

**ATTENTION:** Read the instructions before using the machine.

### LIMITED WARRANTY

This product is warranted to be free from defects in material and/or workmanship for a period of one (1) year from date of original installation (with the exception of pans, lids, and covers). 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 or labor.

This warranty is subject to the following exceptions/conditions:

- Use of any non-genuine Prince Castle parts voids this warranty.
- All labor shall be performed during regular work hours. Overtime premium will be charged to the buyer.
- 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.

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## Model Identification

**MHB 100 HM1 – NA**

“Modular Holding Bin”

100 Series

**Component Name**

HM1 : Holding Module (100-120VAC)  
HM2 : Holding Module (208-240 VAC)  
MB: Main base

**Country Code**

(North America)

## Specifications

Model	Voltage (V)	Watts (W)	Hertz (Hz)
<b>MHB100HM1</b>	100-120 VAC	180 (Each Unit)	50/60
<b>MHB100HM2</b>	208-240 VAC	180 (Each Unit)	50/60
<b>MHB100MB-NA</b>	120		50/60

## 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.



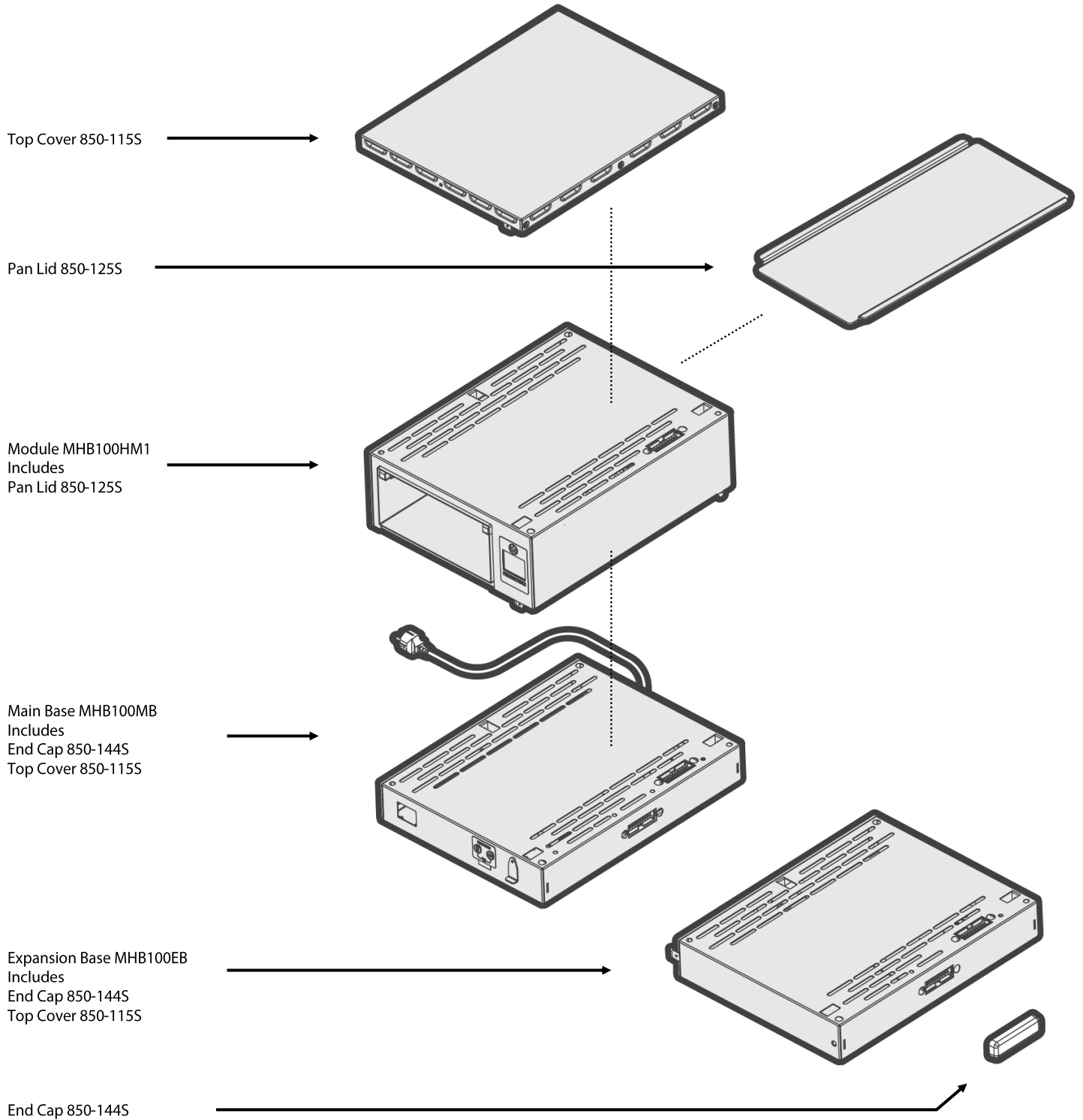
### CAUTION

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

## Important

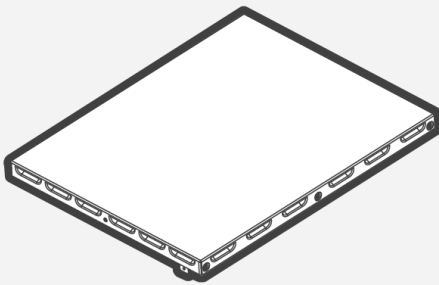
Prince Castle reserves the right to change specifications and product design without notice. Such revisions do not entitle the buyer to corresponding changes, improvements, additions or replacements for previously purchased equipment.

