

SCAN ME



PRODUCT
INFO

SCAN ME



COMMUNITY
GROUP

1B
FirstBuild



mella

■ SMART MUSHROOM FRUITING CHAMBER ■

USE & CARE

REV. 18

TABLE OF CONTENTS

3

Product safety information

5

Unboxing the thing

6

How the thing works

7

How to use the thing

9

How to clean the thing when
it inevitably gets covered in
mushroom goop

10

Where to keep the thing and
where absolutely NOT to keep
the thing

11

Legal, warranty stuff, and help
information

12

FAQ
&
Troubleshooting



PRODUCT SAFETY INFORMATION

⚠ WARNING To reduce the risk of fire, electric shock, or injury, follow these safety precautions:

- A 115 V AC (60 Hz) grounded electrical supply is required. **DO NOT** use with an extension cord.
- To reduce the risk associated with choking, don't allow children under 3 years of age access to this appliance or its components while unpacking, installing, or while in operation.
- When moving the appliance, be careful not to roll over or damage the power cord.
- For household, indoor use only. **DO NOT** use this product outdoors.

⚠ WARNING To protect against fire, electric shock, and injury to persons, do not immerse cord, plug or power supply enclosure in water or other liquid. **DO NOT** keep power supply enclosure near water tank.

- Close supervision is necessary when any appliance is used near children. **DO NOT** allow children to operate this appliance.
- **DO NOT** operate any appliance with a damaged cord or plug. **DO NOT** operate any appliance that has been damaged or malfunctioned. Return appliance to an authorized service facility for examination or repair.
- Place appliance on a flat surface or table and do not let cord hang over edge of table or counter.
- **DO NOT** allow the appliance or power cable near or to contact any hot surfaces.
- **DO NOT** use a power supply other than the one that has been supplied with this appliance.
- Contact Mushroom@FirstBuild.com in the event that a repair is required.
- Growing mushrooms indoors means taking great care to make sure you are growing only mushrooms and not something else. If you are in doubt about the quality of your harvest, **DO NOT CONSUME YOUR MUSHROOMS.**
- Mushrooms grow best in very clean environments. Make sure to follow the steps on page 9 to properly clean your mushroom grower.
- If you suspect that your mushroom grower is not operating correctly or is malfunctioning, please contact Mushroom@FirstBuild.com immediately.

IMPORTANT MUSHROOM INFORMATION

- Mushrooms release spores as they grow. This is a normal part of the fungus life cycle. Spores usually appear as a fine dust around fruiting mushrooms.
- **⚠ CAUTION** Exposure to constant or high spore loads can cause respiratory irritation for certain people. Only grow mushrooms away from where you sleep or spend extended amounts of time and keep this appliance in a well-ventilated area while fruiting.
- Immunocompromised individuals or those with respiratory illnesses or sensitivities should consult a doctor or healthcare professional before growing mushrooms indoors.
- Harvesting mushrooms while still in their younger growth stages can help reduce the overall amount of spores released by the mushrooms.

