power cord from the electrical receptacle.



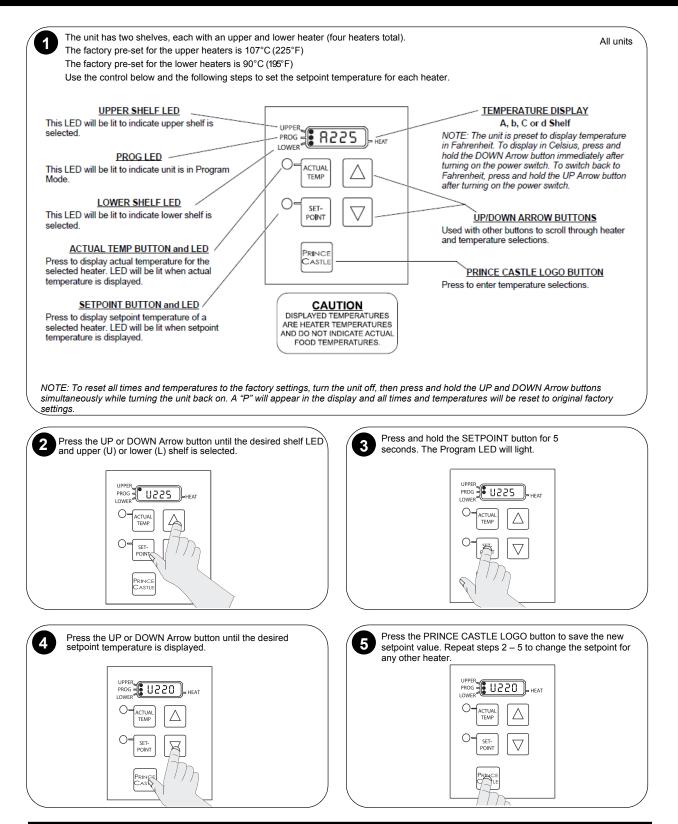
#### CAUTION:

This unit is not watertight. Do not clean with a water jet/jet spray. Do not immerse the unit in water.

1. Turn the unit off and unplug the power cord from electrical receptacle. 2. Remove the pans and covers. Wipe all parts and unit with a damp cloth. DO NOT use a green Scotch Bright pad cleaner, ice or water.



## Setting the Temperature

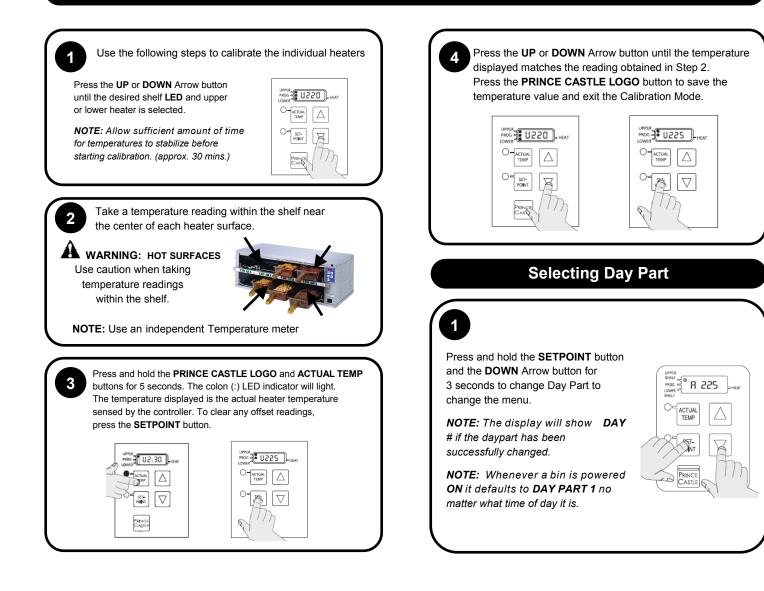


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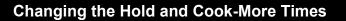
#### **Calibrating Heaters**

