

WAX PROCESSING TANK

The Maxant Wax Processing Tank has several functions. It can be used as a draining tank for uncapping, a wax melter for cleaning wax, dipping candles or pouring off into molds and a reliquifier for sugared honey in containers of up to sixty pounds.

FOR USE AS AN UNCAPPING TANK

1. DO NOT use the emmersion heater as it will burn out quickly. You may even want to remove it from the tank. If you do decide to leave the heater in the tank, keep it unplugged and do not use it to speed up honey drainage from the wax. Instead, a 60 watt or higher light bulb hung above the tank will add enough heat to speed up the drainage.
2. The container support screen should have a finer mesh screen (we recommend vinyl window screen) placed over it to hold back the finer particles of wax from the honey.
3. You may wish to place the 1" ball valve into the lower drain. If not, just keep a pail under the opening to catch the honey as it runs off. Allow as much honey as possible to drain out of the cappings before you start to melt the wax.

FOR USE AS A WAX MELTER

NOTE: NEVER TURN ON THE EMMERSION HEATER UNTIL YOU ARE ABSOLUTELY CERTAIN THAT THE ELEMENT IS COMPLETELY COVERED BY WATER.

When you are satisfied that all recoverable honey has been drained from the cappings, the melting procedure can begin.

1. The heating element is screwed into the side of the tank. The front honey drain is plugged using pipe dope on the threads of the plug to avoid leaks. The 1" ball valve is placed in the outlet mid-level on the tank, The smaller 1/2" ball valve just below the wax outlet is used to check the water level in the tank, Open this small valve before adding water and place a container under it. Now add water to the wax until water starts to flow out of the open valve. (This will take approximately seven gallons of water.)
2. The heater can now be turned on high and the wax allowed to melt.
3. When all the wax has been liquefied, lower the temperature so

impurities can settle into the water. Open the small valve to allow the excess water to drain out. Close the valve only after the wax has started to drain out. Now you can start to draw off the melted wax into bread pans or any other suitable container with tapered sides.

4. If the wax is very dirty or slummy, you may wish to drain all of the wax through a single layer of inside out sweat-shirt material to filter out the slum. Drain the wax into a container with slanted sides (the slanted sides makes removal of the solidified wax easier). When remelting this filtered wax, be sure to start over again with fresh, clean water.

FOR USE IN CANDLE MAKING (Tank insert sold separately)

1. Place insert on rack above heater.

2. Follow all the steps listed above for melting wax.

REMEMBER: The water must always cover the heating element to just 3" below the top of insert.

3. When hand dipping candles, the temperature of the wax must be watched carefully. A candy thermometer is helpful here.

4. To fill molds, one must ladle the wax into mold.

5. Never cover the tank with the insert in it as condensation may drip into wax vat. Place the heater in the side opening, Place the container on the screen in the tank. Pour enough water into the tank to come to about three inches or so from the top of the honey container; Set the heater at low (100-120) and check periodically.

Wax can be a dangerous **FIRE** hazard. **NEVER** leave the unit unattended when using the heating element. We cannot stress this point hard enough.

Always remove or break any solid wax cake that forms above the water before turning the heating element back on for use. You must always monitor the water level when using the heater.

Any questions, comments, or suggestions can be directed to the following:

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