INFORMATIONS SUR LA SECURITE DU PRODUIT

⚠ ATTENTION

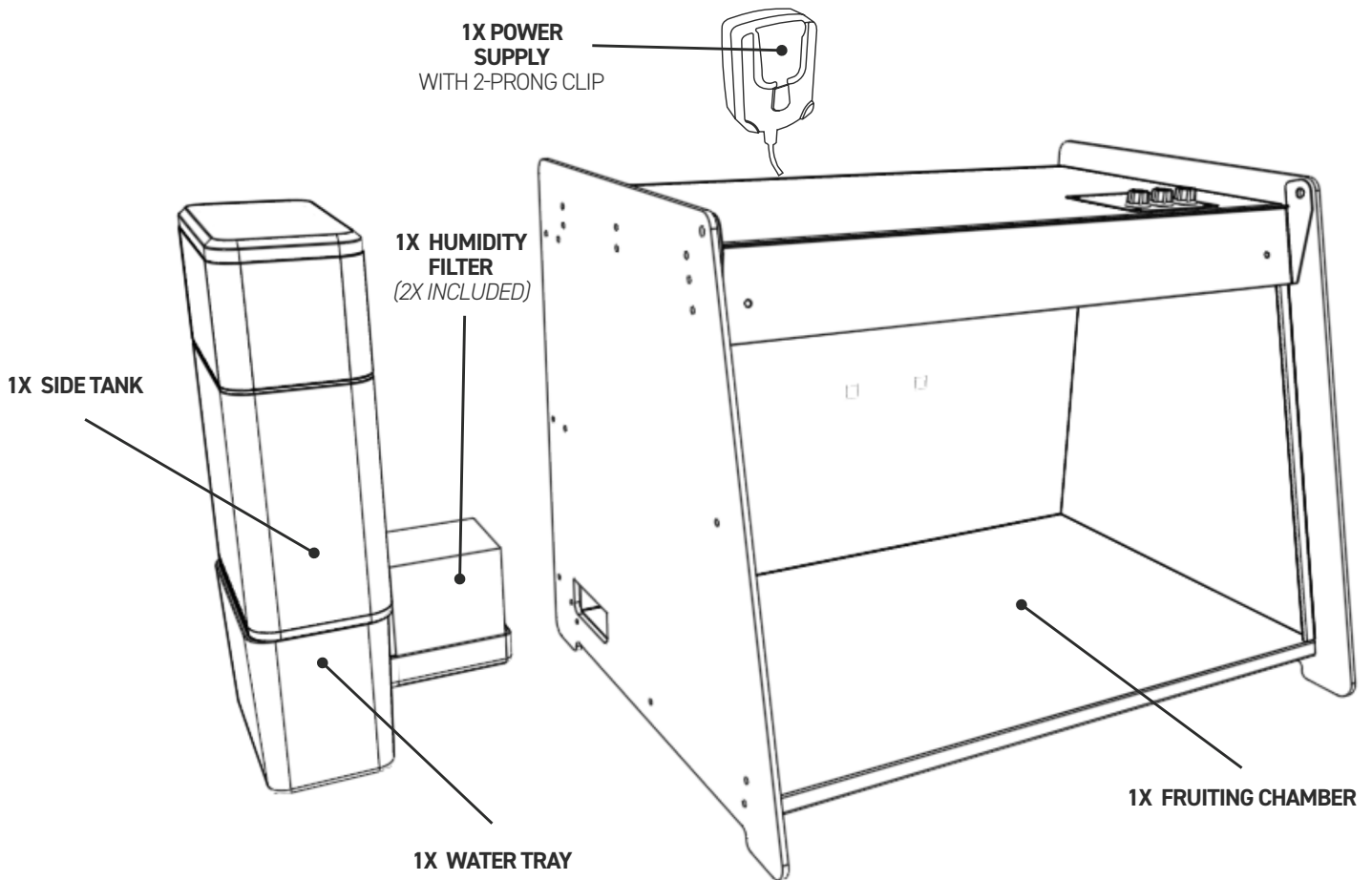
Pour réduire les risques d'incendie, d'électrocution ou de blessure, suivez ces consignes de sécurité :

- Une alimentation électrique mise à la terre de 115 V CA (60 Hz) est requise. NE PAS utiliser avec une rallonge.
- Pour réduire le risque d'étouffement, ne laissez pas les enfants de moins de 3 ans accéder à cet appareil ou à ses composants pendant le déballage, l'installation ou le fonctionnement.
- Lorsque vous déplacez l'appareil, veillez à ne pas renverser ou endommager le cordon d'alimentation.
- Pour usage domestique, intérieur uniquement. NE PAS utiliser ce produit à l'extérieur.
- **⚠ ATTENTION** Pour vous protéger contre les incendies, les chocs électriques et les blessures corporelles, ne plongez pas le cordon, la fiche ou le boîtier d'alimentation dans l'eau ou tout autre liquide. NE PAS garder le boîtier d'alimentation près du réservoir d'eau.
- Une surveillance étroite est nécessaire lorsqu'un appareil est utilisé à proximité d'enfants. NE PAS laisser les enfants utiliser cet appareil.
- NE PAS faire fonctionner un appareil avec un cordon ou une prise endommagés. NE PAS faire fonctionner un appareil qui a été endommagé ou défectueux. Retournez l'appareil à un centre de service autorisé pour examen ou réparation.
- Placez l'appareil sur une surface plane ou une table et ne laissez pas le cordon pendre du bord de la table ou du comptoir.
- NE laissez PAS l'appareil ou le câble d'alimentation à proximité ou en contact avec des surfaces chaudes.
- N'UTILISEZ PAS une alimentation électrique autre que celle qui a été fournie avec cet appareil.
- Contactez Mushroom@FirstBuild.com dans le cas où une réparation est nécessaire.
- Cultiver des champignons à l'intérieur signifie prendre grand soin de s'assurer que vous ne cultivez que des champignons et pas autre chose. Si vous avez un doute sur la qualité de votre récolte, NE CONSOMMEZ PAS VOS CHAMPIGNONS.
- Les champignons poussent mieux dans des environnements très propres. Assurez-vous de suivre les étapes de la page 9 pour bien nettoyer votre champignonnière.
- Si vous soupçonnez que votre champignonnière ne fonctionne pas correctement ou fonctionne mal, veuillez contacter Mushroom@FirstBuild.com immédiatement.