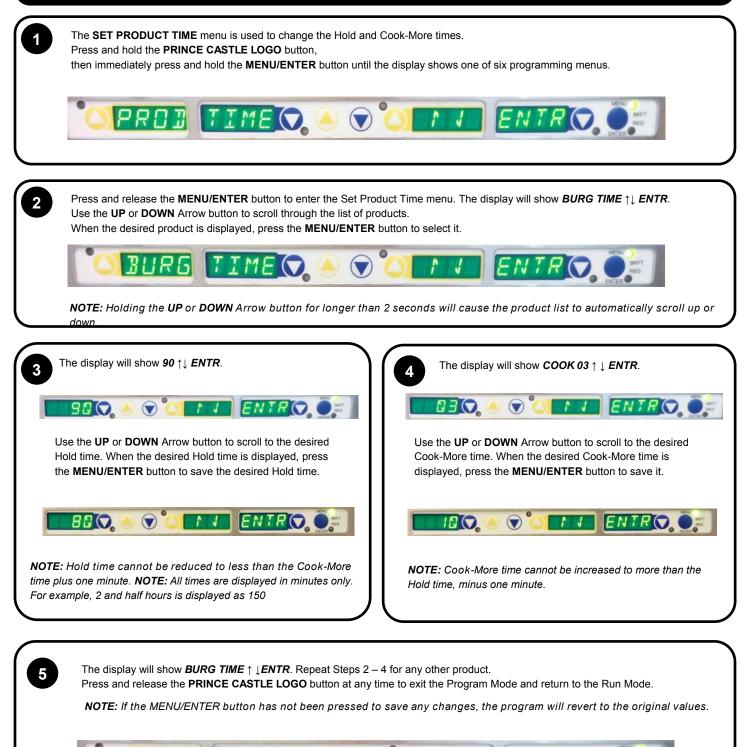




Timer bar units only

## **DHB-CGB** Series





BURG TIME

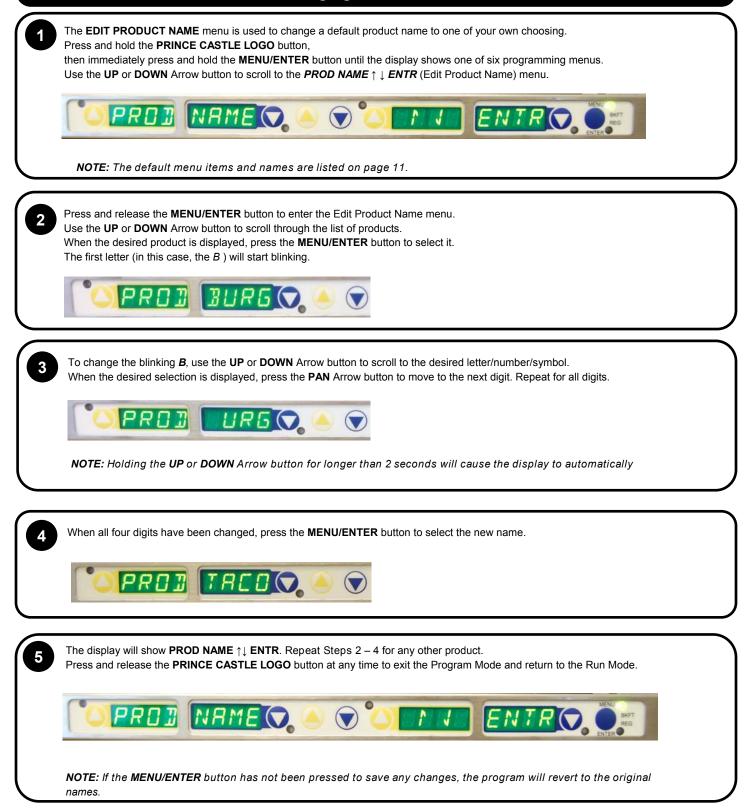
ENTRO



Timer bar units only

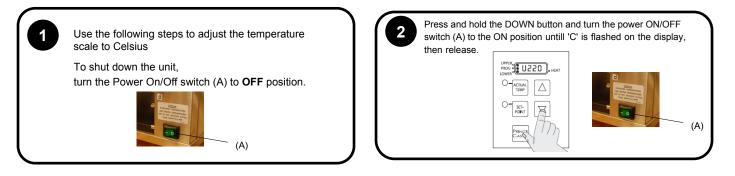
PRI

**Changing Product Names** 





## **Changing Temperature Scale to Celsius**



## Changing Temperature Scale to Fahrenheit

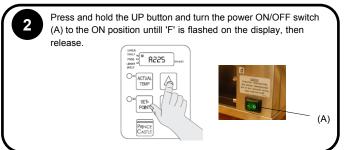


Use the following steps to adjust the temperature scale to Fahrenheit

To shut down the unit, turn the Power On/Off switch (A) to **OFF** position.



