



vs dual stainless st. / vs dual PSU

Instruction manual



english

IMPORTANT!

Please carefully read this instruction manual before using your Flash-e-Vapor vs dual rebuildable atomizer.

The Flash-e-Vapor vs dual is a fiber evaporator where the user has to create his own coils.

It is optionally available with a connecting piece made of PSU (transparent) or stainless steel.

The service kit with O-rings, screws and winding material makes the set complete.

The evaporator consists of stainless steel and is manufactured and assembled entirely in Germany. All parts will be cleaned without leaving any residues prior to the delivery. The development of the Flash-e-Vapor focused on the functionality and the handling. Its design is characterised by functional gripping aids such as knurls and grooves. The tank is filled without the help of tools and without special vials or needles. Since the design of the Flash-e-Vapor allows it to create an unusually good flash, we recommend using e-liquids with a moderate nicotine content.

IMPORTANT!

Use only liquids (e-Liquids) that are intended exclusively for the use in e-cigarettes.

The Flash-e-Vapor vs dual is a rebuildable atomizer, which has been designed exclusively for the use with e-liquids.

Before use, it is necessary to create a coil from suitable resistance wire (e.g. Kanthal A or NiCr heating wire) as well as a suitable wick (Ortmann-Schnur, organic cotton (e.g. muji), silicate fiber) and to attach it according to the instruction manual (p.6) .

For the liquid supply from the tank, you must attach two wicks from the included cotton cord and cut them according to the instruction manual (p.7).

Once a new coil has been attached, it is important to measure the resistance of the coil, which should be between 1.0 — 2.5 Ohm. For this purpose, use a multimeter, a suitable battery mount with resistance measurement or an especially designed resistance meter from a specialist store for e-vaporizers.

Should you detect a short circuit, do not operate the evaporator under any circumstances. Short circuits may damage the battery mounts and/or batteries. In this case, correct the coil or create a new one!

IMPORTANT!

Use only suitable battery mounts from specialist e-evaporator stores for your Flash-e-Vapor vs dual. You should use only electronically controlled devices.

Scope of delivery Flash-e-Vapor vs dual - stainless steel / PSU

1x socket

1x evaporation chamber dual (airscrew 1.2mm, airscrew closed mounted)

1 x air duct

1x tank

1x connecting piece stainless steel / PSU (plastic)

1x tank bottom cap

2x airscrews (each 1x 1.1mm, 1.4mm), included in the accessories bag

1x original drip tip

1x accessories (0.5 m Ortmann fiber, 0.5 m 0.32 mm Kanthal A, 0.25 m cotton wick, 1x needle)

Unpack with care!

There are small parts in the packaging!

vs dual - stainless st.



vs dual - PSU



vs dual - stainless steel



vs dual - PSU



Technical data vs dual

Diameter:	17mm
Length (without drip tip):	56mm
Weight (empty):	40g
Capacity:	approx. 3ml
elec. threaded connection:	510 (adjustable)
Material:	Stainless steel
	PSU (Polyarylsulfone)
	POM (Polyoxymethylene)
	PEEK (Polyetheretherketone)

Cleaning - Flash-e-Vapor vs dual

The tank parts and the evaporation chamber of your Flash-e-Vapor vs dual can be cleaned in an ultrasonic bath.

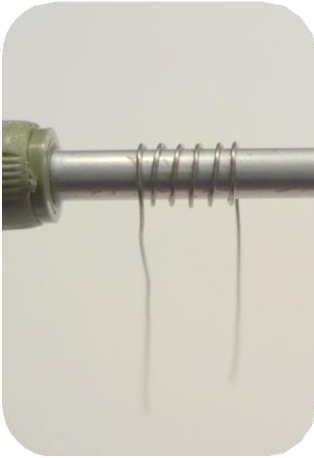
The socket is tightly screwed in place but should not be put into the ultrasonic bath in order to retain its tightness.

It is usually sufficient to clean the parts of the Flash-e-Vapor vs dual under warm running water using a brush (e.g. toothbrush) and some detergent.

Afterwards, rinse well under running water and dry all parts well.

In order to make the assembly easier and to increase the life of the O-rings, we would recommend moistening them with some liquid.

Creating and attaching a coil (example)



Picture 1:

Wind 6 coils with 0.32 Kanthal A wire using a winding tool with a 2.5mm diameter.



