

Bee Hive Frame User Manual



Read Carefully Before Use
Keep for Future Reference

Disclaimer

Read this disclaimer carefully **BEFORE** use.

1. **As-is**

This product(s) is sold 'as is' and without any express or implied warranties, including but not limited to the implied warranties of merchantability and fitness for a particular purpose.

2. **Product Modifications**

Any modifications or alterations to these products void any warranties and may result in damage or injury. We shall not be liable for any damages resulting from such modifications or alterations.

3. **Compliance with Laws**

Customers shall be liable for ensuring that the use of these products complies with all applicable laws and regulations in their respective jurisdictions. We assume no responsibility for any violations of laws or regulations resulting from the use of its products.

4. **Correct Use**

Always use the product(s) only as directed in the accompanying manual. Failure to follow instructions may result in injury or damage.

Always ensure the operation, installment, maintenance, and repair of the product(s) is carried out by a competent person.

Always make maintenance regularly throughout the product lifecycle, you have the liability to keep the product operating as intended.

Always wear appropriate protective gear.

5. **Third-Party Products**

We shall not be liable for any damages or losses resulting from the use of third-party products in conjunction with our products. Customers should refer to the third-party's guidelines or/and warranties (if any) for any third-party products used.

6. **Limitation of Liability**

We shall not be liable for any direct, indirect, punitive, incidental, special, or consequential damages to property or life, whatsoever arising out of or connected with the use or misuse of our product(s). In no event shall our liability exceed the value of the product(s) sold.

This Disclaimer states the entire obligation of us with respect to the products. If any part of this disclaimer is determined to be void, invalid, unenforceable, or illegal, including, but not limited to the warranty disclaimers, liability disclaimers, and liability limitations set forth above, then the invalid or unenforceable provision will be deemed superseded by a valid, enforceable provision that most closely matches the intent of the original provision and the remainder of the agreement shall remain in full force and effect.

Safety Information

Warning

- Read **ALL** these instructions completely **BEFORE** assembly, use, and maintenance.
- Provide this manual to anyone who will use or service this hive and provide it with this hive (whether already assembled or not) if it is ever given or sold to a third party.
- **ONLY** assemble, use, and maintain this hive in accordance with these instructions.

Failure to follow these instructions may lead to serious property damage and severe personal injury and void **ALL** warranties implied or stated.

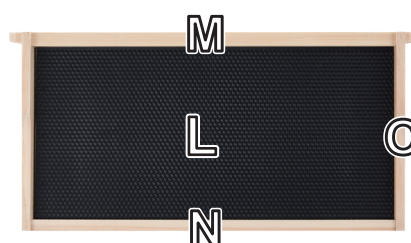
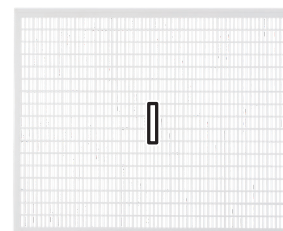
- **DO NOT** allow use by children, by persons unfamiliar with this hive or these instructions, or by anyone whose physical or mental impairment precludes safe use.
- **ALWAYS** wear appropriate personal protective equipment (PPE) while working with a hive with an active bee colony.
- Before putting the hive into actual use, **ALWAYS** ensure that it is assembled securely and well-ventilated.
- Using a bee hive for beekeeping and honey production is actually a risky activity that requires you to have rich relevant knowledge and experience.

If you are just a beginner or have any doubts about any process, **ALWAYS** consult experienced beekeepers and experts to learn about safe practices **BEFORE** use.

