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EVOLV  
DNA 75C





## **SPECIFICA IONS**

- Dimensions: 36.3mm x 32mm x 90.5mm
- Material: Aluminum Alloy
- Chipset: DNA75C by Evolv
- Wattage Range: 1.0-75.0W
- Temperature Control Range: 200°F-600°F / 93°C – 316°C
- Replay feature
- Battery: Single 21700 High-drain Battery
- Display: 0.96" TFT Color Screen
- Charging: On-board 5V/1A Charging

## 1. DNA 75C Features:

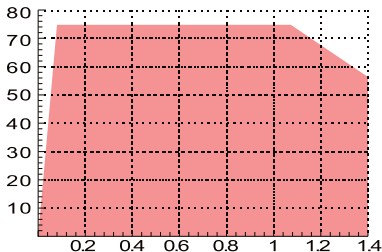
The DNA 75C is a power regulated digital switch-mode DC-DC converter for personal vaporizers.

It features Evolv's patented Wattage Control, Temperature Protection, Preheat, Full Color TFT Screen, Reverse Polarity Protection, onboard programmable multicolor LED, waterproof onboard buttons and a real-time clock. The USB port, Evolv's EWrite software and separate Theme Designer software can be used to fully customize all aspects of the interface or monitor the user experience.

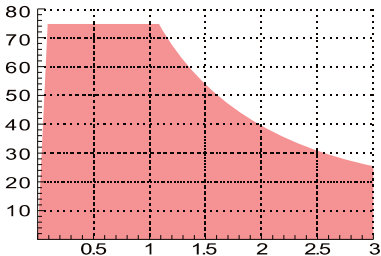
The DNA 75C features battery monitoring and integrated 1A charger.

The following graphs show the output power range of the DNA 75C as a function of the coil resistance.

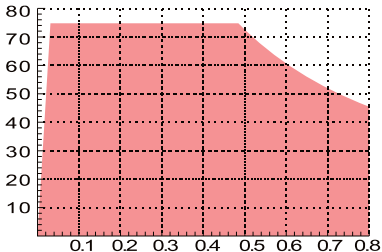
DNA 75C Kanthal Power



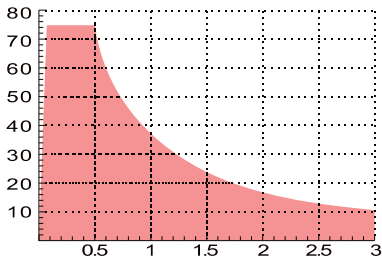
### DNA 75C Kanthal Power Extended



### DNA 75C Nickel Power



## DNA 75C Nickel Power Extended



## 2. ESCRIBE

Escribe is a software package used to configure, monitor and modify the operation of your DNA 75C. It installs on a Windows PC and connects to your DNA 75C using the USB port. Escribe has a separate manual and tutorials which can be found on Evolv's site. Users must go to the Escribe and update the latest firmware before using the device.

<http://www.evolvapor.com/>

<http://www.evolvapor.com/manuals/EScribeManual.pdf>

### 3. DISPLAY OF DNA 75C

#### Display

The DNA 75C has a full color 80 x 160 px TFT screen.



### 4. ERROR MESSAGES

The DNA 75C will indicate a variety of error states.

**Check Atomizer:** The DNA does not detect an atomizer, the atomizer has shorted out, or the atomizer resistance is incorrect for the power setting.

**Shorted:** The atomizer or wiring are short circuited.

**Weak Battery:** The battery needs to be charged, or a higher amp rated battery needs to be used. If this happens, the DNA 75C will continue to fire the atomizer, but will not be able to provide the desired wattage. The Weak Battery message will continue to display for a few seconds after the end of the puff.

**Check Battery:** The battery is deeply discharged and needs to be charged, or is damaged. If this happens, the DNA 75C will not fire the atomizer. The Check Battery message will continue to display for a few seconds after attempting to fire the device. User should remove and replace the battery.

**Temperature Protected:** The heating coil reached the maximum allowed temperature during the puff. If this happens, the DNA 75C will continue to fire, but will not be able to provide the desired wattage.

**Ohms Too High:** The resistance of the atomizer coil is too high for the current wattage setting. If this happens, the DNA 75C will continue to fire, but will not be able to provide the desired wattage. The Ohms Too High message will continue to display for a few seconds after the end of puff.

**Ohms Too Low:** The resistance of the atomizer coil is too low for the current wattage setting. If this happens, the DNA 75C will continue to fire, but will not be able to provide the desired wattage. The Ohms Too Low message will continue to display for a few seconds after the end of puff.

**Too Hot:** The DNA 75C has onboard temperature sensing. It will shut down and display this message if the internal board temperature becomes excessive.

## **5. BATTERY INSTALLING AND CHARGING**

### **Installing Battery:**

Ensure you use only high-drain battery for optimum performance and safety. Make sure the positive and negative ends are facing the correct directions.

### **External charging (Recommended):**

Remove battery from device. Follow charging instructions with using charger.



**Internal charging:**

The DNA 75C has a built in 1A USB charger. It automatically detects the type of USB power supply it is connected to, so it can be plugged into standard PC USB ports or higher power chargers.

**WARNING**

1. Please use all accessories as intended to avoid damage to your device.
2. When not using your device for a long period of time, please take out the batteries from the device.
3. Should damage occur, please do not attempt to repair by yourself. Use any available warranty, or contact a professional for repairs.
4. Please keep this product and accessories away from children.
5. This product is not to be used in any sexual manner.





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