Picture 2:

Place the wire as shown underneath the two pole screws. Then carefully tighten them and remove the winding tool.



Picture 3:

Use a wire cutter or any other suitable tool to cut the projecting wire ends flush with the screw heads.



Picture 4:

Note: The distance between the upper edge of the coil and the bottom of the socket may not exceed 8.5mm as it would otherwise come into contact with the chamber bottom, which might result in a short circuit.



Picture 5:

Use a wire loop to pull a double Ortmann cord through the coil.



Picture 6:

Now cut the Ortmann cord flush with the outer edge of the socket bottom and moisten well with liquid. In order to absorb any excessive liquid from the socket bottom, we recommend placing one strand of the cord on the socket bottom to act as a wick.

The mentioned materials and wire thicknesses are only examples; other heating wires, different numbers of windings as well as larger/smaller diameters are also possible.

Caution!

**The coils get very hot during the operation!
Risk of burns when the coil is exposed!!**

Cutting and inserting wicks (cotton cord)



Wind the socket of your Flash-e-Vapor vs dual. Cut two wicks of approx. 10mm from the included cotton cord.



Attach the evaporator chamber to the socket. Make sure that the guide pin of the socket is inserted into the groove of the evaporator chamber. Now insert the two wicks into the wick holes of the evaporator chamber and press down with slight pressure until they rest on the wick.



Now cut the projecting part of your wicks flush with the evaporator chamber using a pair of scissors or a wire cutter. Moisten the wicks with a little bit of liquid to ensure the immediate functioning of the wicks. Screw the socket with the evaporator chamber to the filled tank.

Filling e-liquid



For the filling of the tank, the tank has to be turned upside down.

Maximum quantities for an empty tank:

- Flash-e-Vapor vs dual PSU: 3 ml
- Flash-e-Vaper vs dual stainless steel: 3 ml

It has to be ensured that the liquid is not filled above the upper edge of the air duct.

Now unscrew the tank while it is upside down.

Airscrews—draft resistance



By screwing in air screws of different sizes, the draft resistance or the air volume will be adjusted individually. The scope of delivery includes the following air screws:

Bore 1.1mm - strong draft resistance

Bore 1.2mm - medium draft resistance

Bore 1.4mm - light draft resistance

An air screw with a bore of 1.6 mm is available in our online shop.

Changing the connecting pieces



In order to change a connecting piece, unscrew the tank bottom tank cap counterclockwise from the installed connecting piece. Now unscrew the connecting piece counterclockwise from the tank top cap.



IMPORTANT!

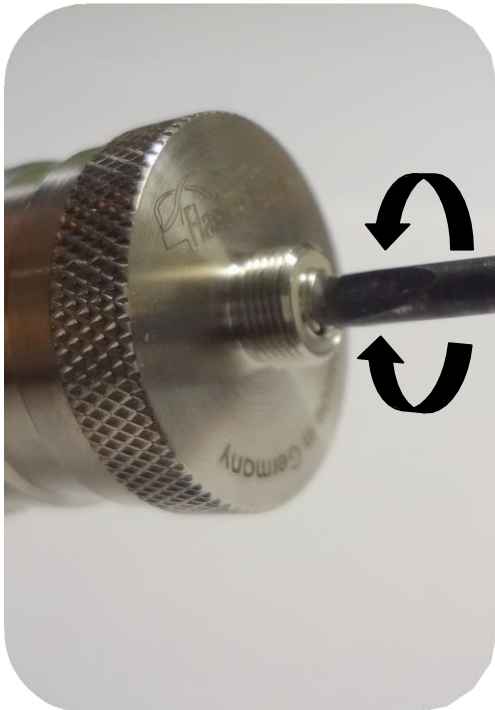
Make sure that the air duct is completely screwed into the tank top cap!



Screw the new connecting piece clockwise into the top tank cap.

Finally, the tank bottom cap will be screwed back clockwise to the replaced connecting piece.

Adjusting the plus pole



Some battery mounts may require you to adjust the plus pole to fit the evaporator connection. Use a suitable screwdriver to unscrew or screw in the plus pole screw in the 510 connection with a maximum of 1-2 rotations.

IMPORTANT!

During the operation of temperature-controlled Mods, the adjustable plus pole must be completely screwed into the 510 connection.

Otherwise, it might lead to a malfunction.

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www.flash-e-vapor.de