Specifications

Model		232C	233C	234C
Material		Fir Wood, Pinewood, Metal, Plastic		
Number of Deep Box		1	2	2
Number of Medium Box		1	1	2
Dimensions	Overall	18.1×22×19.9 (in.) 46×56×50.5 (cm)	18.1×22×29.5 (in.) 46×56×75 (cm)	18.1×22×36.2 (in.) 46×56×92 (cm)
	Top Cover	18.1×21.8×2.6 (in.) 46×55.3×6.5 (cm)	18.1×21.8×2.6 (in.) 46×55.3×6.5 (cm)	18.1×21.8×2.6 (in.) 46×55.3×6.5 (cm)
	Inner Cover	16.3×19.9×1 (in.) 41.3×50.5×2.5 (cm)	16.3×19.9×1 (in.) 41.3×50.5×2.5 (cm)	16.3×19.9×1 (in.) 41.3×50.5×2.5 (cm)
	Medium Box	16.3×19.9×6.6 (in.) 41.3×50.5×16.8 (cm)	16.3×19.9×6.6 (in.) 41.3×50.5×16.8 (cm)	16.3×19.9×6.6 (in.) 41.3×50.5×16.8 (cm)
	Medium Frame	19×1.4×6.3 (in.) 48.3×3.5×15.9 (cm)	19×1.4×6.3 (in.) 48.3×3.5×15.9 (cm)	19×1.4×6.3 (in.) 48.3×3.5×15.9 (cm)
	Deep Box	16.3×19.9×9.6 (in.) 41.3×50.5×24.5 (cm)	16.3×19.9×9.6 (in.) 41.3×50.5×24.5 (cm)	16.3×19.9×9.6 (in.) 41.3×50.5×24.5 (cm)
	Deep Frame	19.1×1.4×9.1 (in.) 48.3×3.5×23.2 (cm)	19.1×1.4×9.1 (in.) 48.3×3.5×23.2 (cm)	19.1×1.4×9.1 (in.) 48.3×3.5×23.2 (cm)
	Queen Excluder	16.1×20.1×0.1 (in.) 41×51×0.3 (cm)	16.1×20.1×0.1 (in.) 41×51×0.3 (cm)	16.1×20.1×0.1 (in.) 41×51×0.3 (cm)
	Bottom Board	16.3×22×1.9 (in.) 41.3×56×4.9 (cm)	16.3×22×1.9 (in.) 41.3×56×4.9 (cm)	16.3×22×1.9 (in.) 41.3×56×4.9 (cm)
Net Weight		39.1 lb. 17.8 kg	53.7 lb. 24.4 kg	65 lb. 29.5 kg

Package List



No.	Name	232C	233C	234C
A	Top Cover	1	1	1
B	Inner Cover	1	1	1
C	Medium Box Short Boards	2	2	4
D	Medium Box Long Boards	2	2	4
E	Medium Foundations	10	10	20
F	Medium Frame Top Bars	10	10	20
G	Medium Frame Bottom Bars	10	10	20
H	Medium Frame Side Bars	20	20	40
I	Plastic Queen Excluder	1	1	1
J	Deep Box Short Boards	2	4	4
K	Deep Box Long Boards	2	4	4
L	Deep Foundations	10	20	20
M	Deep Frame Top Bars	10	20	20
N	Deep Frame Bottom Bars	10	20	20
O	Deep Frame Side Bars	20	40	40
P	Hive Entrance Board	1	1	1
Q	Bottom Board	1	1	1
R	Nails	120	180	240

Not Included but Helpful

- Work Gloves
- Hammer/Mallet
- Electric Drill
- Wood Glue

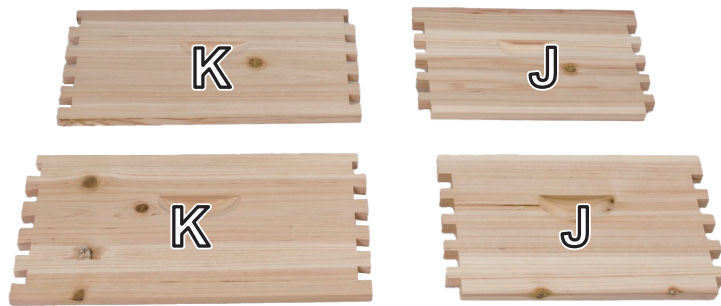
Assembly

Warning

ALWAYS wear work gloves before assembly.

