

Pragman Family Farms, Mark 3 Tower DIY Tower Kit Instructions



Thank you so much for purchasing a tower kit from us. Here are the assembly instructions, please follow the directions as best as you can and if you have questions, email us with a phone number and we'll email or call you as appropriate.

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Included materials

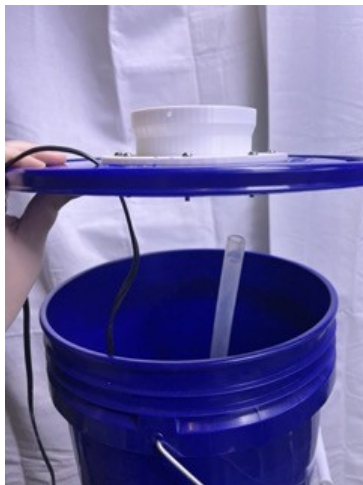
- Machine screw (8) and nut (8) for connecting the base to the bucket lid
- Wood screws (30)
- Bucket lid and bucket
- water pump
- clear tube
- lid support (1)
- base (1)
- module (10)
- grow basket (30)
- shower head
- cap

Materials needed

- Drill driver
- Exacto knife
- Marker
- Grow medium
- Grow light
- Nutrient solution

Directions

- Align the lid support onto the inside of the bucket lid and mark areas that will need to be cut out. Also make a mark where the screws will go. Use the exacto knife to cut out holes and use the drill driver to pre drill screw holes. Using drill driver make drainage holes on the lid so if there is any spills it can drain in.



- Attach the base, bucket lid, and lid support together. The base is on top then the bucket lid and the lid support is on the inside. Make sure the holes are aligned put the screws in through the base and secure with the nut on the lid support side of the lid (see above image). Set this aside.

- Attach each module together using the small wood screws, we did this part with two people one person to hold the tower and one to insert the screws. Attach the tower to the base last. We did not screw in the cap on top because we wanted access to the shower head in case it needs cleaning. Set aside.



- Fill your bucket with water (some reading material suggests distilled water but we just used tap water and it has worked out so far) and add the correct amount of nutrient fluid. Place the water pump in the bucket with the clear tube attached. Pull the power cord through the whole that was cut earlier (see image above for reference). Attach the clear tube to the middle of the tower base (see above image). Secure bucket lid.
- Insert shower head into the top module and place lid on top.



- Now that the tower is put together you can turn it on and see if it needs any adjustments.
- If the water is not showering down from the top check the clear tube connection.
- Add the grow baskets.
- Soak the grow medium according to the package you have. Below is an image of the grow medium and nutrient solution we use both can be found on amazon.



- Place grow medium into the basket and add the seed into the hole in your medium.
- Check and apply more water weekly. Do not let the water run dry it may wreck your pump (which can be replaced from amazon also).
- The correct amount of nutrient solution should be reapplied every other week.
- We turn our grow lights off at night creating a day night cycle for our plants that has worked well. If you have any questions feel free to reach out.
- Enjoy growing your own greens!

(If you develop algae do not worry after you harvest run the tower with half a bucket of water and half a bottle of hydrogen peroxide for 24hrs then wipe away the algae from the tower. Wash the bucket and start again)

