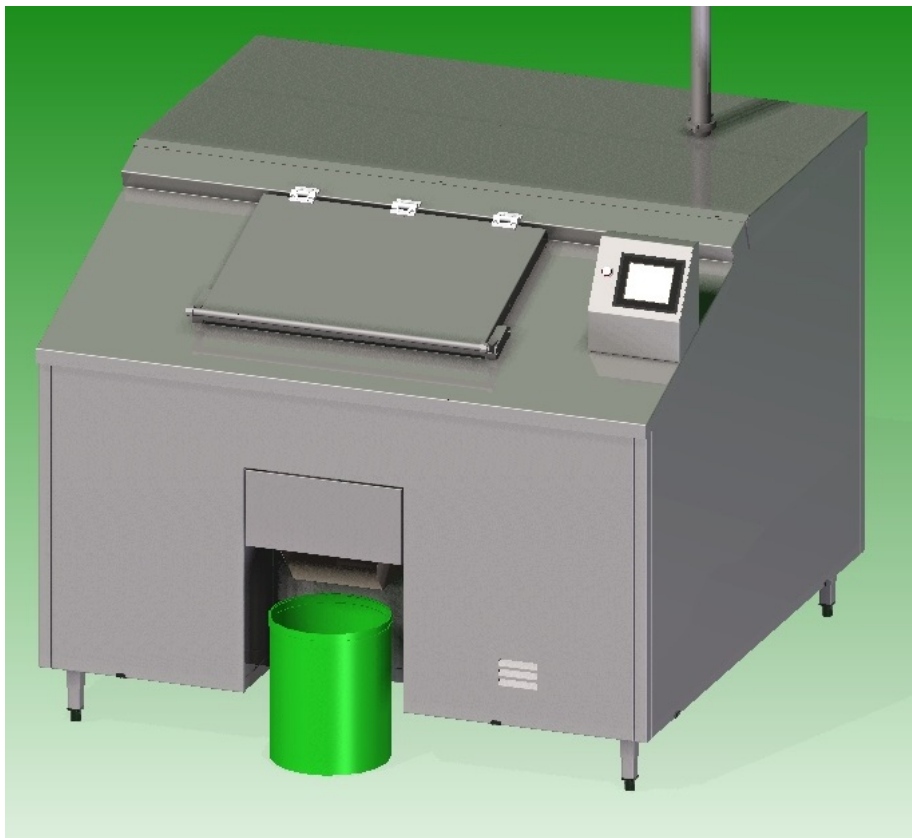


## **Compost Accelerator Installation, Use and Care Manual**

Please read this manual completely before attempting to install or operate this equipment!

Notify carrier of damage. Inspect all components immediately.

### **Compost Accelerator CA Vented**



**⚠ CAUTION**

**IMPORTANT INFORMATION  
READ BEFORE USE  
PLEASE SAVE THESE INSTRUCTIONS**

**Foodservice Sustainability Solutions, Inc.**

1035 Cobb Industrial Dr.

Marietta, GA 30066

[www.fs-sustainability.com](http://www.fs-sustainability.com)

## **Welcome**

**Thank you for your purchase of Foodservice Sustainability Solution's Compost Accelerator. The benefits you will enjoy from this new technology include reducing your food waste thus ensuring a brighter future for our planet.**

Compost Accelerator CA-Series provides on-site reduction of food waste volume up to 90% - creating an organic nitrogen rich biomass that can be used as a soil amender in gardens, urban farms nurseries or as a nitrogen rich feed stock for compost programs.

**Operation:** The ergonomics of the Compost Accelerator make loading safe and easy for to 125 to 1100 pounds of food waste. The CA-Series is designed to unload into a 5 gallon container reducing strain on the operator.

**Benefits:** Enjoy immediate and substantial savings on waste collection fees, significantly reduce landfill volumes, and fewer carbon emissions from reduced waste hauling.

**Safety Features:** Machine operation is restricted to password controlled touch screen. All access doors are mechanically locked . Proximity switches prevent operation when the top door is open.

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Offering Innovative Solutions for a  
*Zero Waste Environment*  
Proudly made in the USA



## **WARNING!**

Read this manual completely before operating, installing, or performing maintenance on the equipment.



## **CAUTION!**

Live electrical components. Disconnect power to unit before removing any access panels or servicing.



