

VEVOR[®]

TOUGH TOOLS, HALF PRICE

Technical Support and E-Warranty Certificate www.vevor.com/support

ALCOHOL STILL

MODEL:NG-DF

We continue to be committed to provide you tools with competitive price.

"Save Half", "Half Price" or any other similar expressions used by us only represents an estimate of savings you might benefit from buying certain tools with us compared to the major top brands and does not necessarily mean to cover all categories of tools offered by us. You are kindly reminded to verify carefully when you are placing an order with us if you are actually saving half in comparison with the top major brands.

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NEED HELP? CONTACT US!

Have product questions? Need technical support? Please feel free to contact us:

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This is the original instruction, please read all manual instructions carefully before operating. VEVOR reserves a clear interpretation of our user manual. The appearance of the product shall be subject to the product you received. Please forgive us that we won't inform you again if there are any technology or software updates on our product.

	<p>Warning-To reduce the risk of injury, user must read instructions manual carefully.</p>
 	<p>CORRECT DISPOSAL OF Submersible PUMP</p> <p>This product is subject to the provision of European Directive 2012/19/EC. The symbol showing a wheelie bin crossed through indicates that the product requires separate refuse collection in the European Union. This applies to the product and all accessories marked with this symbol. Products marked as such may not be discarded with normal domestic waste, but must be taken to a collection point for recycling electrical and electronic devices</p>

Safety Instructions of the Submersible Pump

The manipulation and utilization of our pump are very simple and convenient. The user just need stop our a suitable height level of water and link the pump with the outlet water pipe and then connect the pump with power supply in accordance with the mark on the label(different country different standard). Thus, the pump can run well.

To reduce risk of electric shock

- Always unplug the pump from the electric outlet before cleaning and handling.
- Use with clean water only. Do not place it in any liquid. Never let the pump run dry.
- OPTION-The pump is supplied with ground in conductor and a grounding type attachment plug, and must be connected only to a proper ground outlet to reduce the risk of electric shock (Europe standard only).
- Do not use the pump in water above 90°F or 30°C.
- Prevent the water from running into the electrical outlet down the cord.
- Do not lift, carry, or pull the pump by the power cord.
- Do not replace the pump cord. Stop using the pump if it sustains damage (Option for pump with safe low voltage).
- Always use the transformer provided to run the water pump or consult with your electrician before other transformer is connected.
- Do not connect the transformer provided to other appliance.

- Always unplug the power transformer from the electrical outlet before any cleaning and handling.
- Indoor use only. Place the transformer away from fire, moisture & direct sunlight. (Option for pump with light).
- Do not immerse hot glass tube cover into water or pour water directly on glass tube surface when it is lighted.
- Glass tube cover is made of glass. It is fragile. Should handle with care during light installation & light bulb maintenance. Wear gloves to protect your hands from hurting if the glass is broken.
- The supply cord cannot be replaced. If the cord is damaged, the appliance should be scrapped.

To keep water clean

- Periodically change water to prevent water from becoming sticky and forming microorganisms.

Trouble Shooting

If the pump fails to run, the following should be checked:

- Check the circuit breaker, or try a different outlet to make sure that the pump is getting electrical power. NOTE-Always disconnect the pump from electrical outlet before checking.
- Check the pump discharge and tubing for kinks and obstructions.
- Algae buildup can be flushed out with a garden hose.
- Remove the pump filtering cover & pump chamber to access the impeller area. Turn the rotor to ensure it is not broken or jammed.

With little flow rate, the pump will spew or "burp":

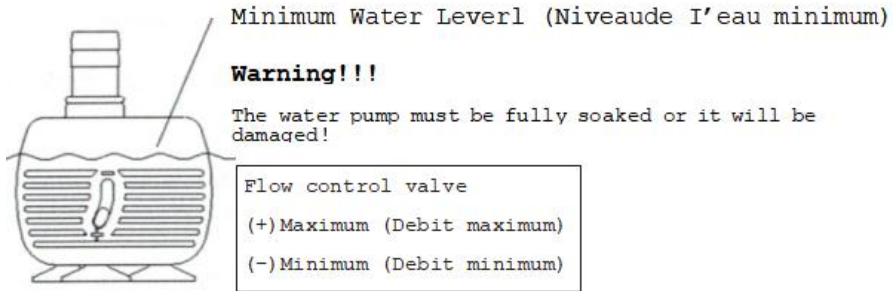
- Check the water level to make sure the pump is completely submerged.**

If abnormal noise is heard during operation (with water):

- First disconnect the power supply and then remove pump filtering cover & pump chamber.
- Use hand to grip the impeller, gently pull the impeller/rotor assembly out of the pump housing.
- Rinse the impeller/rotor assembly and the cavity with clean water. If breakage or surface damage is found on the assembly, contact your distributor for part replacement.