INFORMATIONS IMPORTANTES SUR LES CHAMPIGNONS

- Les champignons libèrent des spores à mesure qu'ils poussent. C'est une partie normale du cycle de vie du champignon. Les spores apparaissent généralement sous forme de fine poussière autour des champignons en fruits.
- **⚠ ATTENTION** L'exposition à des charges constantes ou élevées de spores peut provoquer une irritation respiratoire chez certaines personnes. Ne cultivez les champignons que loin de l'endroit où vous dormez ou passez beaucoup de temps et gardez cet appareil dans un endroit bien ventilé pendant la fructification.
- Les personnes immunodéprimées ou celles souffrant de maladies ou de sensibilités respiratoires devraient consulter un médecin ou un professionnel de la santé avant de cultiver des champignons à l'intérieur.
- La récolte des champignons alors qu'ils sont encore à leurs stades de croissance les plus jeunes peut aider à réduire la quantité globale de spores libérées par les champignons.

UNBOXING



1. Mella comes packed in two separate boxes - a **Chamber box** and an **Accessories box**. Make sure you have received both boxes.
2. Inside the **Accessories box** will be the power supply, side tank, water tray, and two (2) humidity filters.
3. Make sure you have recieved all of the components. If any components are missing or damaged, please contact us at mushroom@FirstBuild.com.

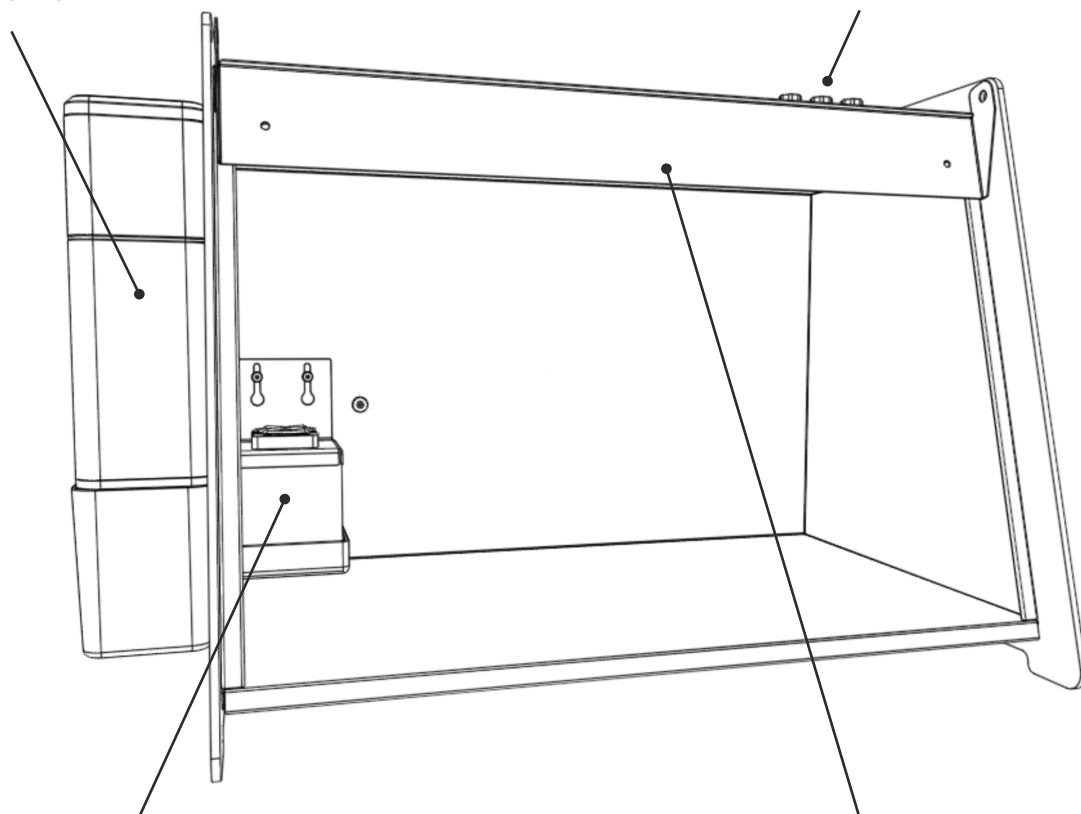
THE SYSTEM

SIDE TANK

EASY ACCESS WATER
TANK PROVIDING
UP TO 7 DAYS OF
HUMIDIFICATION

CONTROL PANEL

EASILY ADJUST FRESH AIR, HUMIDITY, AND
LIGHT INTENSITY USING THE CONTROL
KNOBS.



