# Operation Manual

## **Product Holding Bin** DHB2PT-33DQ Series

#### **Product Identification**



#### LIMITED WARRANTY

This product is warranted to be free from defects in material and/or workmanship for a period of 1 year 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, Inc.) 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. Overtaine 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 God) 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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#### **Safety Information**

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

#### **Electrical Information**

Model	Volts	Hz	Watts	Amps	Plug Number	Agency Approval
DHB2PT-33DQ	208-240	60	2600 Max	10.8 Max	NEMA L6-15P	UL / cUL / UL Sanitation

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 Holding Bin DHB2PT-33DQ Series



Selecting Breakfast and Regular	Menus
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Changing the Hold	& Cook-More Times
<ul> <li>A. The SET PRODUCT TIME menu is used to change the Hold &amp; C</li> <li>B. Press and hold the PRINCE CASTLE LOGO button, then immed of three programming menus.</li> <li>C. Use the UP or DOWN Arrow button to scroll to the SET PROD TIME</li> </ul>	cook-More times. diately press and hold the MENU/ENTER button until the display shows one is $\hat{\mu} \in \hat{\mu} \downarrow$ ENTR menu.
	MENU/ENTER Button
<ul> <li>A. Press and release the MENU/ENTER button to enter the Set Product Time menu. The display will show, for example, SET EGGS TIME ↑ U ENTR.</li> <li>B. Use the UP or DOWN Arrow button to scroll through the list of products. When the desired product is displayed, press the MENU/ENTER button to select it.</li> </ul> Product TRANSFER DEGS TIME OF OF U ENTR OF U U OT DOWN Arrow Buttons for longer than 2 seconds will cause the product list to automatically scroll up or down.	<ul> <li>A. The display now shows the current hold time.</li> <li>HOLD TRANSFER CEGS 200 C T U ENTROL MENT</li> <li>B. Use the UP or DOWN Arrow button to scroll to the desired hold time. When the desired hold time is displayed, press the MENU/ENTER button to save the desired hold time.</li> <li>HOLD TRANSFER CEGS 2:0 C T U ENTROL MENT</li> <li>MOTE: Hold time cannot be reduced to less than the Cook-More time plus one minute.</li> </ul>
<ul> <li>A. The display will now show current Cook-More time. Use the UP or DOWN Arrow button to scroll to the desired cook - more time. Cook-More Time</li> <li>COOK</li> <li>TRANSFER</li> <li>ESG5</li> <li>COOK</li> <li>COOK</li> <li>TRANSFER</li> <li>ESG5</li> <li>COOK</li> <li>COOK</li> <li>TRANSFER</li> <li>ESG5</li> <li>COOK</li> <li>TRANSFER</li> <li>ESG5</li> <li>COOK</li> <li>COOK</li> <li>TRANSFER</li> <li>ESG5</li> <li>COOK</li> <li>TRANSFER</li> <li>ESG5</li> <li>COOK</li> <li>TRANSFER</li> <li>ESG5</li> <li>COOK</li> <li>TRANSFER</li> <li>ESG5</li> <li>COOK</li> <li>COOK</li></ul>	<ul> <li>A. The display will show SET PROD TIME A USENTR. Repeat Steps 2 – 4 for any other product.</li> <li>B. Press and release the PRINCE CASTLE LOGO button at any time to exit the Programming Mode and return to the Run Mode.</li> <li>NOTE: If the MENU/ENTER button has not been pressed to save any changes, the program will revert to the original values.</li> </ul>



Set Maximum	Transfer Time
<ul> <li>A. The SET MAXIMUM TRANSFER TIME menu is used to set the an</li> <li>B. Press and hold the PRINCE CASTLE LOGO Button, then immed of four programming menus.</li> <li>C. Use the UP or DOWN Arrow Button to scroll to the MRX XFR TIME</li> </ul>	mount of time allowed to make a product transfer from one pan to another. liately press and hold the MENU/ENTER Button until the display shows one $\hat{T} \Downarrow$ ENTR (Set Maximum Transfer Time) Menu.
<ul> <li>A. Press and release the MENU/ENTER Button to enter the Set Maximum Transfer Time menu.</li> <li>B. The display shows ©RX XFR :20 ît ↓ ENTR. This shows a value of 20 seconds.</li> </ul>	<ul> <li>A. To change the time, use the UP or DOWN Arrow Button to scroll to the desired time. When the desired selection is displayed, press the MENU/ENTER Button to enter the selection.</li> <li>B. Press and release the PRINCE CASTLE LOGO Button at any time to exit the Programming Mode and return to the Run Mode.</li> <li>NOTE: If the MENU/ENTER Button has not been pressed to save any changes the program will event to the original time.</li> </ul>
TRANSFER XFR .20	TRANSFER OXFR .25



