
SP70 WAX RECLAIM TANK USER GUIDE

The SP70 wax reclaim tank is designed to work alongside our SP70 and SP140 wax dip tanks to allow continual wax reclaiming while you process.

We have taken the concept from larger capacity reclaim tanks, used for on-line systems, and adapted it to make a more compact unit for the smaller processor. In doing so we have made a cost effective system that is simple to use and saves time and effort.

Heated via a single phase 4kw heater and being fully insulated make this tank very efficient. The tank also comes with a hopper to allow for easy loading of the wax peelings and a perforated stainless steel basket that can be simply lifted out to remove the feather from the wax. Clean wax will continually run through the mesh basket and back into the dipping tank via the wax run off tap.

FEATURES

- ✓ Full stainless steel construction
- ✓ Fully insulated
- ✓ Adjustable feet for uneven floors
- ✓ Requires single phase 32amp supply, and water connection



SET-UP OVERVIEW

Position the reclaim tank alongside the wax dip tank as shown below.



Connect the wall socket provided to a minimum 32 amp supply. 230v

Connect water supply to the water jacket fill point and reclaim fill point, as show below in figure 1.

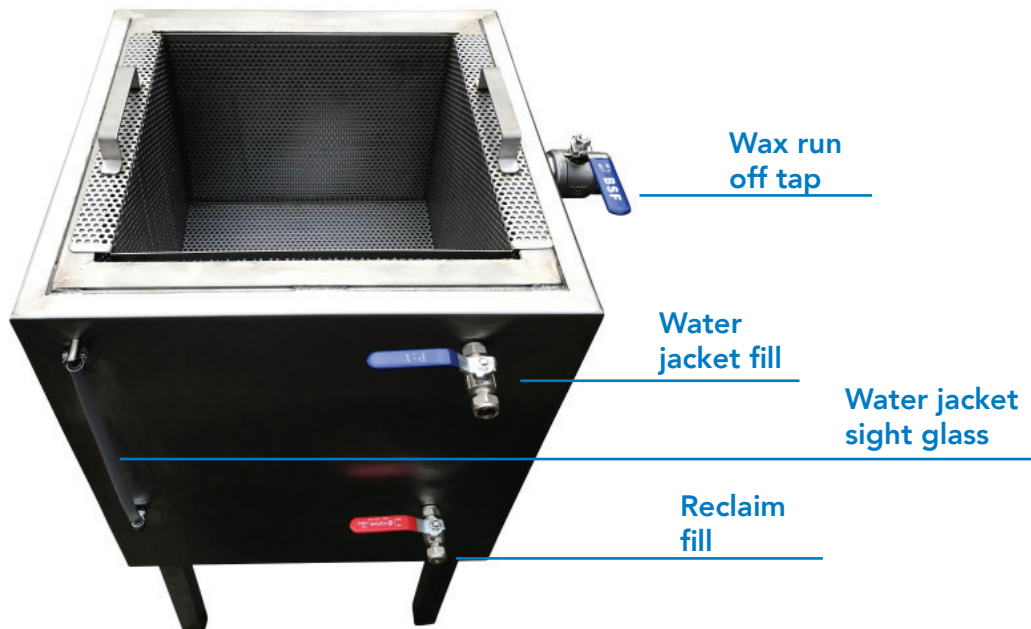


Figure 1

GETTING STARTED OVERVIEW

Fill the water jacket using the sight glass to check the level. Do not over fill as the level will increase as it heats.

Fill the reclaim tank to about 5cm above the bottom of the basket.

Switch the control panel on to position '1' This is thermostatically controlled. When the green light comes on, this indicates that it is heating. It will take approximately 1hr 30mins to heat the water jacket to temperature (set at 95c).

You are now ready to start adding your wax peelings.

WAX RECLAIMING OVERVIEW

IMPORTANT! ALWAYS CHECK THE WATER LEVEL IN THE WATER JACKET. KEEP FULL AND DO NOT LET THE HEATER RUN DRY.

Periodically it is a good idea to stir the wax in the reclaim tank to help the wax and feather to separate. Once the reclaim tank is full your clean wax will run off back into your dipping tank. If your dipping tank is getting low and you require more clean wax, you can simply add more water through the reclaim fill point (fig 1) to raise the level in the tank. Alternatively if you have too much wax in the dip tank you can shut the wax run off tap to keep the wax in the reclaim system.

During the reclaim process all the dirt in the peelings will sink through the wax and into the water, leaving clean wax and feather sat on top above the water. At the end of processing simply remove the hopper and then carefully lift out the reclaim basket allowing the wax to drain out. All the feather will remain in the basket and can now be scraped out and removed. This process may need to be done more regularly depending on the numbers of birds you are processing at one time.

It is also a good idea to let some of the water out from the reclaim tank drain point (fig 2), this is located opposite the wax run off tap. This will remove some of the dirt that will collect on the bottom of the tank, being careful not to drain too much and loose the wax.



Figure 2

It is important to top the water up in the reclaim tank from time to time as this will evaporate off through the day while it is running.

If at any point you feel you require extra heat in the reclaim tank, you can move the switch to position '2'. This setting will bypass the thermostat and run on constant heat. The water in the hot water jacket will soon reach boiling point and this should only be done for short periods of time and should never be left un-attended.

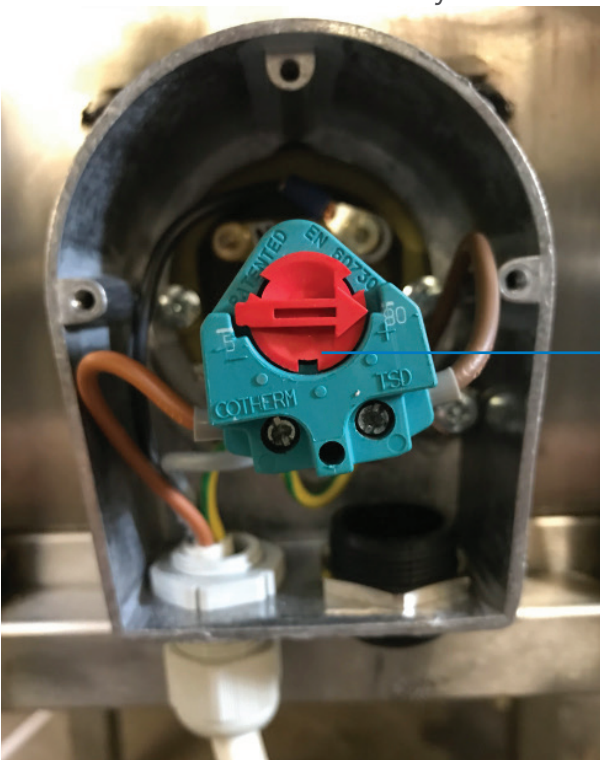
TROUBLE SHOOTING

Green light doesn't come on and tank not heating - Open control box and check the 20amp breaker hasn't tripped.



20amp
breaker

Test thermostat for continuity.



Thermostat

CONTACT US

If you have any questions please get in touch and we will do our best to help.

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