



Video Tutorial:  
[Compost Bin Assembly](#)



## 160 Litre Dual Batch Composter

### User Manual

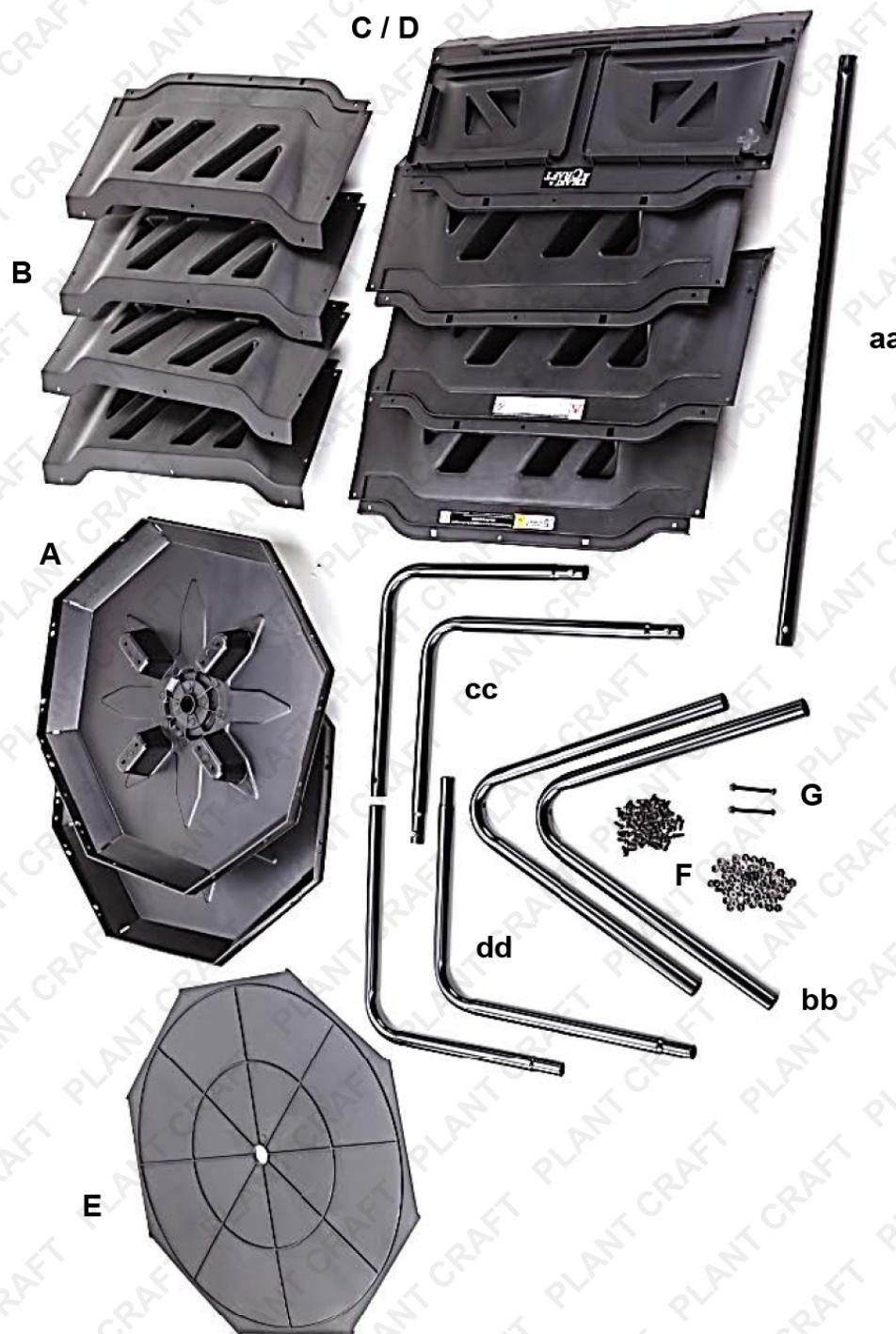
[Revision 1.0 November 2019]

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READ THIS MANUAL CAREFULLY BEFORE USE – FAILURE TO DO SO MAY RESULT IN INJURY, PROPERTY DAMAGE AND MAY VOID WARRANTY. • KEEP THIS MANUAL FOR FUTURE REFERENCE. • Products covered by this manual may vary in appearance, assembly, inclusions, specifications, description and packaging.