**Configuration**

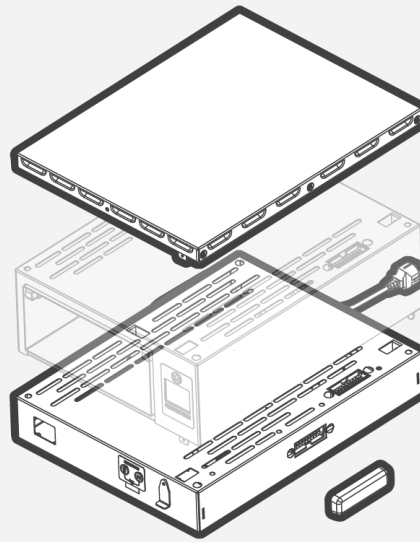


## Parts Ordering

### Top Cover 850-115S



### Main Base MHB100MB

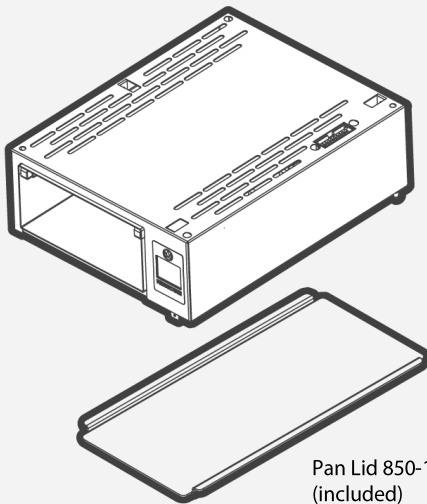


Top Cover 850-115S  
(included)

Module MHB100HM1  
(Not Included)

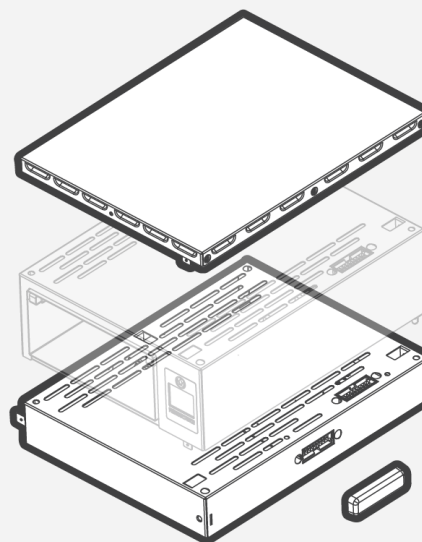
End Cap 850-144S  
(included)

### Module MHB100HM1



Pan Lid 850-125S  
(included)

### Main Base MHB100MB



Top Cover 850-115S  
(included)

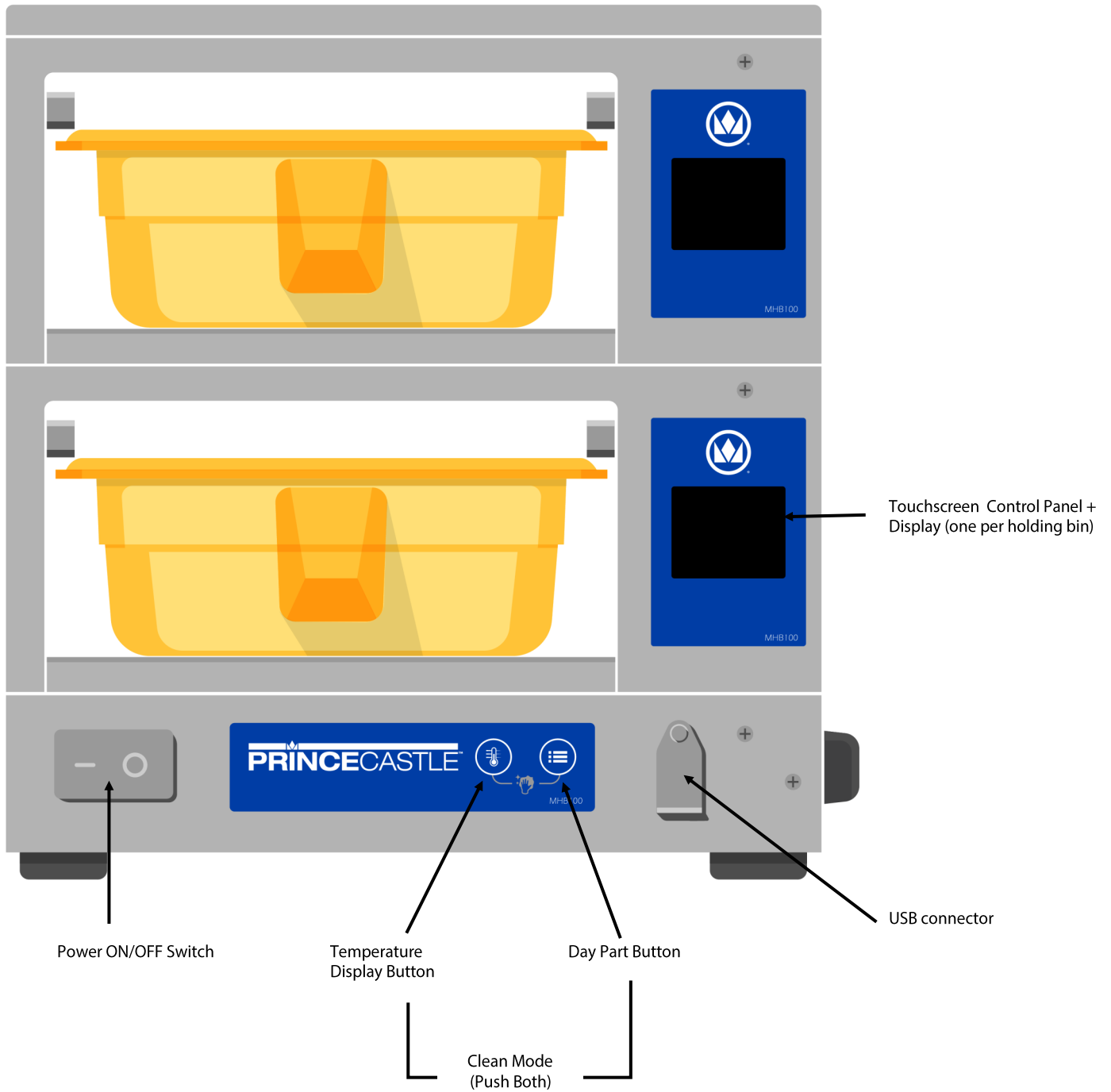
Module MHB100HM1  
(Not Included)

