



## 20/50 Liter Stainless Steel Essential Oil Distiller

### First time break-in of stainless steel stills:

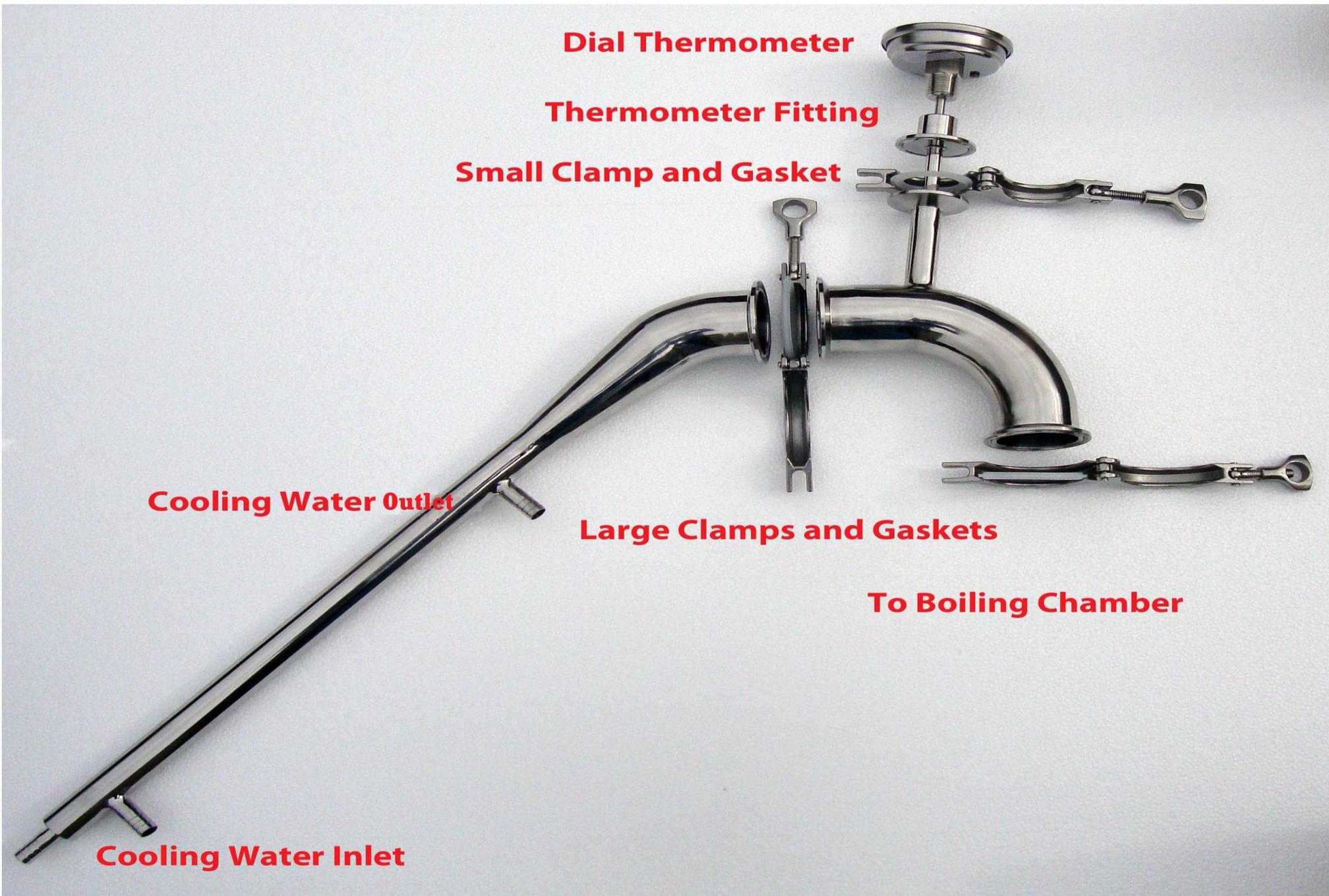
A quick cleaning with household vinegar is recommended. The vinegar acts as a degreaser and removes residual oils or buffing compounds used in manufacturing. It is good practice to do a trial run with just water before you distill your product. The steam generated will remove remaining residue in the condenser. A test run also gives you a chance become acquainted with the stills operating characteristics, to check for leaks and fine tune your heat source / cooling water supply.

### Instructions for use:

- Assemble the condenser assembly as shown in the photo. The joints in the condenser consist of machined surfaces, gaskets and clamps for an air-tight seal. Clamp the assembly to the lid of the boiling chamber.
- Fill the boiling chamber with water, up to the level of the bottom of the basket.
- Add plant material.
- Secure the lid and condenser assembly to the boiling chamber with the toggle clamps.
- Connect the condenser to a cooling water source. This will require a 3/8" diameter tubing, one at the inlet and one at the outlet to direct the water into a drain.
- Place the still over a heat source and bring the water to a boil.
- Turn on cooling water to the condenser.
- As the water boils it will begin to move through the condenser, cool, and emerge as liquid. This liquid will carry the essential oil from the plant material.
- The essential oil will float on top of the water, and may be separated with a separatory funnel, or skimmed of with a pipette.
- **ESSENTIAL OIL NOTES:** Most oil is extracted in the first 30 minutes of distillation. Some plants contain a higher percentage of essential oil than others. Lavender and peppermint are good plants for steam distillation. Rose contains very little essential oil. It is wise to research your plant material before you distill to avoid disappointment.

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