Taifun®

BT

User Manual

english

Important

Please read these instructions carefully, before using your Taifun® BT rebuildable tank atomizer. The manufacturer is not liable for damage caused by improper use.

General information

With the Taifun® BT you have purchased a high quality rebuildable tank atomizer, which has been designed exclusively for use with e-liquid.
Before use it is necessary to install a piece of mesh according to the instructions of this manual. Furthermore, it is required to fill the atomizer with e-liquid after setup. If you are having trouble installing the mesh, or if you have no previous experience with rebuildable atomizers, please contact your supplier or **www.smokerstore.de**.

After the attachment the mesh, the resistance should be measured. To do this, use a multimeter or a suitable battery device with resistance measurement. If a short circuit is detected, the atomizer must never be put into operation. Short circuits can cause damage to the battery device and/or batteries. In this case, check if the mesh is in contact with the base or the wall of the atomizer and replace it with a new piece of mesh.

Important notes on use and storage

The Taifun® BT is intended exclusively for use with fluids as required for e-cigarettes. The device can be used with both nicotine-containing and nicotine-free fluids.

The mesh develops very high temperatures (glowing) during use. Do not use the device without liquid.

Do not use the Taifun® BT in areas, which could be enriched with flammable gases, vapors or dusts. Risk of explosion!

Do not connect the device to additional or external voltages. Only connect the Taifun® BT to a voltage supply specified for atomizers.

This device is not a medical product!

Always keep the device out of the reach of children.

For all damages to persons and property which occur from inappropriate use, the liability is only subject to the operator.

The use of the Taifun® BT is at your own risk.

Warnings

This device is not intended for use by persons under the age of 18 years, pregnant or breast-feeding women, persons with cardiovascular disease, persons with respiratory illness, persons with allergies to the ingredients of the used liquids, and persons with limited comprehension. Keep the device away from this persons.

Recommendations

For the operation of the atomizer we recommend the use of the mesh included in the scope of delivery with a mesh width of 300.

We recommend using the Taifun® BT in the resistance range between 0.25 and 0.5 Ohm. The resistance depends on the surface and the mesh width of the used mesh.

Please note that the device can heat up during use. We recommend allowing the unit to return to its ambient temperature after use. Due to the large heating surface, we recommend firing the evaporator with at least 30 watts. For better results, higher power is required (from approx. 60 watts).

We recommend the use of a regulated mod with rechargeable batteries / cells, which are designed for appropriate amperage.

Three pieces of stainless steel rope are included in the delivery. These are 7x7 ropes with a diameter of 3 mm. These can generally remain permanently in the evaporator and do not have to be replaced.

All consumable materials can be purchased online at **www.smokerstore.de**, in all SmokerStore stores or in authorized e-cigarette stores.

Maintenance, cleaning and care

The Taifun® BT is made of high-quality materials and has been cleaned before delivery. Intensive cleaning is not necessary. Visible moisture residues result from the cleaning which has already taken place, or the pretreatment of the O-rings with glycerol. Already in the delivery state are several stainless steel ropes, installed in the tank. These can usually be used permanently. Replacement is not necessary when used properly.

If you wish to clean the device after long term use, it is usually sufficient to rinse all parts under warm water.

Please allow all parts to dry well after cleaning, before reassembling the device. We also recommend to moisten the o-rings with some liquid or glycerin before reassembling. This increases the durability of the o-rings and simplifies assembly. If an o-ring or an insulator is damaged, please replace it. The required spare parts are included in the scope of delivery and/or can be purchased at **www.smokerstore.de**, at all SmokerStore stores or at the authorized e-cigarette dealer.

Please use only original accessories from SmokerStore. SmokerStore does not warrant the use of components from other manufacturers.

Scope of delivery Taifun® BT

1 x Rebuildable atomizer Taifun® BT
1 x Info card for authenticity verification
1 x Drip Tip BT
1 x Sealing rings (spare parts)
3 x Stainless steel rope 7x7, 3mm Ø – length approx. 28 mm
1 x Gift box

Specifications

Diameter:	23,0 mm
Length:	62,5 mm
Weight:	approx. 66 g
Capayity:	approx. 5 ml
Material:	Stainless steel (1.4301), Borosilicate glass, POM

Insert the stainless steel wire

If the stainless steel wires are not installed, these must be inserted into the tank before the mesh is installed. For this purpose, they are pushed gently through the wicking holes of the evaporator cover with slight rotational movements.

The ends of the rope must stick out slightly above the deck, so that they get good contact with the cotton.

The pieces should have a length of approx. 28 mm.

Alternatively, rolled mesh (see photo), cotton, or cellulose fibers (e.g., Fiberfreaks Original Yarn) are also possible.

Installing the mesh

On the base are holding bolts, which are used to attach the mesh (in the plus and minus pole). The mesh must not be damaged, it must be attached in an arc and must not touch the surrounding metal parts (short-circuit danger).