(A)





## **Default Menu Items**

#### PRODUCTS

Menu 2: BGR1 BGR1 BGR2 BG BGR1 BGR1 BGR2 BG Menu 3: CHX1 CHX2 CHX3 WI CHX1 CHX2 CHX3 FI Menu 4: CHX1 WING MOZ PI CHX2 WING MOZ PI CHX2 WING MOZ PI		HAM	SAUS	EGGS	EGGS
BGR1 BGR1 BGR2 BG   Menu 3: CHX1 CHX2 CHX3 Wind   CHX1 CHX2 CHX3 Fi   Menu 4: CHX1 WING MOZ Pi   CHX2 WING MOZ Pi   Menu 5: CHX1 CHX3 WING OR		BACN	SAUS	EGGS	EGGS
BGR1 BGR1 BGR2 BGR2   Menu 3: CHX1 CHX2 CHX3 Windition   CHX1 CHX2 CHX3 Fill   Menu 4: CHX1 WING MOZ Prediction   Menu 5: CHX1 CHX3 WING OR	_		1		
Menu 3: CHX1 CHX2 CHX3 Wi CHX1 CHX2 CHX3 FI Menu 4: CHX1 WING MOZ Pu CHX2 WING MOZ Pu CHX2 WING MOZ Pu CHX2 WING MOZ Pu	nu 2:	BGR1	BGR1	BGR2	BGR2
CHX1 CHX2 CHX3 FI   Menu 4: CHX1 WING MOZ P4   CHX2 WING MOZ P4   Menu 5: CHX1 CHX3 WING OR	L	BGR1	BGR1	BGR2	BGR2
CHX1 CHX2 CHX3 FI   Menu 4: CHX1 WING MOZ P4   CHX2 WING MOZ P4   Menu 5: CHX1 CHX3 WING OR	nu 3. [	CHY1	СНХ2	СНХЗ	WING
CHX2 WING MOZ Provide the contract of the cont					FISH
CHX2 WING MOZ Provide the contract of the cont					1
Menu 5: CHX1 CHX3 WING OR	nu 4:	CHX1	WING	MOZ	POP
		CHX2	WING	MOZ	POP
	_				
CHX2 WING POP MU	nu 5:	CHX1	CHX3	WING	ORNG
	L	CHX2	WING	POP	MUSH
Menu 6: EGGS EGGS HAM SA		FCCS	FCCS	цам	SAUS
	inu 0.				SAUS
			2000	571011	0/100

DHB4SS-20CGB Default Settings:				
Menu 1:	HAM	SAUS		
	BACN	EGGS		
	HAM	SAUS		
	BACN	EGGS		
Menu 2:	BGR1	BGR2		
Menu 3:	CHX1	CHX3		
	CHX2	WING		
	CHX1	CHX3		
	CHX2	WING		

Menu 4:	FISH	POP
	MOZ	MUSH
	FISH	POP
	MOZ	MUSH

Menu 5:	POP	ORNG
	MOZ	MUSH
	POP	ORNG
	MOZ	MUSH

Menu 6:	EGGS	BACN
	HAM	SAUS
	EGGS	BACN
	нам	21142

Product	Hold	Cook
Name	Time	Time
BGR1	30	3
BGR2	30	3
CHX1	30	3
CHX2	30	3
CHX3	30	3
WING	30	
FISH	20	4
EGGS	30	
SAUS	30	
BACN	30	3
HAM	30	3
POP	30	3
MOZ	30	3
ORNG	10	3 3 3 4
MUSH	30	3
NUGG	30	3
SPCY	30	4
TOST	10	2
STRS	30	3
LRGE	20	3
SIX	20	2 3 3 3 3 3
BBQ	20	3
CRSP	30	4
STRP	20	4
SPC1	30	