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# Parts Identification



No.	Name	No.	Name
A	Drum Side Panel (2)	aa	Central Frame Tube (1)
B	Panel (7)	bb	Side Frame Tube (2)
C	Hatch Panel (1)	cc	Frame Foot (2)
D	Hatch (2 - may be pre-assembled)	dd	Frame Foot (2)
E	Divider (1)		
F	Small Screw / Nut (56)		
G	Large Screw / Nut (2)		

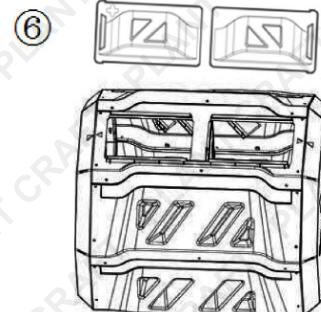
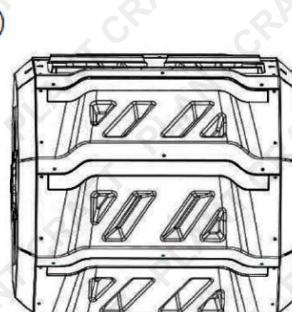
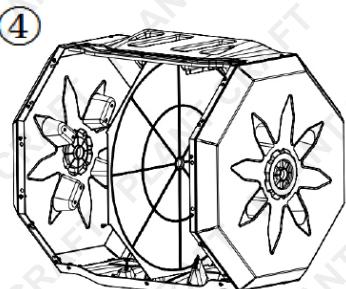
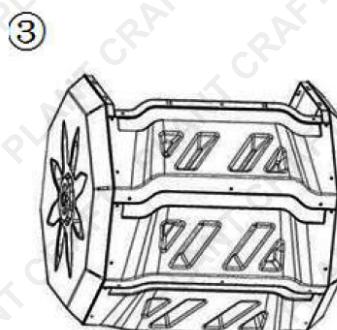
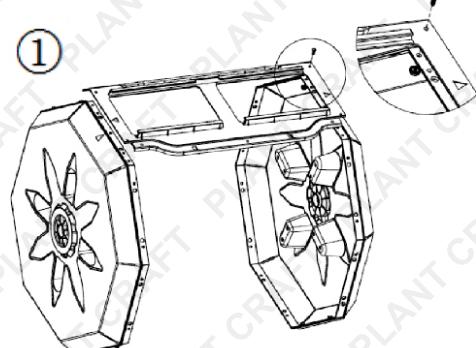
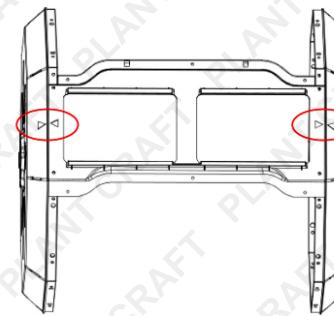
# Assembly

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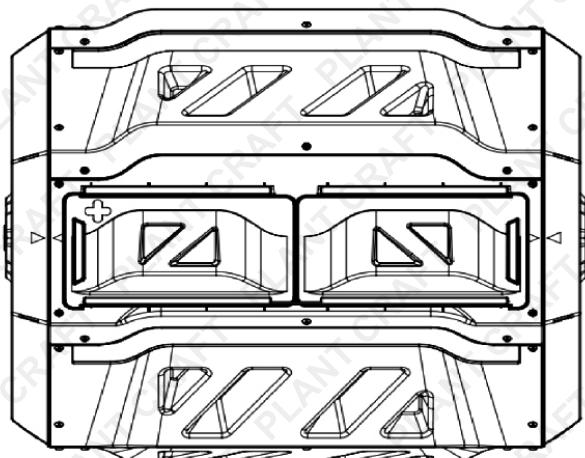
Assemble the unit as follows in accordance with figure 1 to 10.

1. Attach the panel with the hatches to the drum end panels first. Ensure that the arrows on all parts are aligned, then secure them using 4 screws and nuts.
2. Install the next panel to the drum end panels and also to the previously installed panel using 7 screws and nuts.
3. Install the next 2 panels. There should be 4 panels installed.
4. Insert the inner divider into the locating grooves in the centre of the installed panels. Make sure that the divider stays within the grooves in the middle of the panels.
5. Install the remaining panels.
6. If required, slide the hatches into position.
7. When fully assembled, the drum is ready to be attached to the frame.
8. Slide the frame central tube ("aa") through the drum.
9. Assemble frame tubes "bb", "cc" and "dd" together as shown. At each joint there is a spring-loaded pin - press the pin in when joining the tubes. When correctly assembled the pin should pop out through the locating hole in the other tube.
10. Place the central tube / drum assembly into position on top of the frame. Attach the central tube to the frame using the long screws ("G") and nuts.