## **IMPORTANT WARNING AND SAFETY INFORMATION**

**FAILURE TO FOLLOW INSTRUCTIONS IN THIS MANUAL CAN  
CAUSE PROPERTY DAMAGE, INJURY OR DEATH.**

- THE VENTED COMPOST ACCELERATOR IS TO BE OPERATED INDOORS ONLY.
- DO NOT STORE OR USE GASOLINE OR OTHER FLAMMABLE VAPORS OR LIQUIDS IN THE VICINITY OF THE COMPOST ACCELERATOR.
- DO NOT OPERATE THE COMPOST ACCELERATOR WITH THE OUTER PANELS REMOVED—EXPOSING THE MOTOR AND ELECTRICAL COMPONENTS
- ALLOW UNIT TO COOL DOWN BEFORE ATTEMPTING TO OPEN OR SERVICE.

### **OBSERVE THE FOLLOWING:**

- Minimum clearance of 6" must be maintained on all sides with clear access to front doors.
- Keep unit area clear of combustible material.
- Operate unit only at the voltage indicated on the specification plate
- Unplug the unit before making any repairs
- Retain this manual for future reference



## **CAUTION—HOT SURFACES!**

Unit produces high temperatures.  
**DO NOT TOUCH UNIT WHEN OPERATIONAL.**



## **RECEIVING AND INSPECTING THE COMPOST ACCELERATOR CA-SERIES**

The CA-Series is typically shipped crated and care should be taken during unloading so the unit is not damaged while being moved into place.

1. Visually inspect the exterior of the package, skid or container. Any damage should be noted and reported to the delivering carrier immediately.
2. If damaged, open and inspect the unit with the carrier.
3. In the event that the exterior is not damaged, yet upon opening, there is concealed damage to the unit notify the carrier. Notification should be made verbally as well as in written form.
4. Request an inspection of the concealed damage. This should be done within 10 days from receipt of the unit.
5. Check the lower portion of the unit to be sure casters or legs are not bent or damaged.
6. Freight carriers can supply the necessary "damaged goods" forms upon request.
7. Retain all crating material until an inspection has been made.

## **UNCRATING THE UNIT**

First cut and remove the banding/shrink wrap from around the crate. Remove the front of the crate material. Some tools are required. If the unit is on casters, it can be rolled off the skid. Use caution when moving. If the unit is on legs, remove the top of the crate as well and lift the unit off the skid. Do not slide or push the unit if it has feet. The feet are attached to weight sensors and are easily damaged

## **SERIAL NUMBER LOCATION**

The serial number is on the identification plate that also included the model number and is located on front the control panel near the top.

Always have the serial number of your unit available when calling for service or parts. A list of authorized service agencies or parts outlets are listed at the end of this manual.

## **INSTALLATION**

### **Location**

Compost Accelerator is intended for indoor use only. Be sure the location has a foundation strong enough to support the total weight of the unit. Ensure the foundation is level and allow for a minimum of 6" on each side with clearance to access the front doors. The location should be selected so that the power cord can be connected to a properly sized outlet without any extension cords.

### **Stabilizing**

It is important that all the casters or legs are adjusted to keep the unit level and so that the unit will not rock. It is recommended that a restraining cable or chain is used to prevent the unit from moving from the location.

### **Electrical Connection**

Refer to the amperage data list on the specification sheet or identification plate. A protected dedicated circuit of the correct voltage and amperage must be run for connection of the supply cord or permanent connection of the unit. The power must be turned off and disconnected whenever performing maintenance or repair. Permanently connected units must be connected in accordance with NEC Article 422 Appliances Disconnecting Means. It is the responsibility of the end user to provide the disconnect means to satisfy the authority having jurisdiction.

The power cord connected to this unit must be installed by licensed electrician. Ensuring a proper ground connection is vital, which must be used to prevent a shock hazard.

Have the wall outlet or disconnect checked by a qualified electrician to be sure a proper ground is present and that the circuit provides the correct voltage and amperage to match the rating plate.

Any power cord that is frayed or damaged should be replaced. When disconnecting the unit from the power source, do not pull on the cord. Firmly grip the plug and remove from outlet.

