



- Never operate distillation equipment without first reading and understanding all safety instructions and manufacturer warnings. If you have questions, immediately contact the manufacturer for further guidance and explanations of the instructions at jeff@ngstillco.com or by phone at 770-374-8990.
- Always do a cleaning run for the first run in your still. This allows you to check your still for leaks during the run to make sure it is safe for use.
- Never attempt to run a still if there is a leak. Make sure to check for leaks before running the still, and periodically during the run. If you find a leak, immediately stop.
- Never leave a still unattended while running.
- Always check to make sure there are no blockages in your still, and that your still is in good working order before every run.
- When operating a still that is heated internally with an electric heating element, ensure that the still is filled with liquid that is 40 proof or less prior to turning power on to the heating element. Never turn the power on to the heating element PRIOR to filling the still with your wash.
- Always fill your still to the capacity rating of the still. NGSC capacity rating is based on the body cylinder of the still main pot (the bottom of the vapor cone is a full still).
- Never overfill the still above its capacity rating, or so high in the still that it fills the vapor cone.
- Always consult a professional electrician if using an electric heat system that requires electrical wiring or work.
- Always monitor the liquid level in your still; as it runs, the liquid level will change.
- We recommend building a sturdy platform using plywood, 2x4s and 4x4s. Build it wide enough and long enough to place all components of your still safely and securely on it. Build it tall enough to be able to put your collection jar under the worm condenser outlet where you will collect your distillate.
- Never create a blockage in your still by putting solids in it. Only well strained liquid goes in the still pot. We recommend your final strain of the wash is run through 4 layers of cheesecloth.
- Do not overfill your thumper. Only put a MAXIMUM of 1-2 inches of liquid in the bottom of the thumper. Just enough to submerge the inlet tube that is connected to the still.
- Do not hook your thumper up backwards. The inlet tube must always be connected to the still lyne arm. The thumper inlet tube is the long tube that goes to the bottom of the thumper canister.
- When heating a still pot with a propane burner or similar heating system, ensure you are in a well-ventilated area.
- When heating your still with a propane burner, build a sturdy base using cinder blocks or similar concrete blocks. Create a horseshoe structure around the burner, and use enough blocks to elevate the bottom of the still 6"-8" above the burner. Use 3-4 sticks of angle iron to lay across the top of the blocks, creating a sturdy platform for the still. Do not turn the burner up so high that the flames come in contact with the bottom of the still. You want the heat from the flame to heat the still without the flame coming in contact with the still. For a visual, review the photos on our website Resource Tab labeled "Set Up Photos". We recommend using a thin piece of tin or similar metal to place between the bottom of the still and heat source. This will protect the bottom of the still in the event you have your flames too high.
- Always have cold water circulating in the worm condenser as the still is producing alcohol vapors. This will condense the alcohol vapors back into a liquid distillate. Run the cold water into the bottom port and drain from the top port on the condenser can.



- At the completion of a distillation run, CAREFULLY using heat rated Gloves or oven mitts, disconnect and remove the copper tubing that connects the still and thumper inlet. The tubing will be very hot so be safe to avoid burning yourself or others. This will ensure that negative pressure build up does not collapse your still pot.
- You need PTFE plumbers' tape to wrap all your threaded fittings 2-4 times around to ensure a watertight seal when you screw them in. (i.e. Thermometer, Pressure Relief Valves, Plumbers union between components).

Consent agreement:

I agree to read all instructions and warnings and operate my NGSC equipment in accordance with that guidance. I agree to watch the instructional videos on ngstillco.com/resources to properly familiarize myself on how to set up, break down and operate my equipment. I understand and agree that it is my responsibility to operate my equipment safely to avoid damaging the equipment and potentially causing injury to myself and others.