Boxes

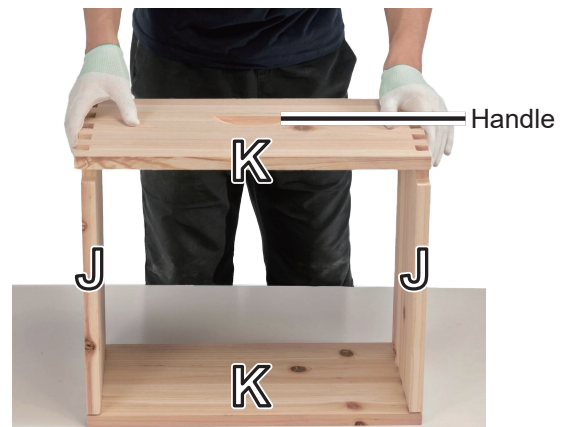
1. Locate two deep box short boards (J) and two deep box long boards (K) as shown.



2. (Optional) Apply a small dab of wood glue (not included) to the joints of the two short boards and two long boards as needed.
3. Fit the two short boards and two long boards together to make a deep box.

Ensure that all 4 handles are on the upper outside of the boards.

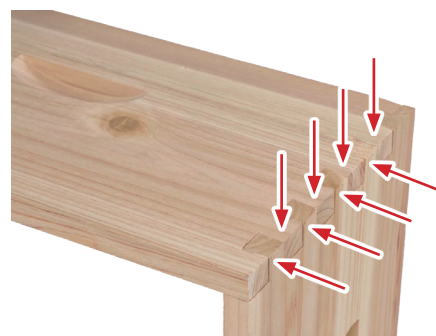
Note: As the wood can expand and contract during shipping, some filing may be needed to align the dovetails.



4. Secure them tightly using a hammer or a rubber mallet (not included).



5. (Optional) Further secure the boards with nails as needed.
 - a. Pre-drill holes in the center of each leg of the precut joints to prevent its wood from splitting.



Assembly

- b. Hammer in one nail at a time.

Note: *DO NOT* nail into the topmost or bottommost dovetails, as they will split.

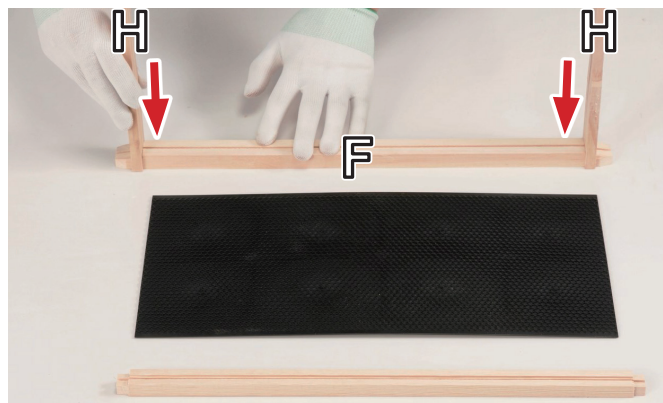
- c. After hammering each nail in, verify that the box remains aligned.
6. Repeat Steps 1–5 to assemble the medium box(es) using the medium box short boards (C) and medium box long boards (D).

Frames & Foundations

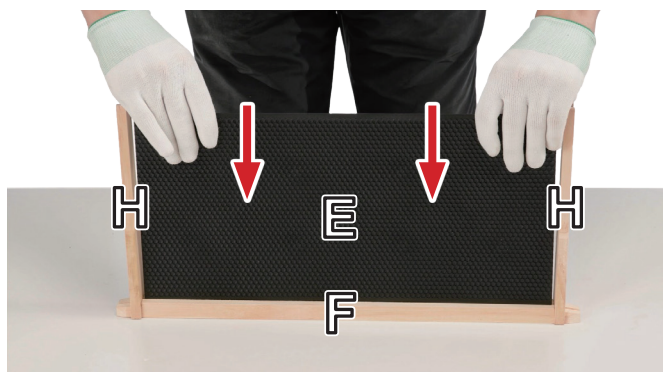
1. Locate one medium frame top bar (F), one medium frame bottom bar (G), two medium frame side bars (H), and one medium foundation (E) as shown.