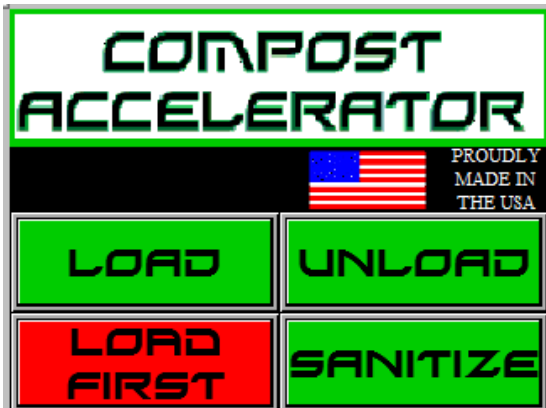
## **\*IMPORTANT\***

**Before running the machine, verify the motor is rotating in the correct direction. This is part of the initial installation and should be preformed by qualified personnel only. Remove right cover—keep hands and clothing clear of gear and chain. Select the 'Load' option on the touch screen then select the 'Pre-Mix' option. Observe the direction of the motor/gear. If the motor is not running counter-clockwise, two phases of power need to be swapped.**

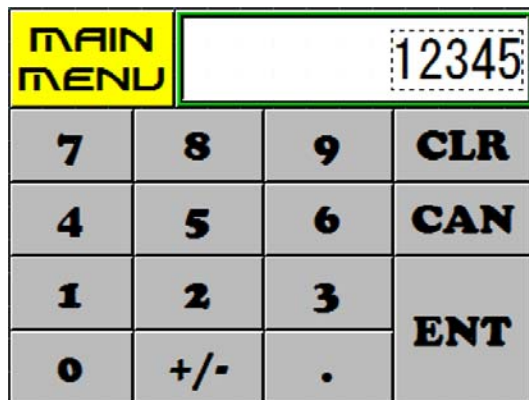
## **OPERATING INSTRUCTIONS: (Operate only by trained personnel)**

Load Compost Accelerator with **Food Waste Only**. Be careful to not load cans, plastic, cutlery and plates. While these should not hurt the unit, they can lead to longer process time and require clean out. Limit the amount of grease loaded into the unit. Grease will not process in the unit and will require the unit to need manual cleaning. Do not over fill the unit. Limit the amount of food waste to the rated weight as specified per unit (CA-250 limit to 250lbs). If the weight is unknown, fill the unit to right above the shaft inside the tank.

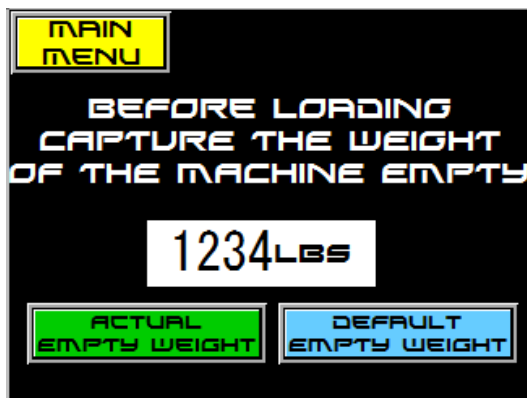
1. Insure the Compost Accelerator is wired to the proper dedicated circuit.
2. The CA-Series Home Screen will appear as shown below. \*Do Not load the machine until prompted on screen!\* Select Load.



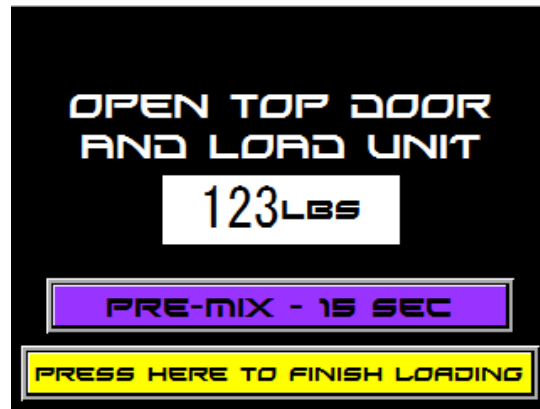
3. Enter password—2244 then press ENT. Press CLR if the wrong password was entered or Main Menu To return to previous Screen