HUMIDIFICATION SYSTEM

THE CHAMBER FAN MOVES AIR
THROUGH THE HUMIDIFICATION
FILTER AND AROUND THE
CHAMBER TO ENSURE EVEN
HUMIDITY.

DYNAMIC LED ARRAY

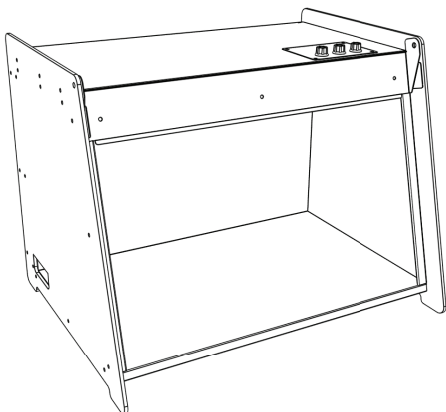
A POWERFUL LED ARRAY ENSURES YOUR
MUSHROOMS GET ENOUGH LIGHT TO GROW
PROPERLY.

Notes:

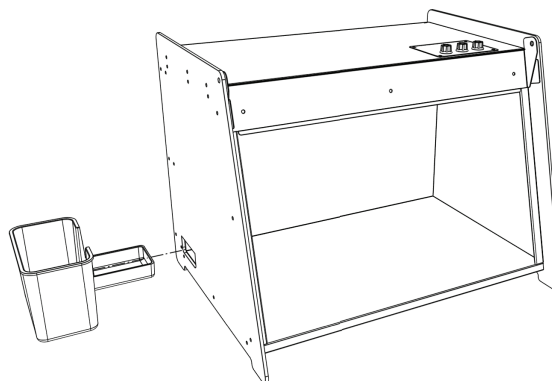
- Fresh air is delivered through the back of the appliance on a regular schedule. Make sure to keep a 3" gap around Mella during use.

HOW TO USE IT

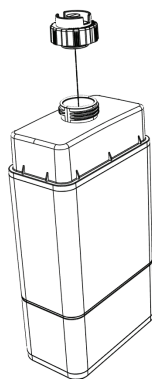
- 1** Place Mella on a flat, level surface, like a countertop or tabletop and plug in the power supply.



- 2** Slide the water tray into the unit through the opening on the left-side wall.

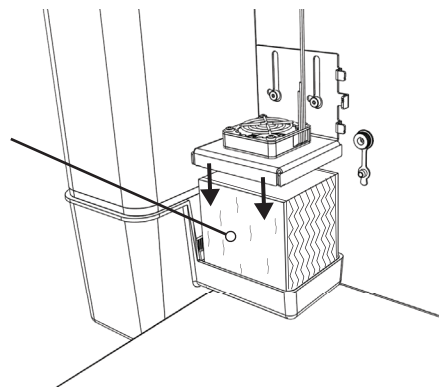


- 3** Twist off cap from the side tank, fill with water, and secure the cap back on the tank.

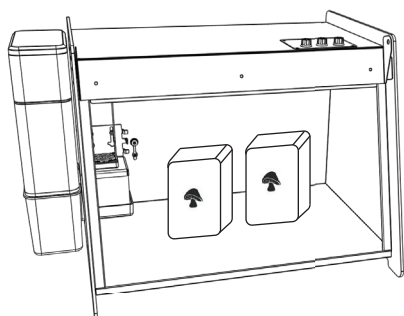


- 4** Open the chamber door, slide the fan bracket up, and place one (1) humidity filter inside the water tray. Lower the fan bracket over the filter.

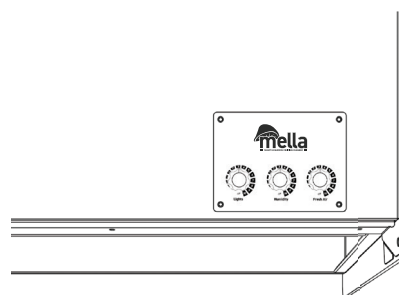
Make sure the filter sits all the way down into the water tray with felt facing forward.