#### **CastleNet® Communications Network**



#### **Factory Presets**

#### **Product Menu Detail**

Product	Display Name	Hold Minutes <sup>1</sup>	Cook-More Minutes <sup>1</sup>	
Hamburger	BGR1	30	3	
Hamburger	BGR2	30	3	
Hot Dog 10:1	DOG1	30	3	
Hot Dog Foot Long	DOG2	30	3	
Grilled Chicken	GRCK	30	3	
Breaded Chicken	BRCK	30	3	
Chicken Strip	STRP	30	3	
Gravy	GRVY	30	3	
Chili Hot Dog Sauce	CHLI	30	3	
Bacon	BACN	30	3	
Special #1	SPC1 <sup>2</sup>	30	3	
Special #2	$SPC2^2$	30	3	
Special #3	SPC3 <sup>2</sup>	30	3	
Special #4	$SPC4^2$	30	3	
Special #5	$SPC5^2$	30	3	
Special #6	SPC6 <sup>2</sup>	30	3	
Special #7	$SPC7^2$	30	3	
Special #8	SPC8 <sup>2</sup>	30	3	
Special #9	SPC9 <sup>2</sup>	30	3	
Special #A	$SPCA^2$	30	3	
Special #B	$SPCB^2$	30	3	
Special #C	$SPCC^2$	30	3	
Special #D	$SPCD^2$	30	3	
Special #E	$SPCE^2$	30	3	
Special #F	$\text{SPCF}^2$	30	3	

1.

Hold and Cook-More times may be re-programmed. See page 7. Product abbreviations EXP1 through EXPF may be reprogrammed. See page 8. 2.



#### Troubleshooting

PROBLEM	POSSIBLE CAUSE	CORRECTIVE ACTION
Display flashes Opn & REL.	Open relay. Circuit inoperable.	Replace power circuit board.
Display flashes SHR & REL.	Shorted relay. Circuit inoperable.	Replace power circuit board.
	Open heater.	Test heater resistance (150.2 Ohms). Replace heater if necessary.
	Unplugged ribbon cable between power and main circuit boards.	Verify ribbon cable connection.
Display flashes Opn & REL.	Temperature is below 75°F.	Normal display during warmup.
	Heater inoperable.	Test heater resistance (150.2 Ohms).
	Probe inoperable.	Check for open thermocouple wires from probe. Replace heater/probe assembly.
	Relay inoperable.	Replace power circuit board.
Display shows HHH for an extend- ed period of time and heater sur- face temperature is hot.	Temperature is above 300°F (abnormal operation).	Diagnostic circuit inoperable. Replace power circuit board.
Display shows HHH for an extend- ed period of time and heater sur- face temperature is cool.	Probe is inoperable.	Check for pinched thermocouple wires from probe. Replace heater/probe assembly.

### Wiring Diagram



## Product Holding Bin DHB2PT-33DQ Series

## Parts List & Exploded View



Ref.	Part No.	Description	Ref.	Part No.	Description
1	541-316	Side Panel	19	541-369	Insulation
2	541-389S	Main P. C. Board Kit	20	541-329	Top Cover
3	541-318	P.C. Board Bracket	21	541-324	Header
4	541-317	Right Side Insulation	22	541-650	Trim
5	541-326	Wire Chase	23	541-383	Shelf Bracket
6	541-333S	Display P.C. Board Kit	24	541-488	Chassis, Left
7	89-955	Spacer	25	541-317	Insulation
8	541-353S	Overlay and Bracket Kit	26	541-606	Base
9	86-118	Modular Coupling	27	197-232	Foot
10	541-320	Hold Down Bracket	28	541-323	Bottom Cover
11	78-184S	Power Switch	*	541-479	Black Pan Covers (Not Shown)
12	88-609	Power Inlet	*	PC-COMEXT	Cable, Prince Castle (Not Shown)
13	72-200-25S	Power Cord Kit	*	TBD	Cable, K-Mart (Not Shown)
14	76-724	Screw, Socket, 8-32 x 3/4	*	TBD	Cable, Target (Not Shown)
15	541-359S	Lower Heater Assy (230 Volt)	*	TBD	Cable, Wal-Mart (Not Shown)
16	541-376S	Upper Heater Assy (230 Volt)	*	940-0504	Cable, Radio Shack (Not Shown)
17	541-489	Chassis, Right		279-423	
18	541-129	Side Cover Bracket			



NOTES