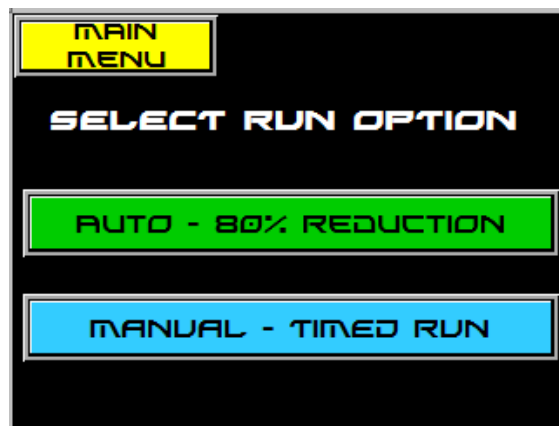
4. Load Screen 1 — Before Loading anything into the machine, the initial weight of the machine needs to be recorded. The weight of the machine should be listed in the white box. To record this weight press the green 'Actual Empty Weight' Button. If for any reason the machine has been already loaded, select the blue 'Default Empty Weight' Button. Selecting the blue button will result in a less accurate load weight and should only be used if absolutely necessary.



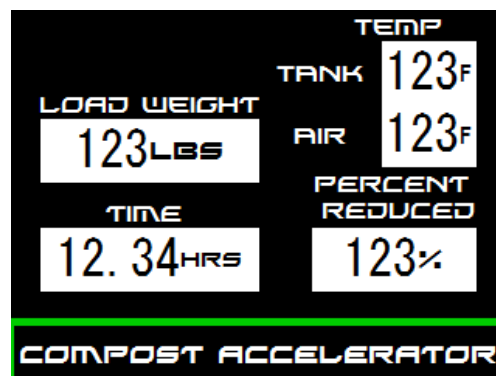
5. Load Screen 2— Now load the machine with the food waste. The screen will display the weight of the food waste that is loaded. If the food is not evenly distributed or more space needs to be create, press the 'Pre-Mix' button. The top door must be closed before it will mix. When the machine is loaded press "Press Here to Finish Loading" Note: You cannot press the finish button while the machine is pre-mixing.



6. Run Screen 1 —After loading, you will return to the home screen. Now the 'Run' button will appear. Press the 'Run' button and Enter the Password again. The Run Screen will appear with two options. Press 'Auto' for an automated 80% reduction process or 'Manual' for a specific timed process.



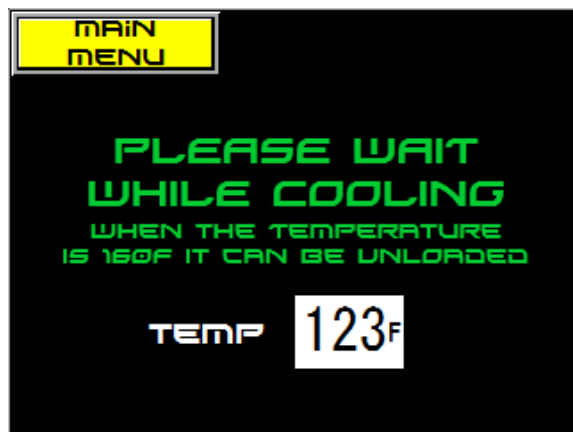
7. Run Screen Auto—If 'Auto' is selected the CA-Series will run until the food waste weight is reduced by 80% . The temperatures and time elapsed can be located on this screen. To stop any time press the Red Stop Button located just left of the touch screen. The top door is to remained closed during the run cycle. Opening the door will stop the run cycle. Continue to step 9.



8. Run Screen Manual— On this screen, the user must enter the desired time in hours for the machine to run. By pressing the white box on the screen, a pop up numerical pad will appear. Here the user enters the time in hours. Only numbers from 1 to 18 will be accepted. Press ENT after the time has been entered. The time entered should now appear in the white box. Press 'Press Here To Start' to begin running. The screen will now go to step 7.



9. Run Screen 3— Once the run cycle has completed, the screen will automatically appear as shown below. The motor and fans will continue to run until the machine has reached a safe temperature to unload. The temperature will appear on screen in the white box. If necessary, you can return to the main menu at any time.