- 5** Follow the manufacturer's instructions for preparation, then set fruiting blocks inside chamber.



- 6** Use the back side of this quick start guide to help set the right environmental conditions.



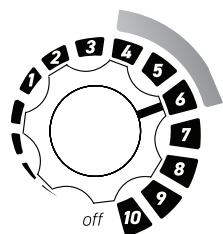
HOW TO USE IT (CONT.)

How to adjust Mella's settings:



The basics

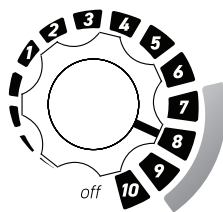
Mushrooms need four things to thrive: light, humidity, fresh air and proper temperature. Expect to tweak your settings based on mushroom variety and location. Keep an eye on your mushrooms, and don't hesitate to adjust the settings as your mushrooms grow. The humidity, fresh air, and light intensity can all be individually controlled through the knobs on the top of the unit. This guide will help you get started.



Lights

Starting point: Setting 4-6

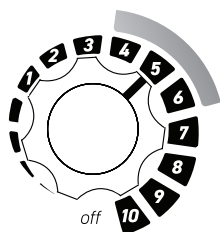
Mushrooms need at least a small amount of light for proper growth and color development. We recommend that you have your lights on for at least 12 hours each day. Pick a light level that suits the space—but turn up the lights if you notice pale mushrooms.



Humidity

Starting point: Setting 7-9

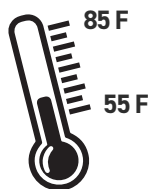
Mushrooms like humidity levels between 70-90%, though the specific level depends on the mushroom variety. Mella can maintain relative humidity levels between approximately 60% (setting 1) to approximately 90% (setting 10). Refer to the instructions from your fruiting block supplier for specific guidance. If your mushrooms are dry or cracking, increase the humidity.



Fresh air

Starting point: Setting 4-6

Mella's fan will automatically cycle on to bring fresh air into the chamber. This decreases the CO2 concentration that naturally rises as mushrooms grow. If your mushrooms have skinny stems or fruiting bodies, or their growth resembles coral, increase the fresh air. If Mella's fresh air is already set to 10, then you may want to decrease the amount of mushroom substrate you have inside Mella. Try and keep the fresh air to the minimum amount that allows your mushrooms to grow properly - too much fresh air can dry out your mushrooms.



Temperature

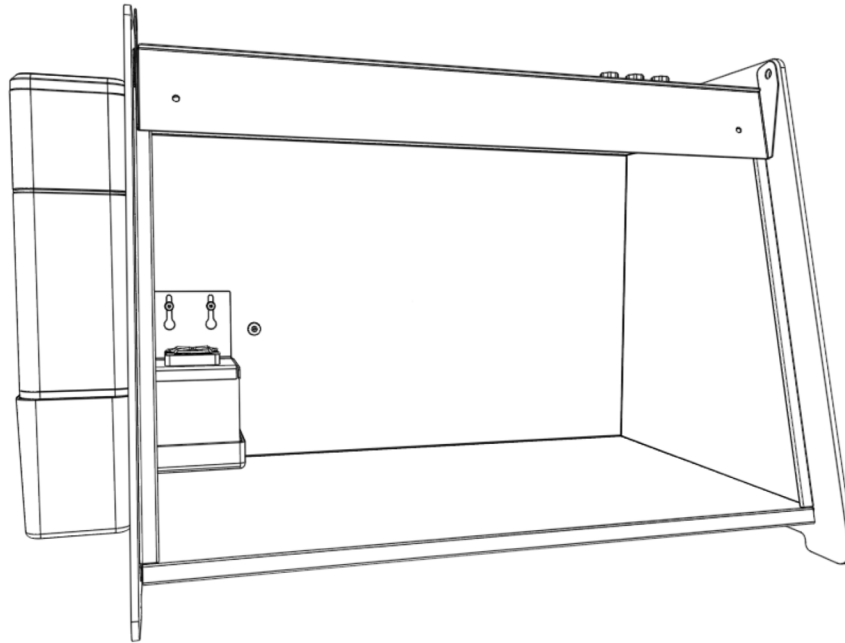
Mella's temperature is dependent on the room where it's located. Refer to your fruiting block supplier for guidance on the temperature you should maintain.



