

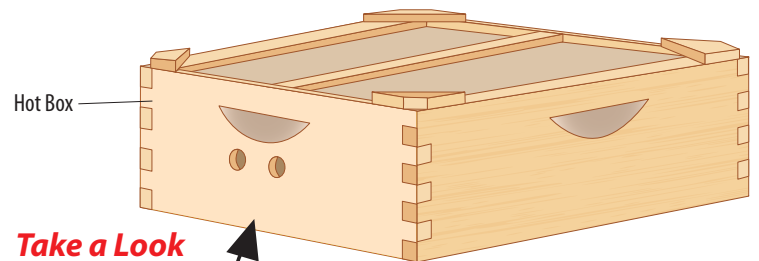
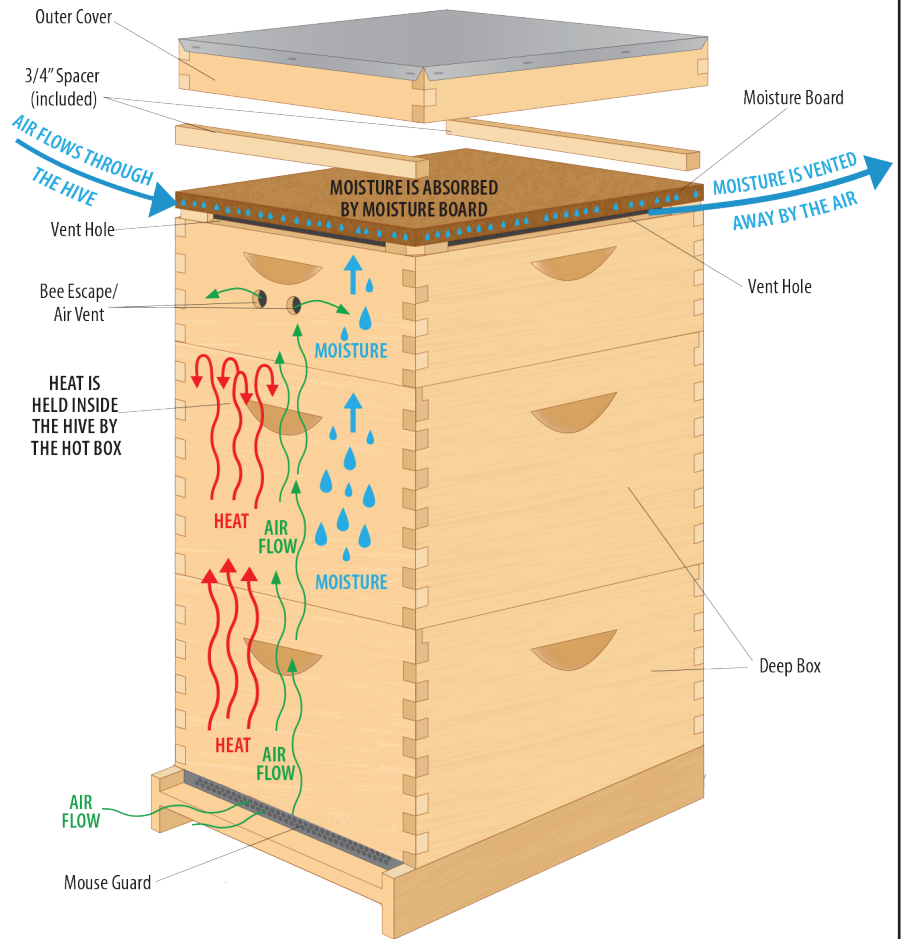
HOT BOX™ WINTERIZER

Over the winter, bees naturally maintain the proper temperature within the hive by clustering together. As the heat rises in the hive, the insulation inside the Hot Box separates the warm air inside the hive from the cold outside air, reducing condensation within the hive.