10. Run Screen 4— When the reduced food waste has reached a safe temperature the screen will automatically changed to show the completed weight of the load. Press 'Main Menu' to complete the Run Cycle and Return to the main menu to begin unloading

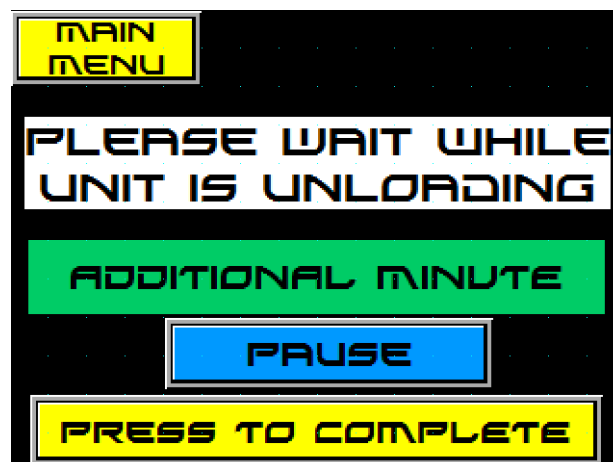




12. Unload Screen 1— Press the 'Unload' button from the main menu and enter the password. Have a 5 gallon container in place before continuing. Press the unload button. The bottom door will now open and the CA-Series will automatically begin unloading,



13. Unload Screen 2—The motor will stop after one minute , if there is still material in the tank press the 'Additional Minute' button to continue unloading. If the 5 gallon container is full or you need to pause it, press the 'Pause' button. To continue press the now red 'Un-Pause' button. When the tank is empty simply press the 'Press to Complete' button.




14. Unload Screen 3—The CA-Series will now automatically close the bottom door and will be ready for the next load.



15. Sanitize Cycle— Press the ‘Press Here to Sanitize’ and it will run for 20 minutes. To Stop at any time press the red stop button to the left of the touch screen.






**WARNING!**

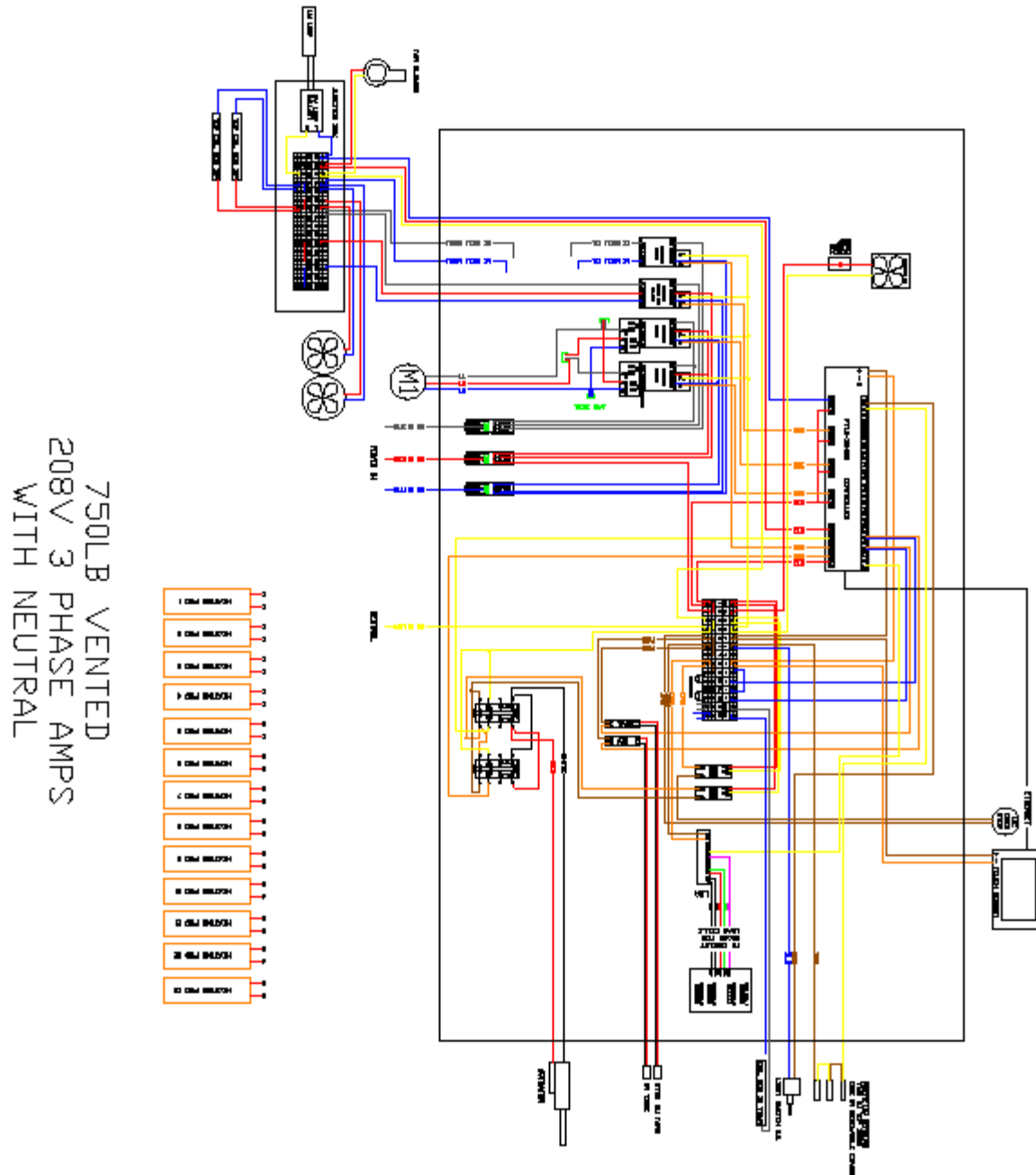
**TANK MUST BE EMPTIED AFTER EVERY CYCLE!!**