Warning III

The water pump must be fully soaked or it will be damaged!



FCC Information of the Submersible Pump

CAUTION:

Changes or modifications not expressly approved by the party responsible for compliance could void the user's authority to operate the equipment!

This device complies with Part 15 of the FCC Rules. Operation is subject to the following two conditions:

- 1) This product may cause harmful interference.
- 2) This product must accept any interference received, including interference that may cause undesired operation.

WARNING:

Changes or modifications to this product not expressly approved by the party responsible for compliance could void the user's authority to operate the product.

Note:

This product has been tested and found to comply with the limits for a Class B digital device pursuant to Part 15 of the FCC Rules, These limits are designed to provide reasonable protection against harmful interference in a residential installation.

This product generates, uses and can radiate radio frequency energy, and if not installed and used in accordance with the instructions, may cause harmful interference to radio communications. However, there is no guarantee that interference will not occur in a particular installation. If this product does cause harmful interference to radio or television reception, which can be determined by turning the product off and on, the user is encouraged to try to correct the

interference by one or more of the following measures.

- Reorient or relocate the receiving antenna.
- Increase the distance between the product and receiver.
- Connect the product to an outlet on a circuit different from that to which the receiver is connected.
- Consult the dealer or an experienced radio/TV technician for assistance.

How to Use

Distill liquor

1. Good and common rice is selected and steamed. The steamed rice is added according to the proportion of 500ggrain, 1kg water and 5g distiller's yeast, and stir evenly for liquid state fermentation.

2.The fermentation temperature is 20-25°C ,stir once a day, and ferment for 10-20 days.

3.The fermented grain is put in a matched filter bag, and the liquid produced during fermentation is poured into a bucket directly.Then,the bag containing grain is directly placed on a grate (to prevent the pot from pasting). Start to distill after installation, and the pre-prepared submerged pump is connected with power supply to perform cooling water circulation when there is hot gas in the liquor outlet.

Distill hydrolat

1. The petals or other plants you like are selected.

2.The petals are submerged with purified water3-5cm and immersed for 8 hours (only for dry petals).

3.The petals are taken out and put in a matched filter bag.Then,the filter bag containing the petals is placed on a grate, the soaked water is poured into a bucket, and start to distill after installation.

Distill brandy

1.Crush grapes, and add ingredients such as pectinase, yeast, fermentation promoter and tannin in proper order.

2.Add white sugar in the next day of fermentation, and generally separate peels

and residues after fermentation for 7-10 days.

3.Add bentonite into the separated wine for ageing and clarification.

4.The separated peels and residues are put in a filter bag, the bag is placed on a grate, water is added at the bottom of the bucket, and the distilled wine is brandy.

Ferment wine

1.Crush grapes, and add sulfur regulating tablets to prevent microbial contamination. 2.Add pectinase to decompose pectin and increase juice yield.

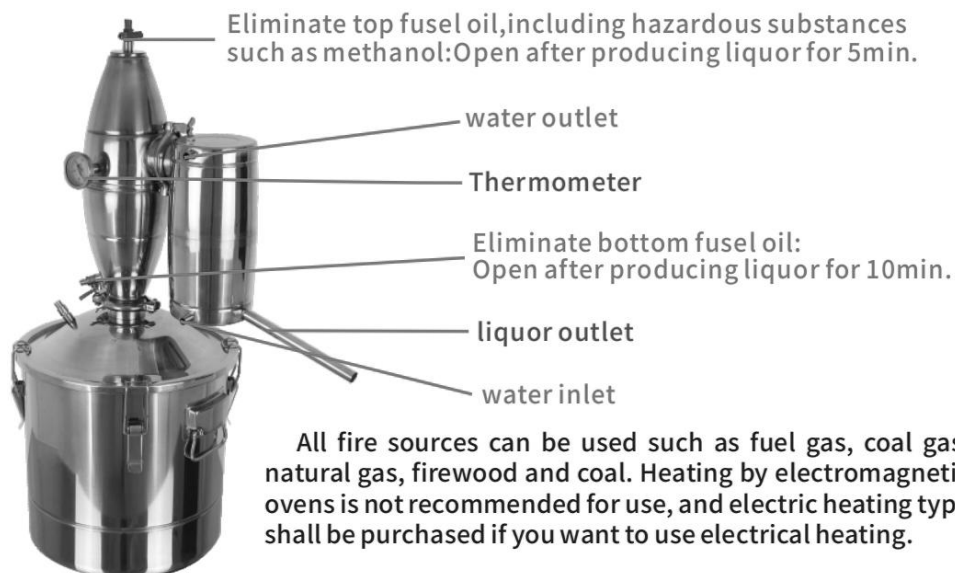
3.Add yeast, ferment for 7-10 days, and then filter.