2. (Optional) Apply a small dab of wood glue (not included) to both ends of the two side bars (H) as needed.
3. Attach the two side bars to the top bar.

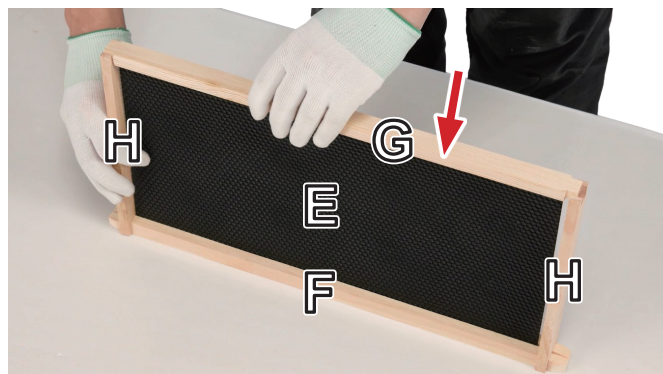


4. Place the plastic foundation in the top bar's groove.



Assembly

5. Attach the bottom bar to the side bars to form a medium frame with medium foundation.



6. Further secure the frame with the provided nails (R).
 - a. Place two nails into one end of the top bar, spaced evenly, and hammer them into the side bar.
 - b. Hammer two more nails into the other end of the top bar.
 - c. Place one nail into the center position of one end of the bottom bar, and hammer it into the side bar.
 - d. Hammer one more nail into the other end of the bottom bar.



7. Repeat Steps 1–6 for assembling the rest of the frames and foundations.

Stacking the Hive

1. Place every ten deep frames with deep foundations into a deep box and every ten medium frames with medium foundations into a medium box.

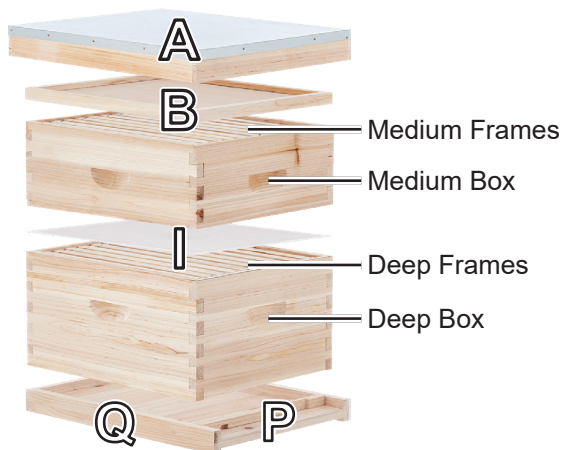


Assembly

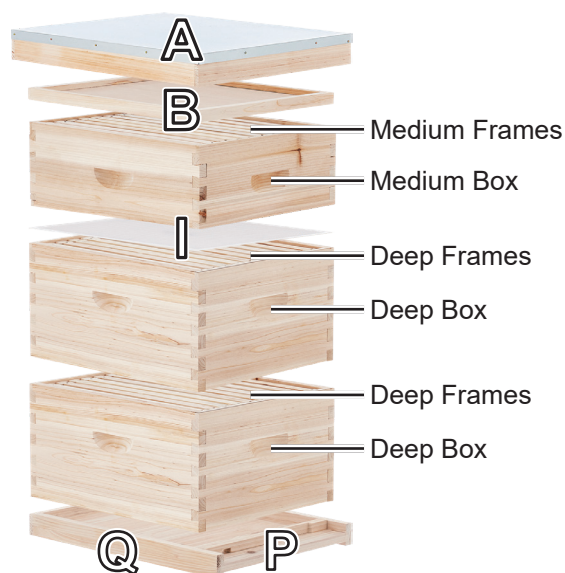
2. Stack the hive parts according to the relevant image below.