FAILURE TO EMPTY THE TANK COULD RESULT IN IMPROPER  
OPERATION OR DAMAGE TO UNIT



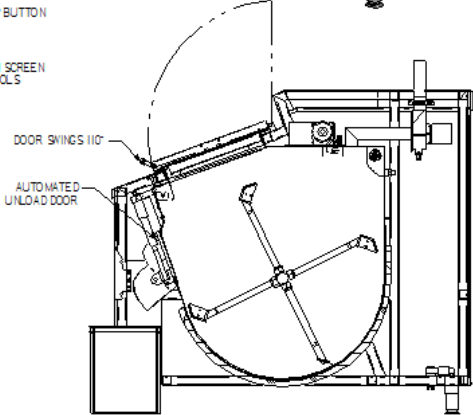
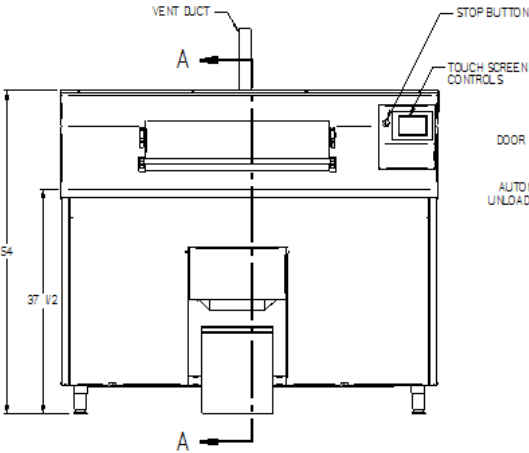
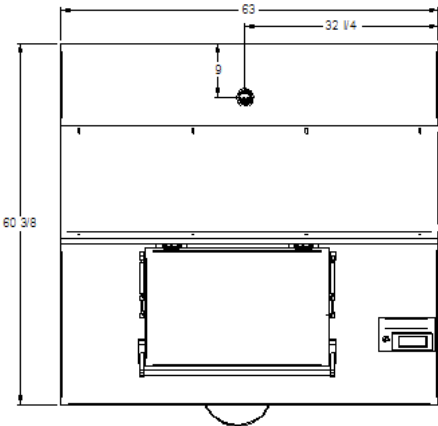
## WIRING DIAGRAM