4.Add bentonite for clarification after filtration, brew for about 1 month, and put the wine in a bottle.

5.Store the wine in a dark and cool environment after bottling.

[Model: NG-DF] “ The Orient”

“ Bouquet produced by fermentation and enhanced by distillation”,reveals that distillation is very important for liquor. The purpose of distillation is not only to volatilize, concentrate and extract alcohol and flavor components in mature fermented grains, but also to eliminate impurities and get finished liquor required.



Pipe connection diagram for tap water



If tap water is used for direct cooling, lower water flow can be controlled. Producing liquor temperature can be controlled by water flow to ensure that producing liquor temperature is close to cooling water temperature.

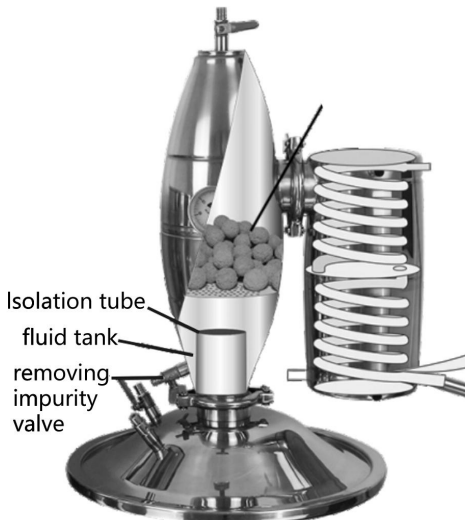
Pipe connection diagram for circulating water via a water pump



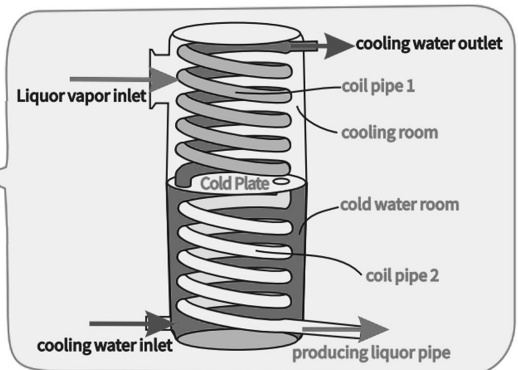
When circulating water is used, if water temperature exceeds 35°C, it is recommended to change water. The maximum temperature cannot be more than 40°C because producing liquor temperature is determined by entered cooling water temperature.

After double distilled effect, adsorb with ceramic balls first and then eliminate fusel oil.

1. Copper ion can be added to make aged liquor purer.
2. Ceramic balls can be added to filter vapor and make liquor better.
3. Enhancing bouquet ingredients can be added to make liquor more abundant.



Internal structure diagram for cooling



After vapor enters into a rectification tower, under the absorption of ceramic balls and the cooling of outside air of the rectification tower, most high temperature substances will liquefy together with water vapor and flow into a fluid tank. But hot vapor is always entering into an isolation tube upward, so the liquid in the fluid tank is always heated and distilled for the second time. Through double heating, the remaining component can be judged as fusel oil more accurately, which is eliminated with a removing impurity valve.

5 volume specifications of the fire type

(The following is reference data, and yield is mainly determined by fermentation, steaming liquor time and firepower)

Volume	Container size Diameter*Height	Feeding rice	Yield Different reference ABVs and grains have different yields	Steaming liquor time Reference time
20L	Diameter30*30cm	5kg	50ABV 3.5kg	1-2h
30L	Diameter35*35cm	7.5kg	50ABV 5kg	1-2h
50L	Diameter40*40cm	12.5kg	50ABV 9kg	2-3h
70L	Diameter45*45cm	17.5kg	50ABV 12.5kg	2-3h
100L	Diameter50*50cm	20kg	50ABV 17.5kg	2-3h

Oriental steamed wine brewing machine installation steps

Step 1: No. 15 is the charging bucket, put steaming sheet 14 into No. 15 bucket;

Step 2: The cone cover 13 is covered on the charging bucket 15;

Step 3: Install the exhaust valve 11 and valve 12 on the cone cover 13;

Step 4: The top of the conical cover 13 is linked to the bottom of the purifier 2, between which there is a gasket 9, and the link is tightened through the sleeve 10;

Step 5: The temperature meter 7 is installed in the middle of the purifier 2, the exhaust valve 8 is installed on the bottom side, and the exhaust valve 1

is installed on the top;

Step 6: The middle side interface of the purifier 2 is linked with the cooler 5, between which there is a gasket 4, and the link is tightened through the sleeve 3;

Step 7: Connect the bottom of cooler No. 5 to wine tube No. 6



It can be used as a professional fermenter for several purposes



- ① **Sealing piece:** sealing piece is used during fermentation.
- ② **Vent valve:** fermented gas is discharged.
- ③ **Thermometer:** fermentation temperature is monitored.

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