End Cap 850-144S  
(included)

### End Cap 850-144S



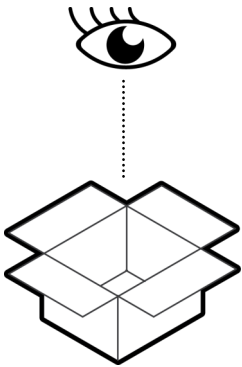
**Product Identification**



## Installation : Before Assembly

1

Remove the unit from the carton and inspect for signs of damage.

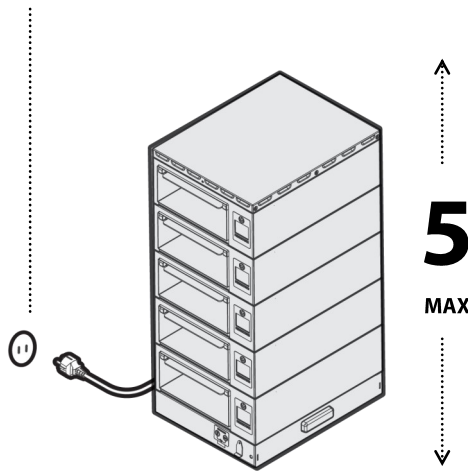


### If unit is damaged:

- 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 800-722-7853 or 1-630-462-8800 to arrange for a replacement unit.

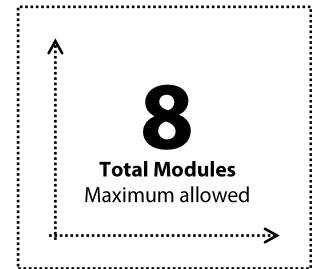
2

Always unplug units before assembly or disassembly



3

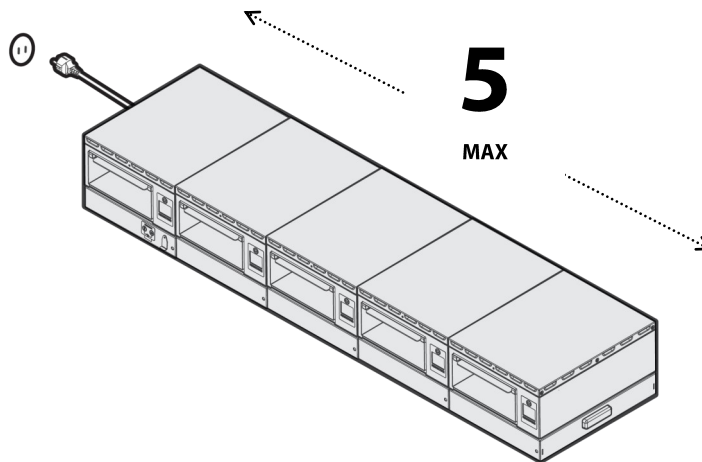
Always assemble columns first, then assemble rows



Assemble columns from right to left

Do not put assemble more than 5 columns of modules horizontally or vertically

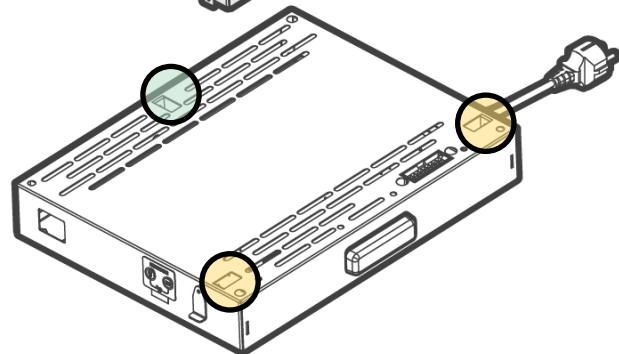
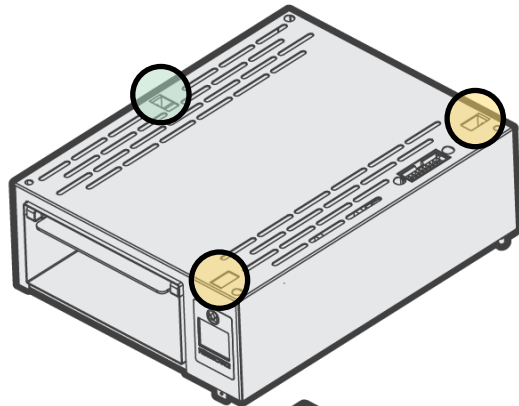
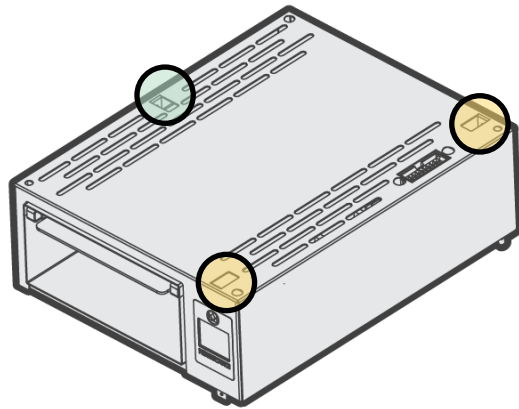
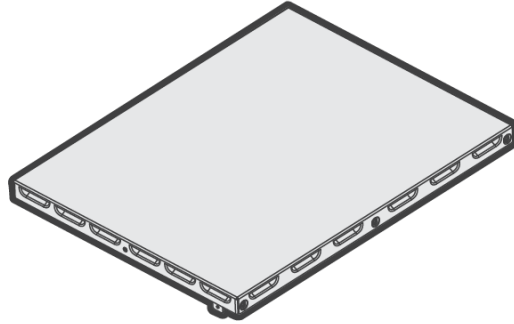
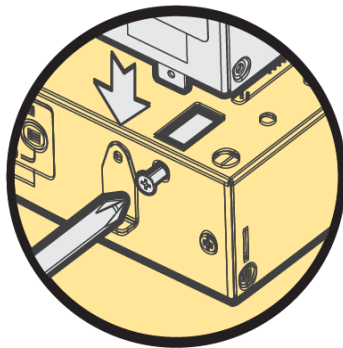
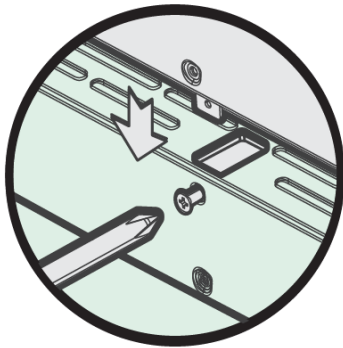
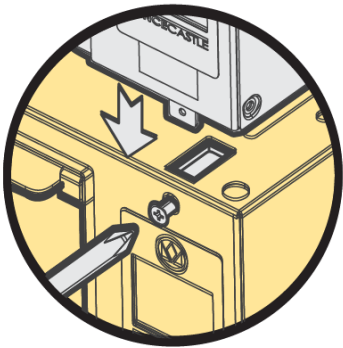
Do not assemble more than 8 total modules in one installation



