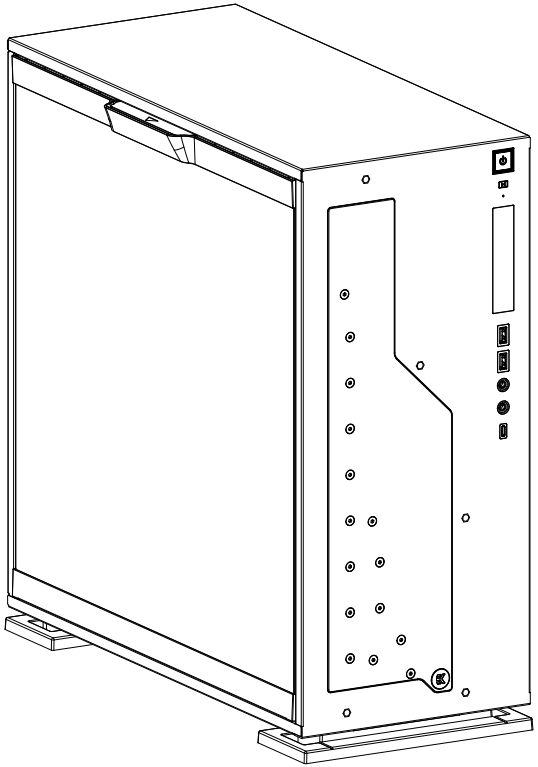
EK-Classic InWin 303EK – Black D-RGB



USER GUIDE

Before you start using this product please follow these basic guidelines:

Please carefully read the manual before beginning with the installation process!

The EK fittings require only a small amount of force to screw them firmly in place since the liquid seal is ensured by the rubber o-ring gaskets.

The use of corrosion inhibiting coolants is always recommended for any liquid cooling system. EKWB recommends any of the EKCryofuel for worry-free usage.

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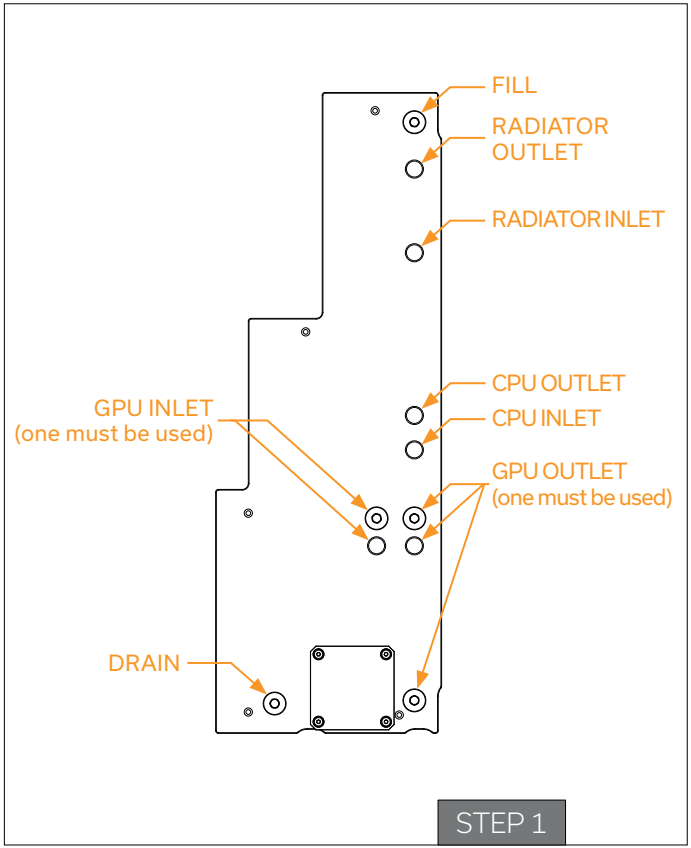
RECOMMENDED RESERVOIR CONFIGURATION



The EK-Classic InWin 303EK - Black D-RGB includes a pre-installed distribution plate that is equipped with an EK-DDC 3.2 PWM pump. Please, read this manual before installation. For details about the case, refer to the supplied InWin 303 manual.