# Default Temperatures by Zone (per Day Part)

DHB	2X4 2SS-33CGB		K2 5-20CGB
		Day Part 1	Day Part 2
Day Part 1	Day Part 2	UPPER HEATER 107°C (225°F)	UPPER HEATER 110°C (230°F) pan pan
UPPER HEATER 107°C (225°F)	UPPER HEATER 110°C (230°F)	LOWER HEATER 90°C (195°F)	LOWER HEATER 98°C (210°F)
pan pan pan pan	pan pan pan pan	UPPER HEATER 107°C (225°F)	UPPER HEATER 110°C (230°F)
LOWER HEATER 90°C (195°F)	LOWER HEATER 98°C (210°F)	pan pan	pan pan
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		LOWER HEATER 90°C (195°F)	LOWER HEATER 98°C (210°F)
		UPPER HEATER 107°C (225°F)	UPPER HEATER 110°C (230°F)
		pan pan	pan pan
		LOWER HEATER 90°C (195°F)	LOWER HEATER 98°C (210°F)



#### Troubleshooting

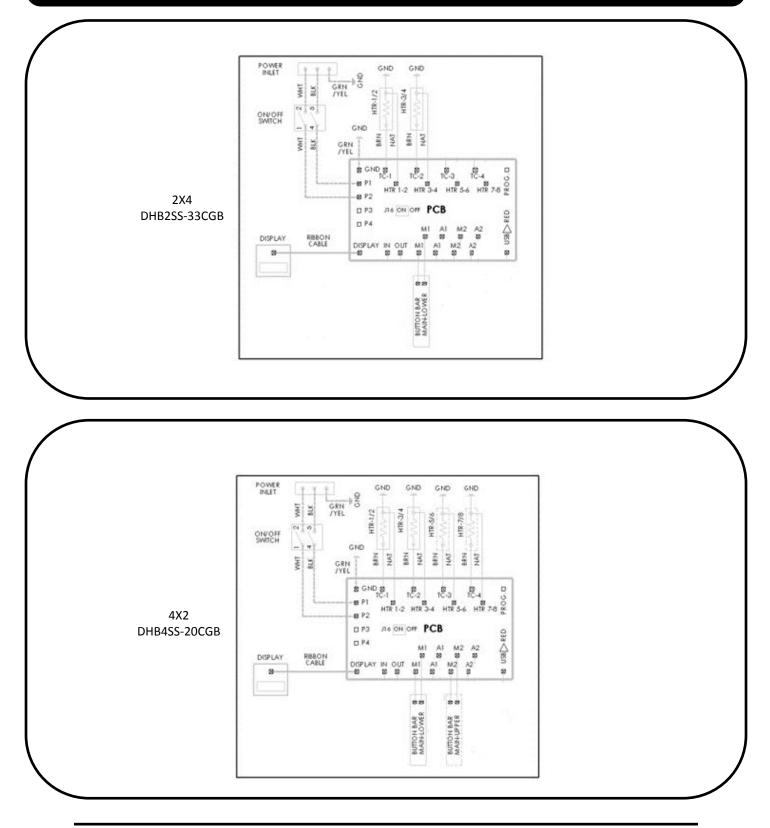
**WARNING:** To avoid personal injury and possible damage to the unit, troubleshooting and repair of electrical equipment should be performed by qualified service personnel. This unit should be unplugged when servicing. Except when electrical tests are required. Use extreme caution during electrical circuit tests as live circuits may be exposed.

Problem	Probable Cause	Solution
No Power	Power switch is turned off,	Turn power switch to ON position, Ensure power cord is connected
	Power cord is not plugged in.	to proper receptacle
Unit will not heat up	Wrong power cord, loose connection on power switch and/or heater	CALL TECH SUPPORT
		1-800-462-8800
Unit heats up but timer	Timer bar wiring disconnected,	CALL TECH SUPPORT
bars do not work	timer bar is defective	1-800-462-8800
Unit under/over heats	Check temperature settings	CALL TECH SUPPORT
	Check temperature scale	1-800-462-8800
Display flashes <b>OPN</b> and Open relay, circuit or heater inoperable		CALL TECH SUPPORT
REL		1-800-462-8800
Display flashes <b>SHR</b> and	Shorted relay, circuit inoperable,	CALL TECH SUPPORT
REL	open heater, unplugged ribbon cable	1-800-462-8800
	Temperature is above 300 F (149 C),	CALL TECH SUPPORT
er surface temperature is hot	Abnormal operation	1-800-462-8800

For all technical support, please contact **PRINCE CASTLE LLC 1-800-462-8800** For technical support worldwide, contact your local service representative / installer.