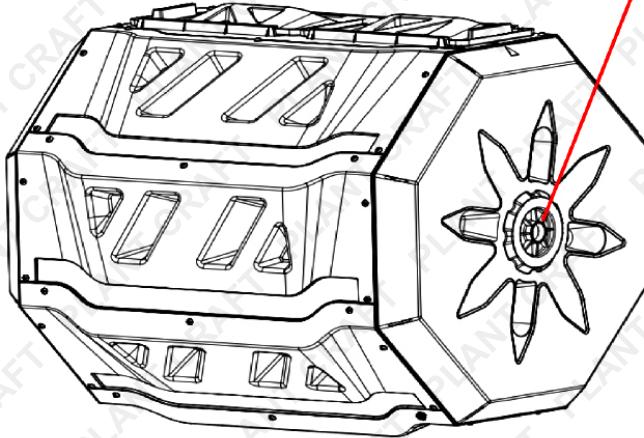
Assembly is complete.



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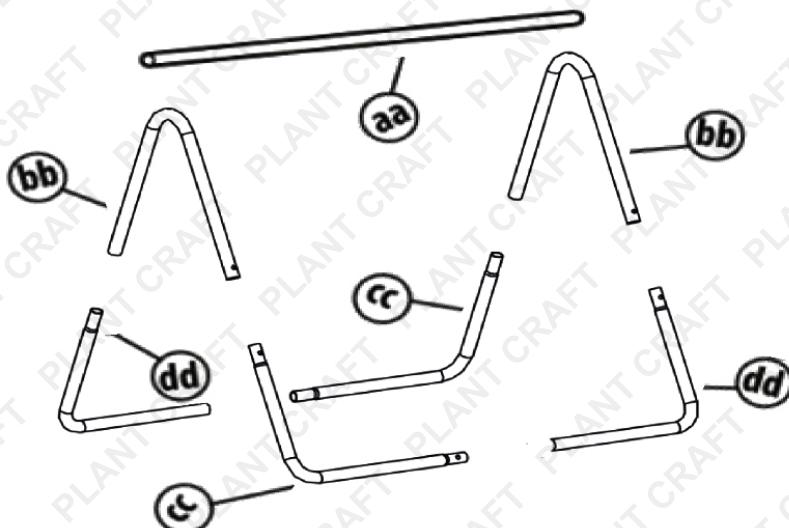


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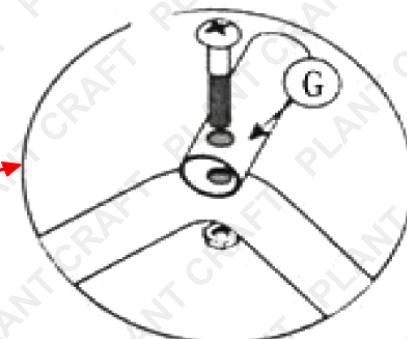
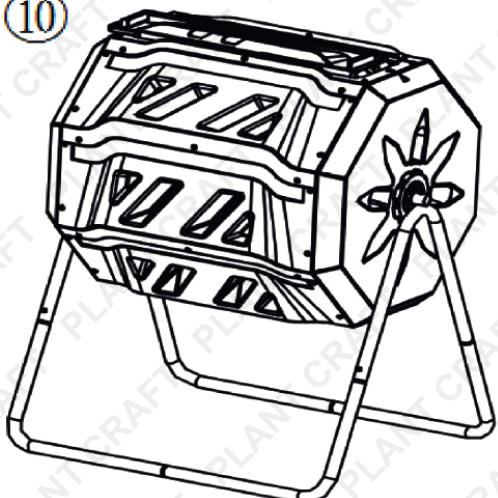


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Stand Assembly:



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## Setting-Up Your Composter

Ensure that the composter is placed on a flat surface and that there is sufficient space around it so the drum to be rotated. If possible, select a location in direct sunlight, to help "cook" the compost.

## What to Compost

The composting process works best by mixing moist greens (nitrogen rich) with dry browns (carbon rich) in approximately equal amounts. Note that actual ratios will vary depending on your personal circumstances.

