STILL SPIRITS

CREATE+

WATER FLOW REGULATOR

INSTRUCTIONS

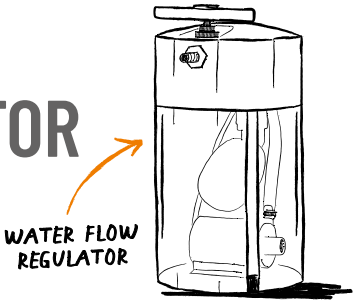
ANATOMY DIAGRAM

CREATE+ Water Flow Regulator

1. Water Flow Regulator with pump
2. Water Flow Regulator outlet barb
3. Locking nut
4. Flow control handle
5. Water Flow Regulator inlet
6. Push-fit connection (3/8" x 1/4" reducer)
7. 1.5m Inlet tube (LLDPE OD3/8")
8. Push-fit to thread adapter (3/8" x M22x1) with adapter seal
9. Drain hole
10. Power cable and adapter

ABOUT YOUR CREATE+ WATER FLOW REGULATOR

Designed to perfectly control the water flow of your T500 Distilling System. Follow our step by step instructions to produce high quality distillate.



Compatible with reflux distilling systems

The Create+ Water Flow Regulator is expertly designed for use with reflux cooling management (CM) systems. It provides a steady flow of water which is essential for CM reflux distilling systems to produce consistent high quality results. This device is ideal for use with T500 Distilling Systems.

Easy to use

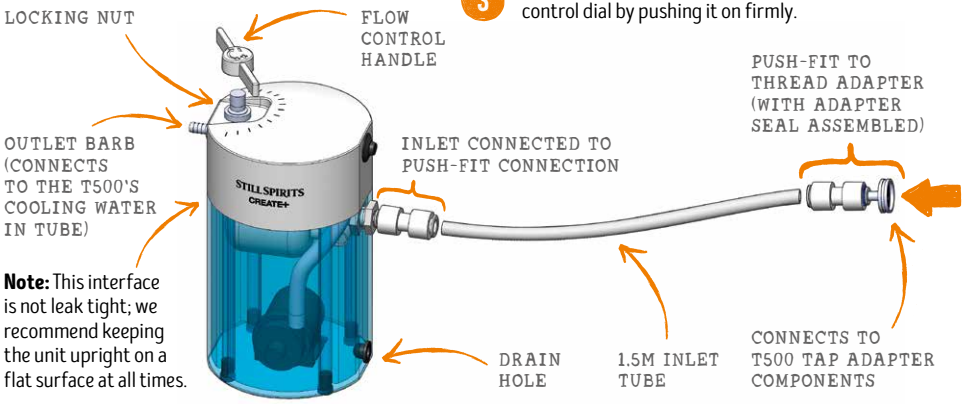
The Create+ Water Flow Regulator is designed for ease of use, ensuring a smooth and efficient distillation process.

With a simple setup, this device connects effortlessly to your tap, allowing you to fill its reservoir with water. The easy-use flow controller handle offers precise control over the water flow, ensuring consistent performance. Additionally, the built-in water pump supplies the distilling system with a steady flow of water, making it highly reliable. The integrated float valve automatically regulates the water level, maintaining optimal water volume and preventing overflow.

ASSEMBLY

The below assembly instructions are for use with the T500, where necessary please refer to your distillation system's instructions.

1. Connect one end of the inlet tube to your tap via the push-fit to thread adapter (including adapter seal) and the kitchen, laundry or garden hose attachments from the T500 tap adapter set. Then connect the other end of the inlet tube to the Water Flow Regulator inlet via the standalone push-fit connection. The larger hole (3/8") of the push-fit connection fits onto the inlet tube and the smaller hole (1/4") fits onto the inlet of the Water Flow Regulator. Make sure to firmly push the fittings and tube together until you hear a 'click' to ensure proper leak free connections. **Note:** The water pressure on the inlet side can reach as high as your mains water pressure.
2. Connect the cooling water in tube provided with your T500 Column & Condenser to the Water Flow Regulator outlet barb.
3. Assemble the flow control handle onto the flow control dial by pushing it on firmly.