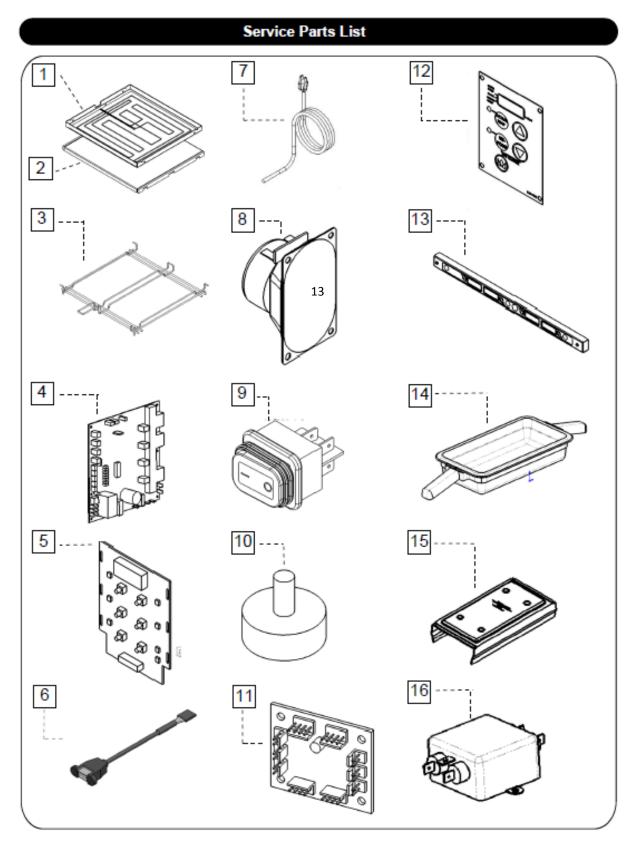


#### Wiring Diagrams





## **Product Holding Bin DHB2PT- CK Series**





### Part Kit List

Ref	Part No	Description
1	542-435S	Kit, Upper Heater Assy (DHB2PT/2SS-33CGB)
	542-426S	Kit, Upper Heater Assy (DHB2PT-27CGB)
	542-419S	Kit, Upper Heater Assy (DHB2PT/4PT/4SS-20CGB)
2	542-430S	Kit, Lower Heater Assy (DHB2PT/2SS-33CGB)
	542-416S	Kit, Lower Heater Assy (DHB2PT/27CGB)
	542-412S	Kit, Lower Heater Assy (DHB2PT/4PT/4SS-20CGB)
3	541-636S	Kit, Rack Guide (DHB2PT/2SS-33CGB)
	541-724S	Kit, Rack Guide (DHB2PT-27CGB)
	541-169S	Kit, Rack Guide (DHB2PT/4PT/4SS-20CGB)
4	541-735S	Kit, Main PCB <b>(DHB2PT/2SS-33CGB)</b>
	541-734S	Kit, Main PCB <b>(DHB2PT-27CGB)</b>
	541-733S	Kit, Main PCB <b>(DHB2PT-20CGB)</b>
	541-802S	Kit, Main PCB <b>(DHB4PT/4SS-20CGB)</b>
	541-1733S	Kit, Main PCB <b>(DHB2PT-20CGBN)</b>
5	541-719S	Kit, Display PCB
6	95-1819S	Kit, USB
7	72-526S	Kit, Power Cord
8	88-709-2-11S	Kit, Speaker
9	78-219S	Kit Power Switch
10	197-232S	Kit, Foot Mounting
11	541-959S	Kit, PCB Audio Interface
12	541-1202S	Kit, Display Overlay
13	541-1534S	Kit, Main Timer Bar (DHB2PT/2SS-33CGB)
	541-1533S	Kit, Main Timer Bar <b>(DHB2PT-27CGB)</b>
	541-1531S	Kit, Main Timer Bar (DHB2PT/4PT/4SS-20CGB)
14	541-442S	Kit, Pan <b>(ALL DHB WITH PT)</b>
	541-1095S	Kit, Pan <b>(ALL DHB WITH SS)</b>
15	541-723E16S	Kit, Cover
16	88-826S	Kit, Filter EMI 20A