### Greens:

- Kitchen scraps
- Grass clippings
- Garden & house plants

### Browns:

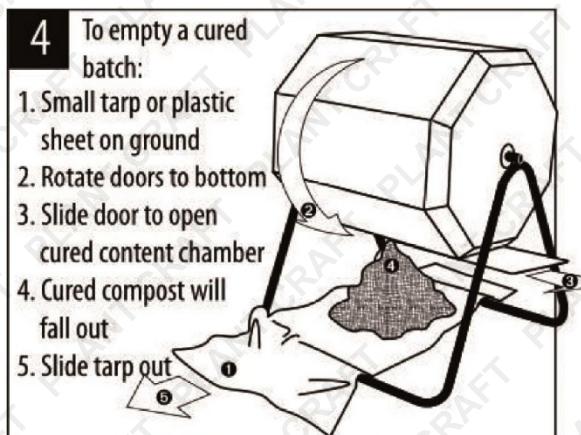
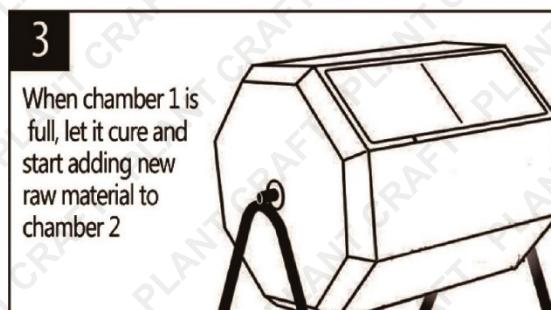
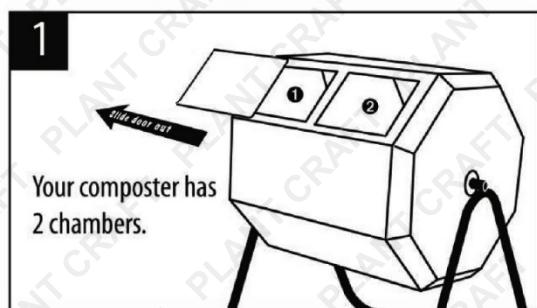
- Leaves
- Straw/hay
- Saw dust
- Twigs



### What NOT to Compost

- Meats/fats/bones
- Dairy products
- Rubbish/plastic
- Ashes
- Invasive plants/weeds (i.e. poison ivy)

## Batch Composting



## Checking the Process

After 2 to 3 days, check the mix to see if it is getting hot. When the mix is hot, the beneficial organisms are multiplying and decomposing materials. Turning the composter 5 to 10 times every 2 or 3 days will mix the materials and keep the process active. Squeeze a handful of compost to ensure the materials are not drying out. If it feels like a damp sponge, the water level is fine – if it feels dry, add a little water (be careful not to add too much) and turn the composter to mix well.

Depending on materials being composted, the compost should be ready in 4 to 8 weeks. Finished compost will contain fine and coarse material. For a fine blend, sift the compost. Use the coarser compost as a fertiliser for outdoor plantings or till directly into the garden. You may also use finished compost as a starter for the next batch, or to heat up a batch that cooled too quickly.

To remove the finished compost, turn the barrel of the composter so the hatches are facing the ground, then slide open the hatch for the chamber you want to empty.

## Composting Tips

### Three Rules of Composting

- Use good quality materials in a 1 to 1 ratio of greens (Nitrogen) to browns (Carbon).
- Maintain consistent moisture - mix should feel like a damp sponge
- Maintain good air circulation – turn the composter every few days after the batch heats up to help aerate mix and encourage decomposition.

## Troubleshooting

### **Compost not heating:**

- Mix is too wet – add dry browns
- Mix is too dry – add water
- Mix ratio is off –check green/brown ratio and adjust accordingly

### **Compost producing odour:**

- Ammonia smell means too much nitrogen (greens) – add dry browns.
- Putrid smell (like rotten eggs) means mix is too wet and/or not enough oxygen – add dry browns to absorb excessive moisture and turn composter.

### **Problems with pests/insects:**

- Rodents are attracted to meat and fatty foods – remove them.
- Flies/insects are attracted to uncovered waste, especially kitchen scraps – mix or cover with brown materials or finished compost.



**Some experts believe that the incorrect or prolonged use of almost any product may cause serious injury or death. To help reduce your risk of serious injury or death, refer to the information below. For more information, see [www.datastreamserver.com/safety](http://www.datastreamserver.com/safety)**

- Consult all documentation, packaging and product labelling before use. Note that some products feature documentation available online. It is recommended to print and retain the documentation.
- Before each use, check the product for loose/broken/damaged/missing parts, wear or leaks (if applicable). Never use a product with loose/broken/damaged/missing parts, wear or leaks.
- Products must be inspected and serviced (if applicable) by a qualified technician every 6 months. This is based on average residential use by persons of average size and strength, and on a property of average metropolitan size. Use beyond these recommendations may require more frequent inspections/servicing.
- Ensure that all users of the product have completed a suitable industry recognised training course before being allowed access to the product.
- The product has been supplied by a general merchandise retailer that may not be familiar with your specific application or description of application. Be sure to attain third-party approval from a qualified specialist for your application before use, regardless of any assurances from the retailer or its representatives.
- This product is not intended for use where fail-safe operation is required. As with any product (for example, automobile, computer, toaster), there is the possibility of technical issues that may require the repair or replacement of parts, or the product itself. If the possibility of such failure and the associated time it may take to rectify could in any way inconvenience the user, business or employee, or financially affect the user, business or employee, then the product is not suitable for your requirements. This product is not intended for use where incorrect operation or a failure of any kind, including but not limited to, a condition requiring product return, replacement, parts replacement or service by a technician may cause financial loss, loss of employee time or an inconvenience requiring compensation.
- If this product has been purchased in error when considering the information presented here, contact the retailer directly for details of their returns policy, if required.