Share your settings!

Join the community of Mella and mushroom enthusiasts on Facebook (search "Mella Mushroom Fruiting Chamber Owners Group"), and share your pics and settings!

KEEPIN' IT CLEAN



About cleaning:

- Since mushrooms can (**and will**) release spores that can support mold growth, it's important to clean your fruiting chamber after each fruiting cycle.
- Keeping Mella clean and sterile is critical to making sure your growing environment is as effective and healthy as possible.
- To make cleaning easier, harvest your mushrooms early. Prolonged growth will dramatically increase the amount of spores that are released.
- **Avoid cleaning the chamber with solvents or other organic compounds - these can irreversibly damage your humidity sensor. Only use warm, soapy water.**

Cleaning procedure:

1. Remove humidification filter. Rinse under running water until clean. Replace humidification filter as needed. **Do not** continue using if contaminated.
2. Remove the side tank and water tray.
3. Empty out the water tray and wash with warm, soapy water until clean.
4. Rinse water tray with cool, clean water.
5. Unplug the humidity fan and lift the fan bracket to remove.
6. Wash fan and fan bracket under cool, running water until clean. The fan is water resistant but **do not submerge plug**.
7. Set fan bracket aside. In the chamber, plug the dust cover into the fan plug before cleaning.
8. Wash chamber with warm, soapy water until clean. **Do not use chemical cleaners.**

WHERE TO KEEP IT

- **Most mushrooms like to keep it cool (65-75F). Some varieties of mushrooms like it a bit warmer (looking at you *Pink Oysters*), so make sure to research what your mushrooms like.**
- **Examples of where to keep Mella include:**
 - A countertop, away from windows or heat sources.
 - Basements are a great place for mushroom growing.
 - On a desk or table top, at least 6 inches away from computers or lamps.
 - If you do not have an area available with cool, stable temperatures you can use ice water in the side tank to help cool things down. Be aware of condensation!

WHERE NOT TO KEEP IT

- **Near windows.** Mella can act as a small greenhouse. Keep it out of direct sunlight. Don't let it overheat!
- In a bathroom. You want stable temperatures and hot, steamy water can cause big swings.
- This unit is not designed to operate in outdoor environments. Do not use in a garage or patio.

LIMITED WARRANTY

- FirstBuild warrants Mella against manufacturing defects for ninety (90) days.
- Abuse and/or misuse, or issues related to installation, software or mushroom quality are **not** covered.
- In the event of a valid warranty claim within the warranty period, FirstBuild will send you a return label and reserves the right to provide you with a new or refurbished replacement of equal or lesser value or a refund, at its sole discretion.
- FirstBuild does not guarantee the quality of your mushroom harvest.
- If you are dissatisfied or have any questions about your appliance or you have a warranty claim to make, please immediately contact **mushroom@FirstBuild.com** so we can make it right.

FAQ

My mushrooms look dark and dried out, what's going on?

- Fruiting mushrooms typically requires a little bit of trial and error to ensure great results. If your mushrooms are drying out, try increasing the humidity level and decreasing the fresh air. If that still doesn't work, check to make sure no sunlight is hitting Mella during the day. This can warm up the chamber and cause drying.

My oyster mushrooms are long and spindly, what's going on?

- Oyster mushrooms are notorious for growing long and spindly when they are starved for fresh air. Try fruiting these mushrooms at higher humidity and at a higher fresh air level.

Why do Mella's lights keep flashing?

- Mella's lights flash whenever there is an issue. Most of the time, it's because Mella is out of water and the tank needs to be refilled.
- If Mella's tank is filled and the lights are still flashing after 2 hours, contact mushroom@FirstBuild.com so we can help resolve the issue.

Spores fell all over Mella, what do I do?

- Mushroom spores are a normal part of fruiting mushrooms. Mella is designed to be easy to clean. Check out the cleaning section of this Use & Care guide for more information on how to clean Mella.

A THANK YOU!

FirstBuild co-creates what's next for the home with you, our community.

A special thanks to these Mella co-creators:

Tony Shields, FreshCap Mushrooms

Eliah Thanhauser, North Spore

Jill Sherman, North Spore

Havard Johansen, from Norway

Gordon Walker, @FascinatedbyFungi

Kyle Gabriel, Mycodo

Zach Papaleoni, @SporetoFork

Pete and Emalee, Rich Life Farms

Brad Leone, Bon Appétit