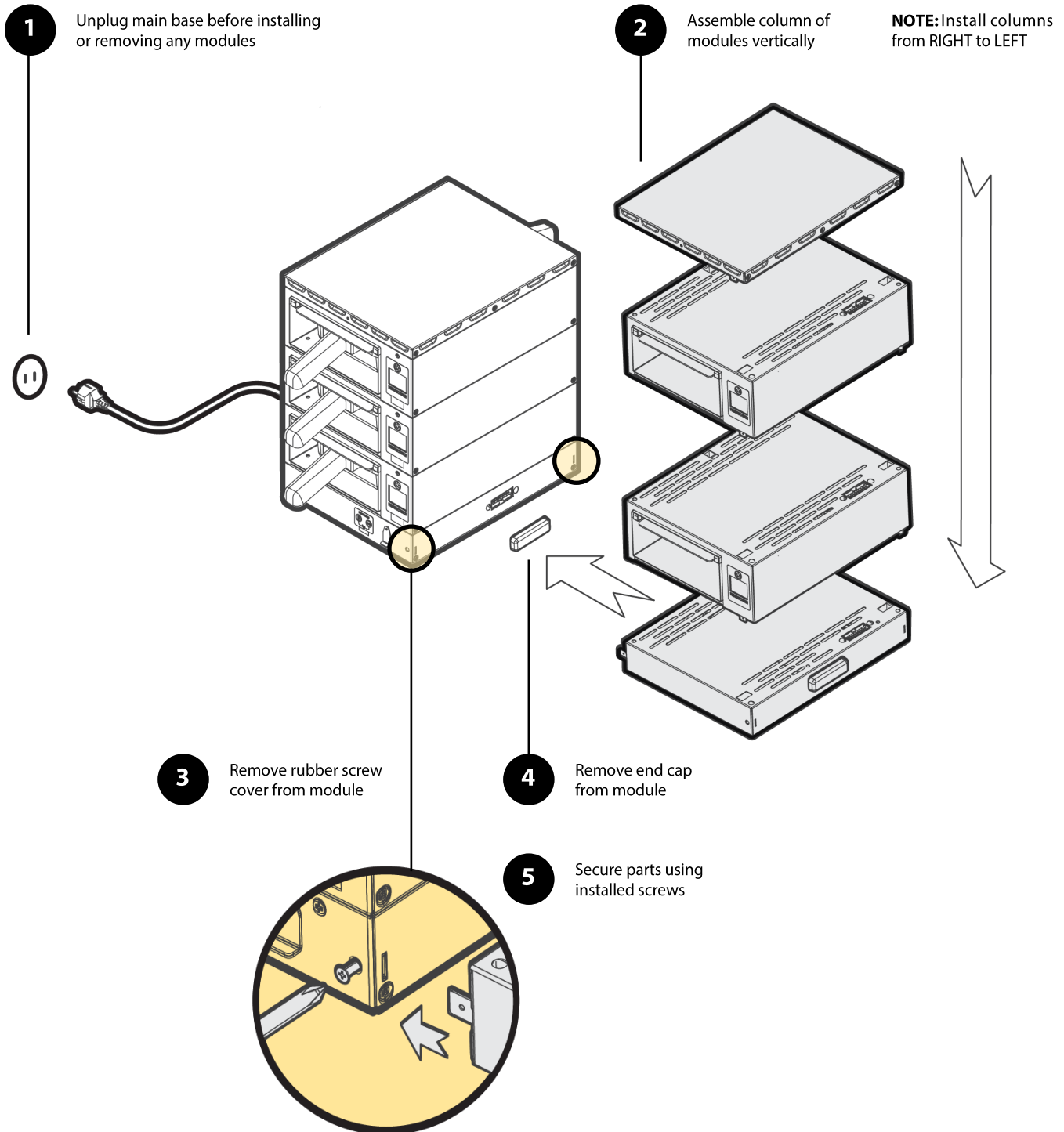
**Installation : Adding Modules Vertically**