A detailed guide to attaching the mesh can be found at the end of this manual.

Insert the holding bolts

When inserting the holding bolts, it is of great importance to ensure that the marking points in the direction of the mesh to be clamped. At this point, the holding bolt is a little narrower, so that it can be easily inserted into the pole.

Clamping the mesh

The mesh is clamped by the rotating movement of the holding bolts. It is important that a uniform and good contact is produced over the entire clamping surface between the poles and the mesh.
If it is not possible to apply sufficient force to rotate the holding bolts with your fingers (for example, if the mesh is too thick), you may also use a pair of pliers.

Installing the cotton

When installing the cotton, it is necessary to press the cotton with pressure. The cotton should not lie loosely on the wicks or between the mesh.

To do this, you can press the cotton with your finger or, if necessary, with a small screwdriver.

Regulating the airflow

The top cap has a total of 8 notches, which allow a 360 ° air supply. The openings can be opened or closed at the same time by twisting of the top cap in the tank cover.

Filling the tank

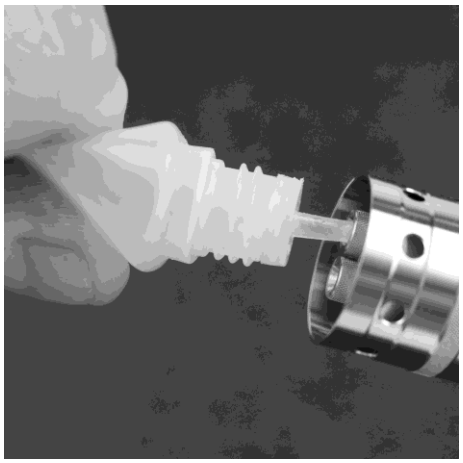
To fill the tank, first remove the top cap from the top.

The tank of the Taifun® BT is filled via the holes within the holding bolts. Due to the conical opening, various liquid bottles can be placed directly. Press on the liquid bottle to get the liquid into the tank. The air, which is still in the tank at this time, can escape through the hole in the second holding bolt.

The filling level can be seen through the sight glass in the tank cover.

As soon as the tank is filled, the top cap can be replaced again.

Emptying the tank



The tank can also be emptied easily via the filling opening (for example, when changing the liquid).

For this purpose, an empty liquid bottle is placed on the filling opening. Now press the bottle together.

Now turn the davice upside down and slowly reduce the pressure on the liquid bottle.

As a result, the liquid bottle expands again. The liquid contained in the tank is sucked out by the vacuum.

In the tank, dozens of air bubbles rise during the emptying process.

Repeat this process until the liquid is in the bottle and the tank is completely empty.

Now you can refill the tank.

Parts Taifun® BT

1 Tank base
2 Lower base plate
3 Glass tank
4 Tank cover
5 Upper base plate
6 Top cap
7 Holding bolt
8 Drip tip
9 Positive pole screw
10 3x O-Ring NBR 50 / 17 x 1,5 mm
11 1x O-Ring NBR 50 / 17 x 1,0 mm
12 2x O-Ring NBR 50 / 15 x 1,0 mm
13 1x O-Ring VMQ 70 / 5 x 1,0 mm
14 Insulators (Deck)
15 Insulator (Pluspol)

Assembly Taifun® BT

The o-ring [12] is attached to the tank base [1].

The o-ring must be evenly sit in the recess.

The second o-ring [12] is attached to the lower base plate [2].

Place the o-ring [12] in the recess provided for this purpose.

Now the glass tank [3] can be placed on the tank base [1].

Now the lower base plate [2] can be placed on the tank base [1].

The lower base plate [2] is now screwed to the tank base [1]. The glass tank [3] is now fixed.

The o-ring [12] seals the glass tank [2] and hold it in position.

In the next step, the insulators [13, 14] are placed on the lower base plate [2].

The insulators [13, 14] must be fully seated in / on the lower base [3].

Now the o-ring [11] is attached to the lower base plate [3].

Place the o-ring [11] in the recess provided for this purpose.

The upper base plate [5] can now be placed on the lower base plate [2].

The atomizer should now look like this.

The insulator [15] is then pushed onto the positive pole screw [9].

The wide end of the insulator [15] must point towards the screw head.

Assembly Taifun® BT

The positive pole screw [9] is pushed through the tank base [1]. Hold the upper base plate [5].

The positive pole screw [9] is now tightened. This fixes the upper base plate [5].

The o-ring [10] is now attached to the upper base plate [5].

Place the o-ring [10] in the recess provided for this purpose.

The holding bolts [7] can now be inserted into the poles.

At this point the mesh will be clamped.

Now the tank cover [4] can be attached.

The tank cover [4] is first put on ...

... and then screwed onto the tank base [1].

The deck should now look like this.

Now the o-rings [10] are attached to the top cap [6].

There are two recesses in the top cap [6] on the upper side.