ATTACHING THE FITTINGS

STEP 1

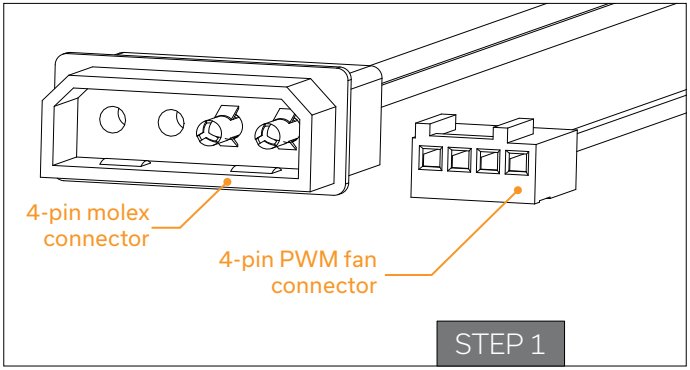
In order to complete your loop, all of the ports should be used as marked on the diagram. One port of each type must be used. In the eventuality that a GPU or CPU block is not installed into the system, the respective inlet and outlet still must be connected to each other.

To make the installation of the tubing with different motherboard configurations easier, there are multiple connection options for the GPU. One of the inlet and one of the outlet ports must be used.

All remaining and unused ports should be closed using the supplied plugs and a 6mm Allen key.

EK recommends EK Classic and EK-Torque series fittings.

CONNECTING THE PUMP

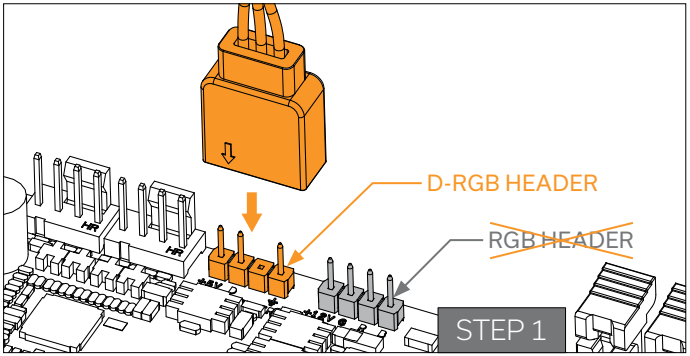


STEP 1
The EK-DDC 3.2 PWM has two connectors:

1. 4-pin Molex: It must be connected directly to your PSU at all times as it is used to power the pump.

2. 4-pin PWM fan: It can be connected to your motherboard's CPU_Fan or designated water pump header. It can also be connected to a controller. This cable is used to control and report the rotational speed of the pump. If it's not connected, the pump will run at maximum speed (100% PWM).

CONNECTING THE D-RGB LED STRIP



STEP 1
Connect the 3-pin D-RGB LED connector from the InWin 303EK case to the D-RGB header on the motherboard. The lights will work if the pin layout on the header is as follows: **+5V, Data, Empty, Ground**.

Please ensure that the arrow indicated on the connector is plugged into the +5V line, as indicated on your motherboard. If you connect LED to the 12V RGB header, it will damage the LED.

TESTING THE LOOP

To make sure the installation of EK components was successful, we recommend you perform a leak test for 24 hours.

When your loop is complete and filled with coolant, connect the pump to a PSU outside of your system. Do not connect power to any of the other components. Turn on the PSU and let the pump run continuously. It is normal for the coolant level to drop during this process as air collects in the reservoir.

Inspect all parts of the loop, and in the eventuality that coolant leaks, fix the issue and repeat the testing process. Ensure that all hardware is dry before the system is powered on in order to prevent any damage.

SUPPORT AND SERVICE

For assistance please contact:
http://support.ekwb.com/

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