1

Secure parts using installed screws

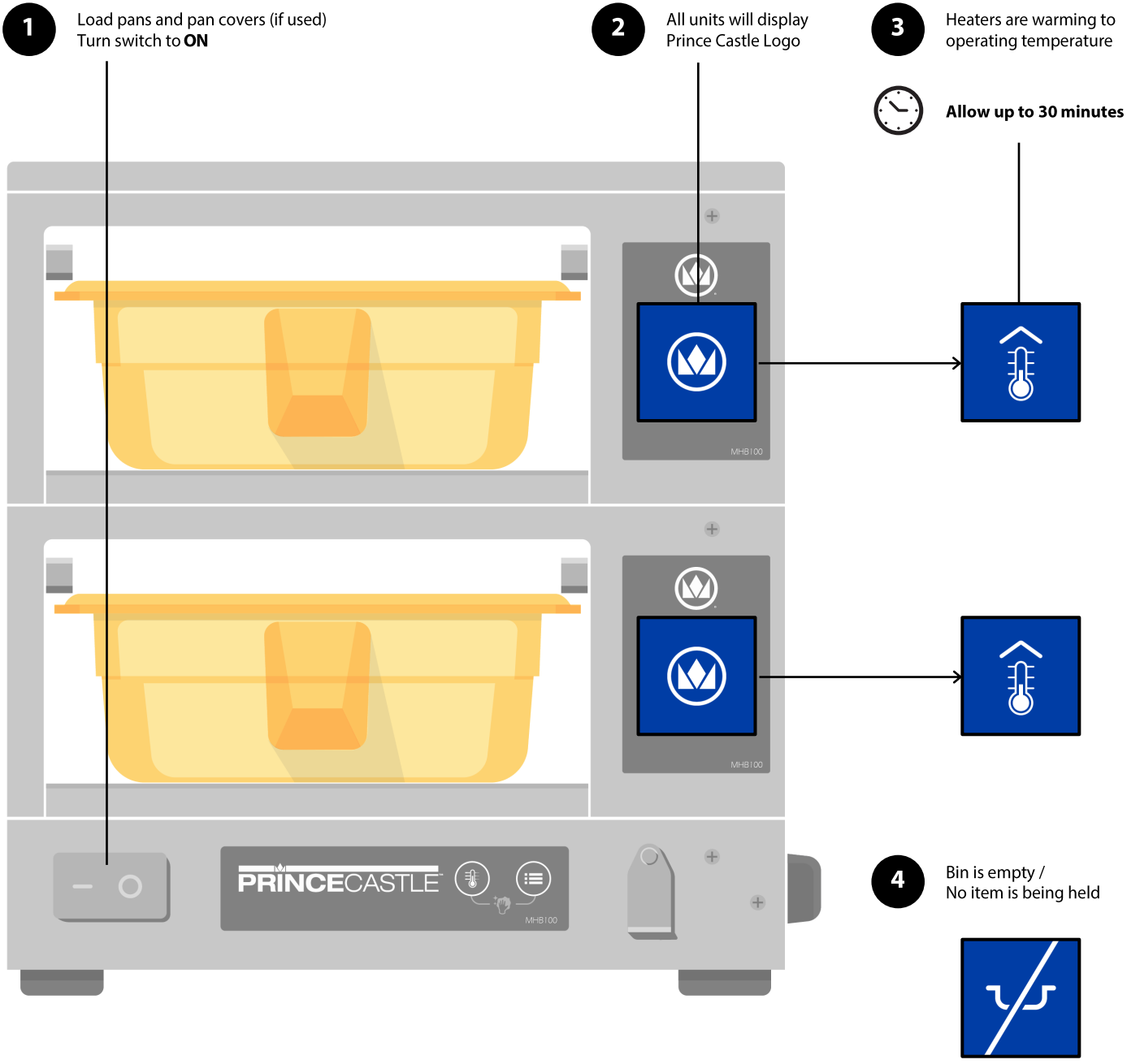


## Installation : Adding Modules Horizontally



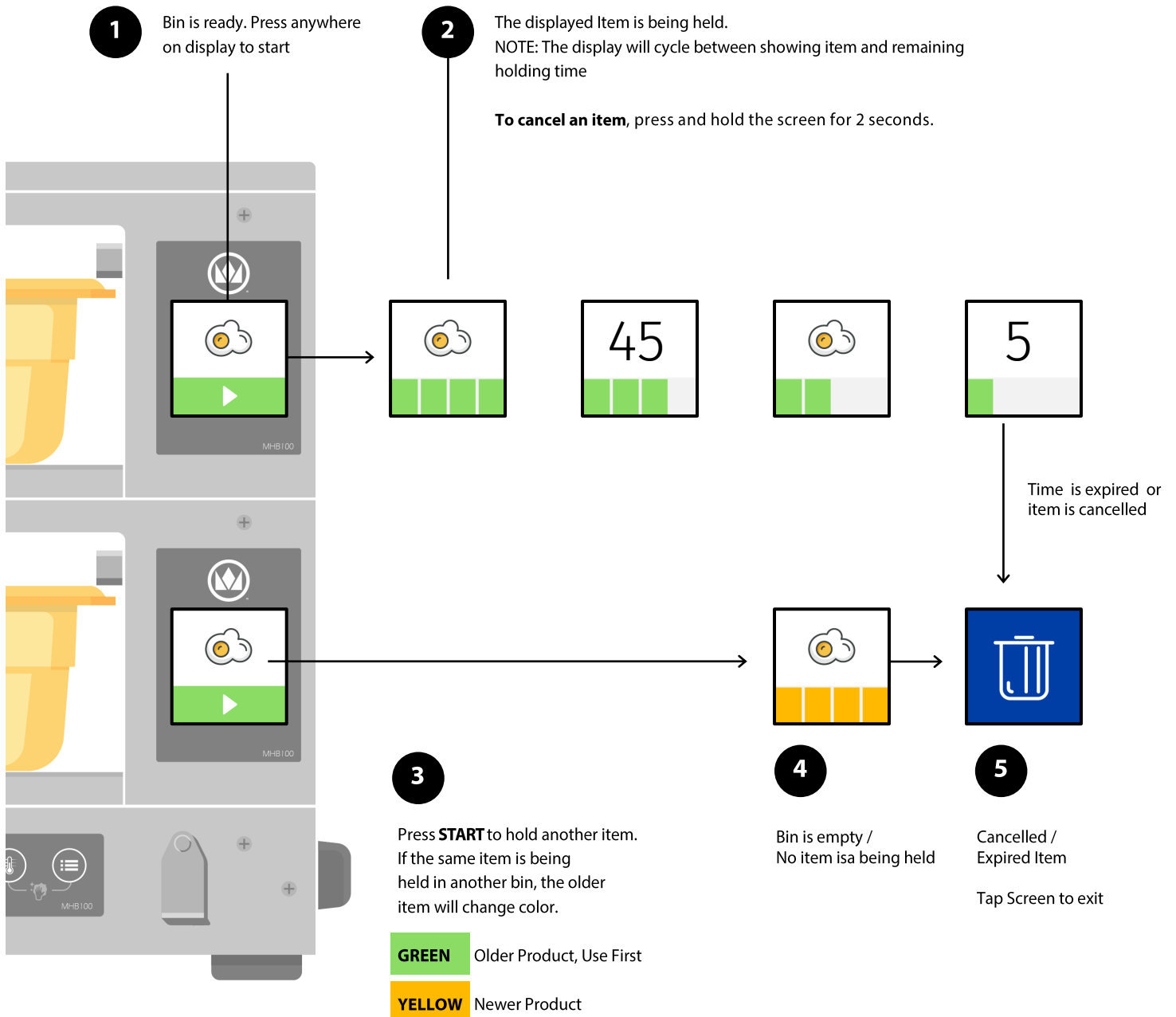


**Operation : Power Up**



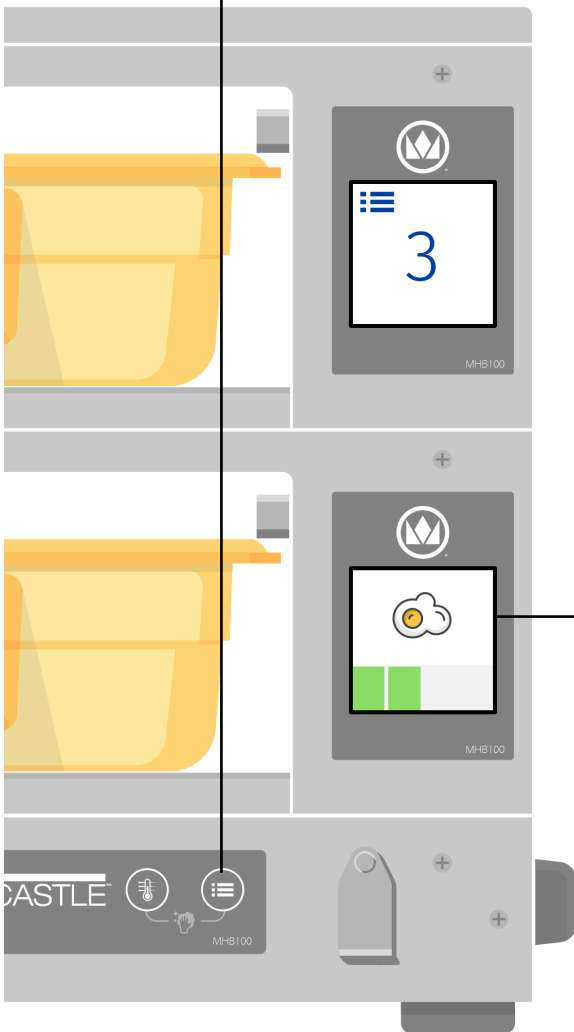
**WARNING**  
 Hot Surfaces

**Operation: Holding and Cancelling Items**



## Operation : Change Day Part

**1** Press **DAYPART** button




**2** The daypart value will update for all machines that are not actively holding items.  
Continue pressing the **DAYPART** button to toggle through day parts  
Stop on desired daypart for 2 seconds to select and set day-