OPERATING

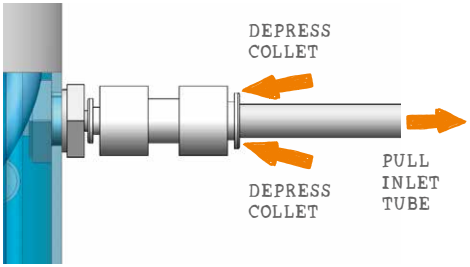
WARNING: When the Water Flow Regulator is off, do not leave the tap connected to your unit open for a prolonged time as this can cause excessive pressure build up in the inlet hose.

1. Always prime the pump before turning on the Water Flow Regulator. Do this by opening the tap to fill up the unit. The float valve will shut off automatically once it's full. **Note:** If you notice a leak at any of the connections, close the tap and check the push-fit connections are pushed in all the way. Open the tap back up to check if leaks are resolved.
2. Connect the power cable and adapter to turn the unit on and start pumping water through your T500. **Note:** For the Water Flow Regulator to maintain a constant flow rate, the tap needs to be sufficiently open to maintain a full water level in the unit. At any time, if you notice the water level decreasing open the tap up further. If the level decreases drastically, refer to 'Additional Information' to prevent issues related to a partial airlock in the pump.
3. Adjust the water flow rate as needed using the flow control handle: Anticlockwise to increase, clockwise to decrease. Wait until the temperature reading on the T500 stabilises before further adjusting the flow rate to prevent overshooting. **Note:** Some minor temperature variation of the still is normal throughout a distillation even with a constant cooling water flow rate. This can be due to several reasons such as varying ground water temperature or varying ambient temperature.

DISASSEMBLY AND STORAGE

Completing Distillation

Once your distillation is finished, turn off your boiler, then turn off your Water Flow Regulator and close the tap. We recommend permanently leaving the push-fit connection attached to the Water Flow Regulator inlet and the flow control handle assembled. For storage, only disconnect the inlet tube from the push-fit connections. This is as depicted in the assembly diagram. To disconnect push-fit connections, depress the fitting's collet using your fingers on one hand and pull the inlet tube using your other hand as shown on the right. **Note:** These fittings can be tight and may require some force to disconnect.



ADDITIONAL INFORMATION

Addressing Water Flow Variation

While the unit is operating, if the water level decreases to the height of the pump, the pump can draw in air resulting in a partial airlock. This can cause a decreased and/or variable flow rate. If you suspect a partial airlock, turn the unit off, close the tap and empty the unit via the drain hole. Prime the pump as per step 1 of the operating instructions then turn the unit back on to resume the distillation. To ensure the water level in the unit is maintained at full, make sure your tap is fully open.

General Operation

To prevent damage to the pump and unstable flow performance, do not turn the unit on without first filling it up fully. Although the flow controller comes with a locking nut, generally speaking it is not needed. If, however, you use it, note that the action of locking can actually cause a subtle change to the needle position and cause the flow rate to change slightly.

DISCLAIMER:

Please note that in certain countries alcohol distillation and the possession of distilling equipment is illegal and permits/licenses may be required. For guidance, contact your relevant local authorities. The below does not constitute legal advice.

In New Zealand, it is legal to distill your own spirits and liqueurs for personal consumption.

In Australia, USA & Canada it is illegal to distill alcohol for consumption or sale without the necessary permits and licenses from the relevant authorities.

In the UK, it is illegal to produce spirits without a distiller's license from HM Revenue & Customs.

BIOFUEL

Biofuel can be made using the same process as distilling spirits. Please contact your relevant local authorities for information specific to your region.

WARRANTY

The CREATE+ Water Flow Regulator is warranted against faults in material or workmanship under normal use and maintenance during the warranty period (36 months) from the date of purchase. To make a warranty claim, please contact the store where the product was purchased in the first instance. Proof of purchase will be required before you can make a claim under this warranty. This warranty does not cover the following situations (which is not exhaustive).

- Accident.
- Misuse or abuse, including failure to properly maintain or service.
- Normal wear and tear.
- Power surges, electrical storm damage or incorrect power supply.
- Incomplete or improper installation.
- Incorrect, improper or inappropriate operation and cleaning.
- Insect or vermin infestation.
- Exposure of the power cable and/or adapter to excessive water or outside weather conditions.
- Modifications not undertaken or commissioned by a Bevie approved third party.
- Any other operation outside the uses stated in the instruction manual.