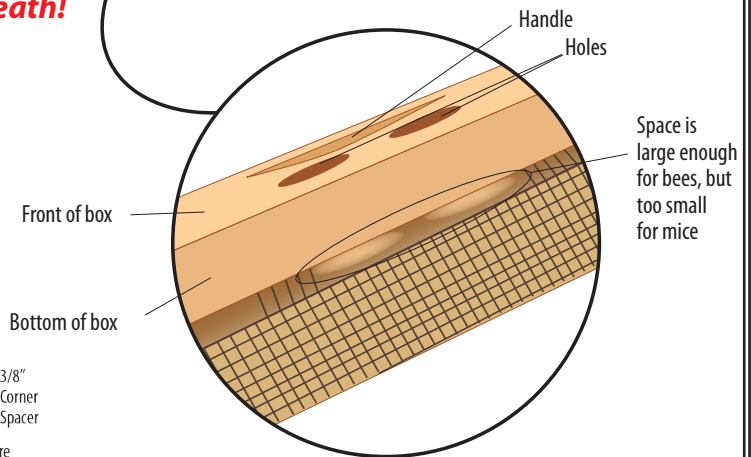
Once the Moisture Board is in place, triangle spacers on the Hot Box will allow cross-flow ventilation between the Hot Box and Moisture Board. This helps draw liquid into the Moisture Board and away from the bees. Any condensation that is generated will travel through the insulation in the Hot Box to be captured within the Moisture Board and evaporated away.

During the winter it is a good idea to periodically check the Moisture Board. If it looks saturated, it can be replaced with a new one. In the spring, the Moisture Board can be removed, dried out, and reused next winter.

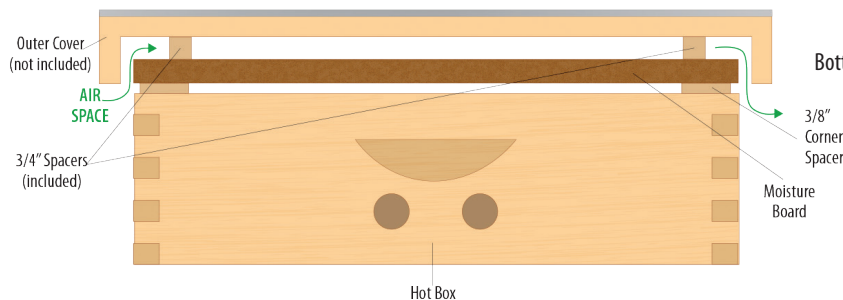
The two holes in the front of the Hot Box are escape holes, through which bees can leave for cleansing flights. Just inside these holes is a special area that prevents mice and other critters from entering the hive (see illustration below).



Take a Look Underneath!



VIEW FROM BOTTOM OF HOT BOX



INSTALLING THE HOT BOX WINTERIZER:

Pre-Checks/Preparation

1. Paint exterior of Hot Box (preferably black) and let dry.

Winterizing the Hive

1. Ensure an entrance reducer is in place and install a mouse guard.
2. Remove outer cover, set aside.
3. Remove inner cover and store for the winter. It will not be placed back on the hive after the Hot Box is installed.
4. Place Hot Box on top of uppermost box with the two holes (bee escape) facing towards the front and below the handle. Make sure the triangular spacers are on top.
5. Place Moisture Board on top of Hot Box.
6. In order to assist with drawing moisture from the outer cover, place included $\frac{3}{4}$ " spacers on top of moisture board, as shown on previous page. This will create additional space between the moisture board and outer cover.
7. Replace outer cover. (Do not replace the inner cover).
8. For extra insulation, wrap hive with tar paper or additional hive insulating products.



MANN LAKE
WE KNOW BEES

501 1st St S, Hackensack, MN 56452
500 Santa Anita Dr., Woodland, CA 95776
485 Stewart Rd, Wilkes-Barre, PA 18706
1600 Commerce Street, Marshall, TX 75672
301 Bert Schultz Blvd Winter Haven, FL 33881

Telephone: 800-880-7694
www.mannlakeltd.com