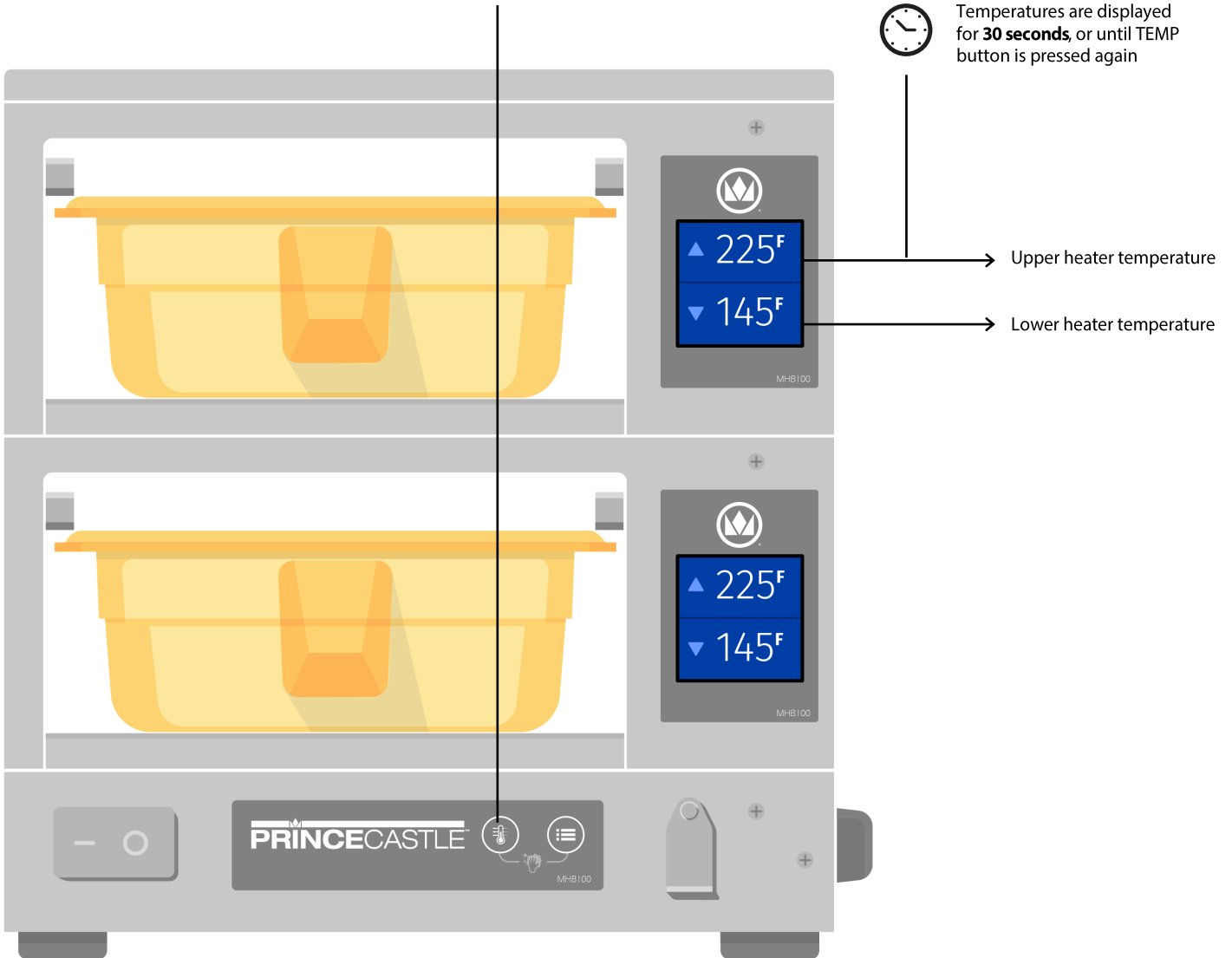
Note: Daypart switch will only display on bins that are not running a timer

**Operation: Display Temperature**

**1** Press **TEMP** button to display temperature. Press again to exit.

**2** Temperature will be displayed on all units

 Temperatures are displayed for **30 seconds**, or until TEMP button is pressed again