## WIRING DIAGRAM

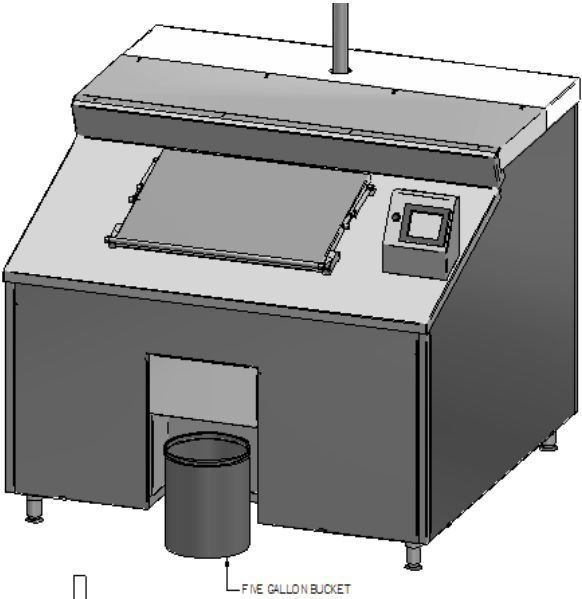


**COMPOST  
ACCELERATOR**

**SPECIFICATION SHEET**



SECTION A-A



# ~ ONE YEAR LIMITED WARRANTY ~

## PARTS AND LABOR WARRANTY AGREEMENT

This warranty agreement applies to Commercial Equipment, Equipment Service Parts, and Safety Parts (collectively, "Compost Accelerator" and/or "Products") manufactured by FoodService Sustainability Solutions ("FSS"), LLC and its corporate predecessors and is extended to any purchaser, lessee or successor purchaser ("Purchaser").

### NEW EQUIPMENT

Any part of a new appliance, except gaskets, lamps, and power cords, which proves to be defective in material or workmanship within one (1) year from the date of delivery to original end-user purchaser or 18 months from the date of manufacture, whichever comes first, will be repaired or replaced (at FSS option) free of charge.

The improper use of the Compost Accelerator will void product warranty. See Use and Care Manual for operation and maintenance information.

PROPER INSTALLATION IS THE RESPONSIBILITY OF THE PURCHASER, AND IS NOT COVERED BY THIS WARRANTY. PRODUCTS MUST NOT BE INSTALLED IN LOCATIONS EXPOSING THEM TO EXCESSIVE HEAT SOURCES, AMBIENT TEMPERATURES ABOVE 100° F. UNIT MUST BE OPERATED OUTDOORS AWAY FROM BUILDING VENTILATION INTAKES AND FLAMABLE PRODUCTS.

As a condition to the application of this warranty, Purchaser will operate, clean and maintain Products in accordance with use and care instructions, warnings, manuals and any other notices and/or instructions from FSS which may be with or on Products or sent separately; will require all personnel operating the Compost Accelerator to become thoroughly familiar with use and care instructions and all other notices and/or instructions before such personnel operate the Compost Accelerator; will thoroughly train all personnel operating the Compost Accelerator to follow all instructions contained on or in all Safety Labels and use and care instructions; will immediately affix Safety Labels and put into use the use and care instructions; will immediately use, according to instructions, Safety Parts supplied by FSS; will install Equipment Service Parts in accordance with FSS's written instructions; will utilize only FSS manufactured replacement parts and make no changes or alterations to the Compost Accelerator, except as approved or instructed in writing by FSS; and will when requested by FSS, cooperate with FSS in the prevention of injuries from Purchaser's use of the Compost Accelerator.

PURCHASER'S SOLE AND EXCLUSIVE REMEDY AGAINST STYROSMART SHALL BE FOR THE REPAIR OR REPLACEMENT OF DEFECTIVE PARTS AS PROVIDED HEREIN. THE TOTAL LIABILITY OF FOODSERVICE SUSTAINABILITY SOLUTIONS WITH RESPECT TO ITS PRODUCTS, WHETHER UNDER WARRANTY OR OTHERWISE, SHALL NOT EXCEED THE PURCHASE PRICE OF THE PRODUCTS AND THE LABOR AND TRAVEL TO REPLACE THE PRODUCTS OR ANY PART THEREOF. FSS SHALL NOT BE LIABLE TO THE PURCHASER OR OTHERS FOR ANY DIRECT, INDIRECT, SPECIAL, INCIDENTAL OR CONSEQUENTIAL DAMAGES OR LOSS OF PROFITS RESULTING FROM ANY CAUSE WHATSOEVER, INCLUDING BUT NOT LIMITED TO, DEFECTIVE WORKMANSHIP, MATERIALS OR ANY ERROR OR OMISSION OF FOODSERVICE SUSTAINABILITY SOLUTIONS.

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Effective: 10/1/15

**Foodservice Sustainability Solutions, Inc.**

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