In winter, remove the provided queen excluder (I) from the hive to prevent the queen from being left behind as the cluster moves up into the honey stores.

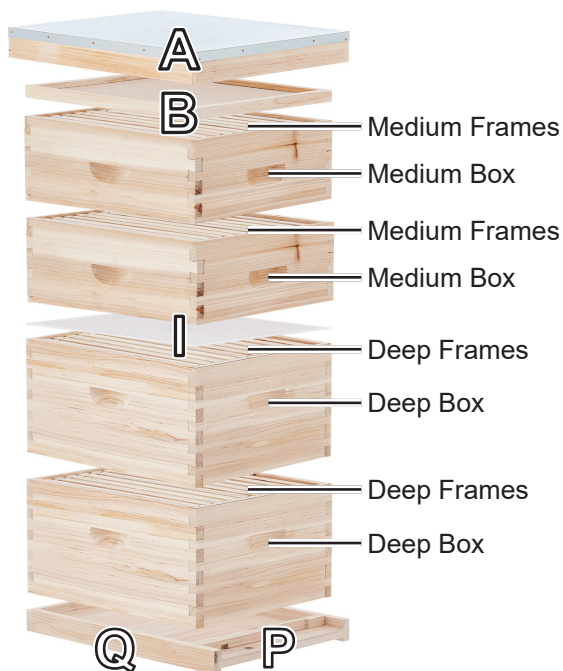
Model: 232C



Model: 233C



Model: 234C



3. If you live in a windy area, batten your hive with ropes or ratchet straps.
Your hive could be severely damaged if it were to fall over.

Operation

Warning

- **ALWAYS** wear appropriate personal protective equipment (PPE) while working with a hive with an active bee colony.
- The following process is only a general operational guideline. To ensure a detailed and accurate process, **ALWAYS** consult local experienced beekeepers and experts. If you have any doubts, **DO NOT** use this bee hive until all uncertainties are resolved.

Installing Packaged Bees into the Hive

1. Remove the top cover, inner cover, and some of the top box's frames from the hive.
2. Remove the cap from your queen cage (not included), exposing its candy, and place the cage on top of the top box's frame.
3. Shake the bees into the empty box and place the package near the entrance for stragglers to move in on their own.
4. Give the bees some time to settle into their new home.
They may need a day or two to adjust to the new surroundings.
5. When the bees have settled, replace the removed frames, inner cover, and top cover.

Note: Make sure the hive is secure and well-ventilated.

6. Check on the hive regularly to ensure that the bees are building comb, the queen is laying eggs, and the colony is thriving.

Harvesting the Honey

1. Remove the frames one at a time, using a bee brush (not included) to clear the bees from the surface.
2. Cut the comb free from the edges of the frame.
3. Crush the comb, straining the honey using mesh bags or similar equipment.

Be sure everything is clean and food grade, particularly for commercial applications.

Maintenance

- When in use, check your hive weekly for any signs of an unhealthy colony, such as supersedure cells, swarm cells, excessive drone broods, or signs of disease.

Expand or reduce hive space as needed to prevent unhealthy swarming or excessive hive space.

- Periodically check all parts of the hive, especially the boxes and frames, for any signs of cracks, warping, or loose joints. Repair or replace any problematic ones before further use.
- Periodically clean the hive with a damp, clean cloth. **DO NOT** use harsh abrasives or caustic chemicals.
- If not to be used for an extended period of time, clean all the parts of the hive and store them in a cool, dry place away from direct sunlight and inaccessible to children.

Contact Us

Thank you for choosing our products! If you have any questions or comments, contact us at **contact@b2ccspro.com** and we'll resolve your issue ASAP!

For a .pdf copy of the latest version of these instructions, use the appropriate app on your smartphone to scan the QR code to the right.