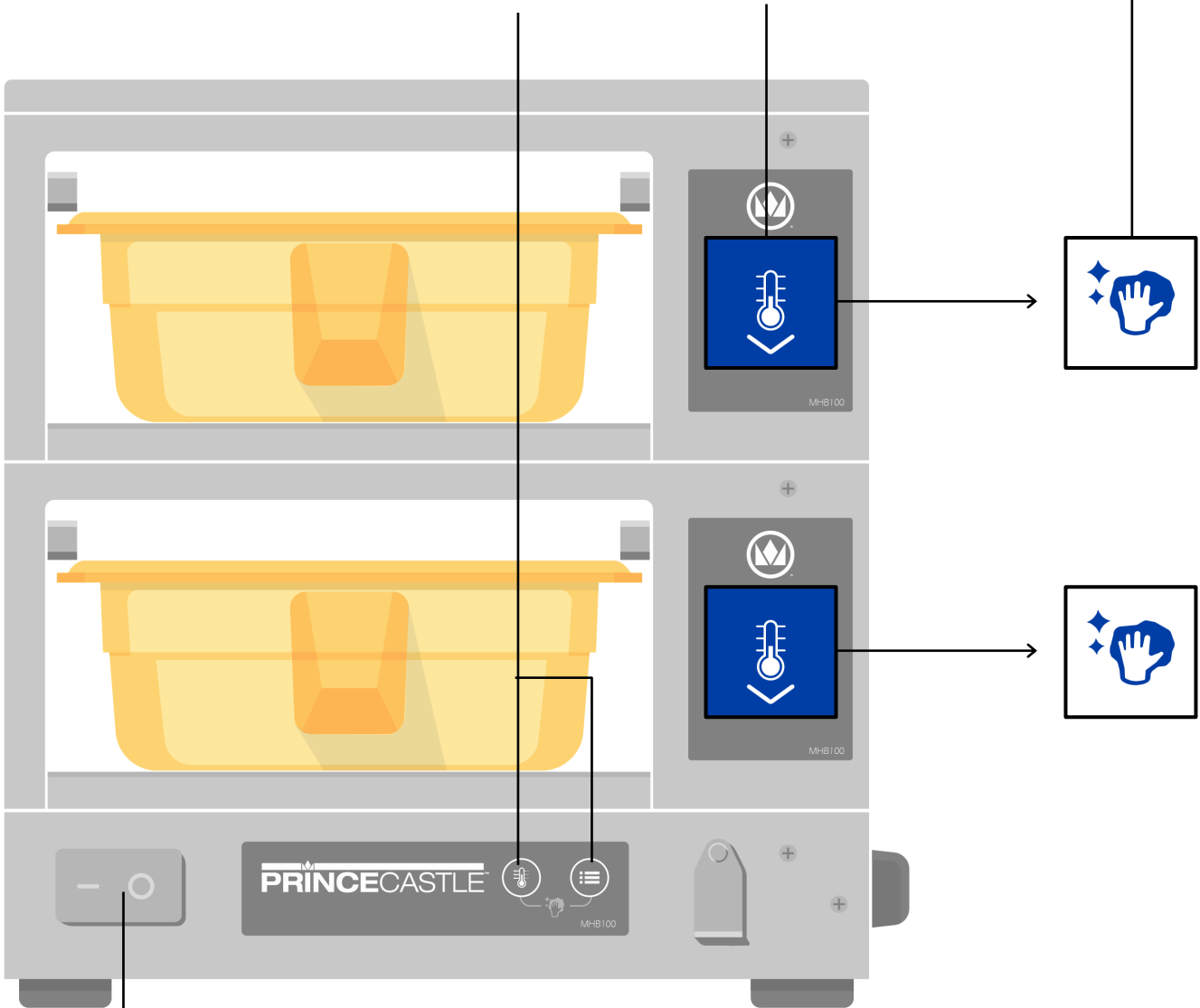


**Operation : Preparing to Clean**

**1** Press **both TEMP and DAYPART** buttons to enter cleaning mode

**2** Units are cooling for cleaning

**3** Units are ready for cleaning



Note: Turn the power switch **OFF** then **ON** to exit clean mode

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

## Cleaning



**WARNING**

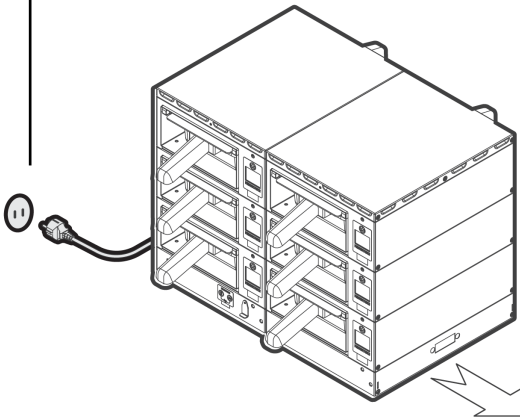
This unit is not watertight. Do not clean with a water jet/jet spray. Do not immerse the unit in water.



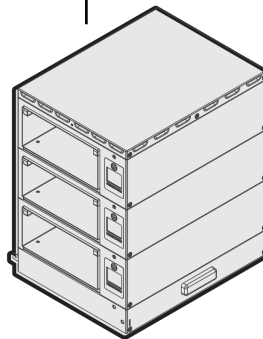
**WARNING**

Before performing any maintenance, turn the power switch to the OFF position and unplug the power

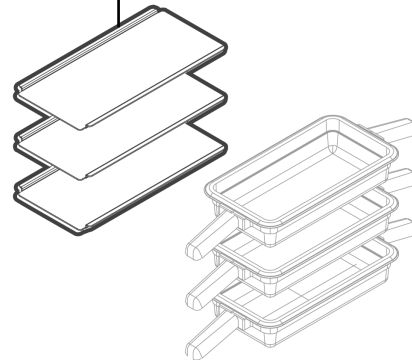
- 1** Turn the unit off and unplug the power cord from the electrical receptacle.



- 2** Separate columns for cleaning.



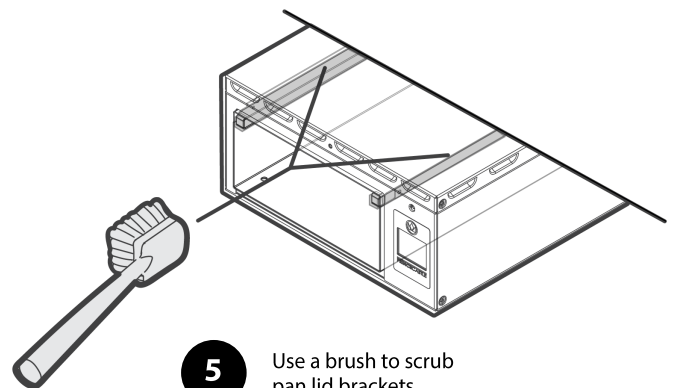
- 3** Remove pans and lids



- 4** Wipe all parts and unit with a damp cloth. **DO NOT use a green Scotch Bright pad cleaner, ice or water.**



- 5** Use a brush to scrub pan lid brackets.



**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
<b>No Power</b>	Power switch is turned off, Power cord is not plugged in. Cover or endcap is missing or not connected.	Turn power switch to ON position, Ensure power cord is connected to proper receptacle Tighten 3 screws on module and cover, ensure endcap is in place at end of last base on the right
<b>Some units will not heat / power on</b>	Units are not securely connected	Tighten 3 screws on module and cover, ensure endcap is in place at end of last base on the right. Check and tighten screws holding bases together, and ensure expansion bases are powering on properly.
<b>Unit will not heat up</b>	Wrong power cord, loose connection on power switch and/or heater	<b>CALL TECH SUPPORT 1-800-722-7853</b>
<b>Unit heats up but display does not work</b>	Timer bar wiring disconnected, module unit is defective	<b>CALL TECH SUPPORT 1-800-722-7853</b>
<b>Unit under/over heats</b>	Check temperature settings	<b>CALL TECH SUPPORT 1-800-722-7853</b>

CODE	PROBLEM	DESCRIPTION
<b>E01</b>	Upper Sensor Error	<b>Upper Sensor Shorted or Open—Both heaters will shut off</b>
<b>E02</b>	Lower Sensor Error	<b>Upper Sensor Shorted or Open—Both heaters will shut off</b>
<b>E03</b>	Upper Heater Error	<b>Heater open / heating relay shorted closed</b>
<b>E04</b>	Lower Heater Error	<b>Heater open / heating relay shorted closed</b>
<b>E05</b>	Recovery Error	Set point temp not reached in time
<b>E06</b>	Non-volatile Memory Error	Memory corruption in main base
<b>E07</b>	Configuration Error	Unable to set configuration upon power up
<b>E08</b>	USB File Upload Error	Unable to load file from USB due to file corruption
<b>E09</b>	Reserved	
<b>E10</b>	Reserved	
<b>E11</b>	Reserved	
<b>E12</b>	Reserved	
<b>E13</b>	Reserved	
<b>E14</b>	Reserved	
<b>E15</b>	Reserved	

For all technical support in North America, please contact  
**PRINCE CASTLE LLC**  
**1-800-722-7853**

For technical support worldwide, contact your local service representative / installer.