

General Info

The scald is the critical operation in feather removal and you now have a machine designed to make it simple for you. For a video recording of how to set up and use your scalding please go to www.featherman.net.

Set up

1. Locate your scalding in a draft free, but well ventilated area.
2. Hook your rubber supply line hose to a propane tank. It is a brass, reverse-threaded connection. Do not over-tighten. Save the provided plastic cover on the hose end to protect your gas hose from dirt between uses.
3. Hand tighten the 1" PVC valve provided for your drain port.
4. Attach float valve to cold or hot water supply and fill tank. Cold water will take approximately 2 hours to heat to 145; hot water less than an hour. The water must at least cover the holes of the temperature sensing unit (about half way up) for the machine to operate properly.
5. Start pilot light by turning on the gas on your propane tank then turning the gas control knob to Pilot and depress the knob. This is allowing gas to flow from your tank, through the rubber hose, through the control valve, through the aluminum pipe to the pilot. That is a lot of air to push out so be patient. Experience indicates at least 2 minutes to clear this line of air.
6. After several minutes hold lighter to pilot light at the end of the aluminum tube under the scalding. If it doesn't ignite keep the button depressed and try again in 20 or 30 seconds. A mirror may help you to see the end of the pilot light.
7. Keep the knob depressed for another 30 seconds. The thermocouple takes this long to warm up and send a signal for the pilot gas flow to remain open. (The thermocouple is brass colored and has a tube to the gas control valve marked with 3 indentations).
8. After the pilot light is lit plug in your electric cord to 110V electricity unless you have specifically asked for 220V. Do not pass the cord under the scalding.
9. Turn the gas control knob to "ON." You will hear the burner ignite.

Operation

Your scalding is preset to 147 degrees. This means the water temperature will cycle between about 145 and 150 degrees. Use the supplied tarp to insulate the scalding water during heat up and to keep your machine clean between uses. We recommend clamping a kitchen thermometer or digital remote thermometer to the back side of your scalding where it is out of the way but readable. This will give you feedback and tell you when your water is ready to begin scalding. Add enough dish detergent to make the water bubbly on top. This will help the scalding water penetrate.

Dunk up to 50 pounds of birds at a time in your scalding. Be sure to give them enough time out of the water to cool the skin between dunkings. As a starting point, we suggest 8 dunkings over the course of one minute. Too long in or water that is too hot will result in

torn skin. Learning to pull wing feathers will soon make you an expert on when the chickens are ready to be plucked. When they release with no resistance the birds are ready for your plucker.

Cautions

Remember you are dealing with gas, water and electricity. Think safety first in the way you set up and during operation. Keep electric cords and gas lines out of the way. Keep any other electric appliances away from the scald water.

The built-in chimney improves airflow and retains more heat. Position your scald so that the chimney cannot be touched accidentally. **THE CHIMNEY WILL GET VERY HOT AND CAN CAUSE SERIOUS BURNS.**

Do not operate your scald without water in the tank.

Clean Up

To clean up, simply drain the scald, scrub with soapy water and rinse. Don't spray the controls. Cover with the provided tarp and store under cover. Be sure to close your gas valve if you leave the tank attached. If you detach the gas tank, use the provided plastic cap to protect the exposed end of your scald's gas line from debris or insects.

Warranty

Your Featherman Scald is designed to give you many years of reliable service. Should you encounter problems please consult our Trouble-shooting section on our website first. If your problem persists please call us. All Featherman equipment is fully guaranteed for one year and our phone number is on the nameplate.

Good luck and happy scalding!

Featherman Equipment