The drip tip [8] is screwed into the top cap [4]. Alternatively, a 510 drip tip adapter (optional accessory) can be used.

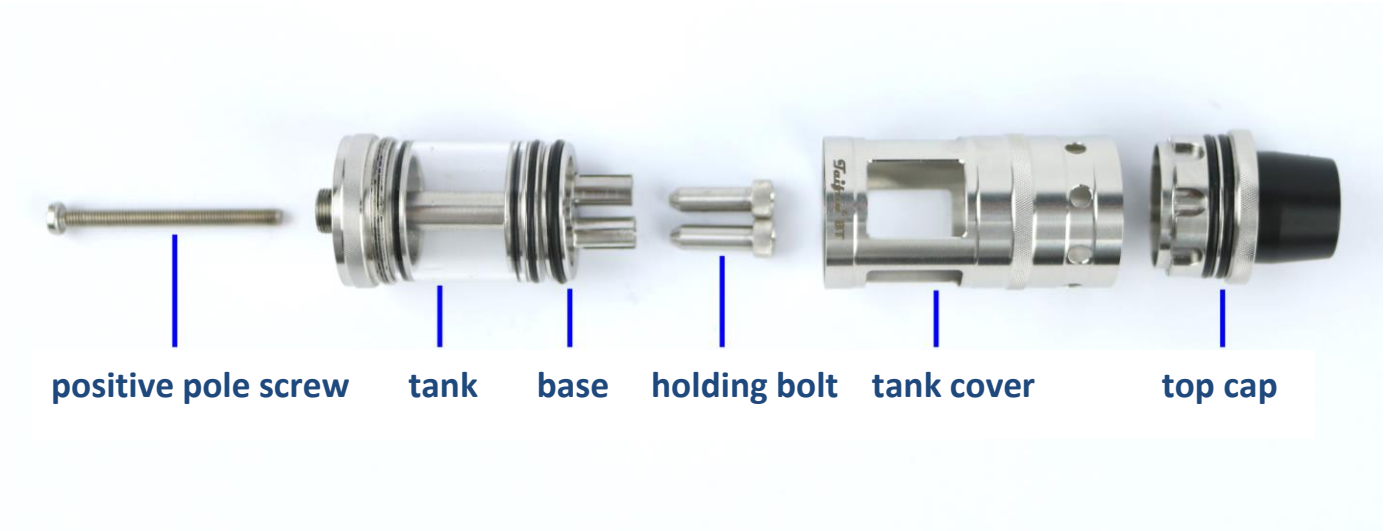
The top cap [4] is now assembled ...

... and can be placed on the device.

By rotating the top cap [4] the air flow can now be regulated.

It is recommended to wet the o-rings with liquid during assembly. This allows the individual parts to be screwed on and/or moved much better.

Replacing the tank



To dismantle the tank, the pole screw must be removed first

This loosens the upper base plate. The tank can now be unscrewed.

Edelstahlsiebgewebe (Mesh) anbringen

In the first step the tank cover has to be unscrewed. The three stainless steel ropes (supplied) are inserted into the tank.

In order to be able to install the mesh, the holding bolts must first be removed from the poles.

There are two slots in each pole. These are used to insert the mesh.

The mesh should have a maximum wide of 8 mm and a length of about 5 cm.
The mesh is placed through the slots of the first pole.

The holding bolts have a visible mark in the form of a notch on one side.

Carefully insert the holding bolts with the marking in the direction of the mesh. The mesh must not be kinked or damaged.

Rotate the holding bolt and lightly clamp the mesh.
The mesh should be horizontal.

Use the mesh to form an arc. The arc should not go beyond the edge of the pole. Insert the end of the mesh into the second pole.

Insert the second holding bolt with the marking in the direction of the mesh.

Turn the bolts on both sides in the indicated direction to clamp the mesh at the front.
Remove the excess mesh with a pair of scissors.

In a glow test the mesh strips should now glow evenly.
There shouldn't be any hot spots.

Cut a small piece of cotton (about 1x2 cm)

Place the cotton from above through the arch onto the deck.

Use a tweezers to gently spread the cotton over the deck. The mesh must not be damaged.

Fill the cotton completely into the recess of the deck. The recess must be completely sealed by the cotton.

Tip: Moisturize the cotton with liquid to make it easier to spread.

Prepare a piece of cotton (approx. 1x5 cm).

Roll the cotton to a plug.

Carefully push the plug from above into the mesh arch.
The mesh must not be moved or damaged.

Stuff the cotton into the mesh arch. The mesh must always be in contact with the cotton.

Moisten the cotton well with Liquid

Place the tank cover over the base and screw it on.

The view from above shows how the mesh strips should be.

It must not touch the outer wall.

The liquid is pressed into the tank with light pressure through the bolt. The air from the tank can escape through the opening in the second bolt.

Finally, put the top cap on the atomizer.

The air flow control can now be adjusted with slight rotational movements.

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