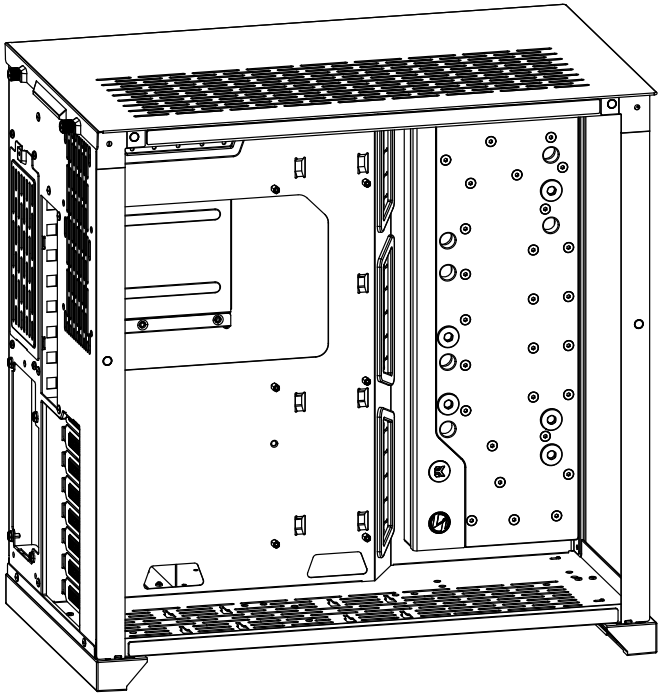
EK-Classic
DP Side PC-011D G1 D-RGB + DDC 4.2 PWM

DISTRIBUTION PLATE



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

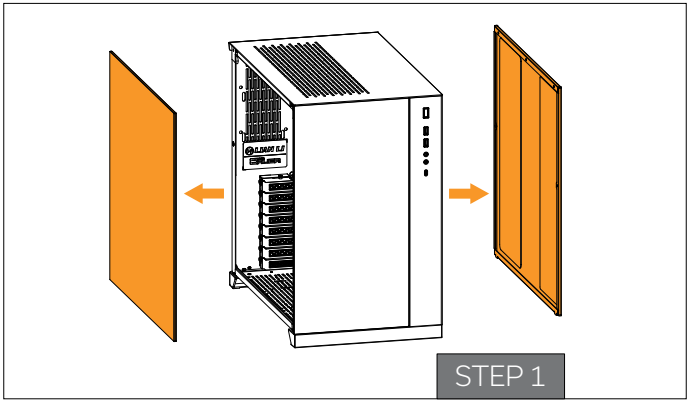
Please carefully read the manual before beginning with the installation process!

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.

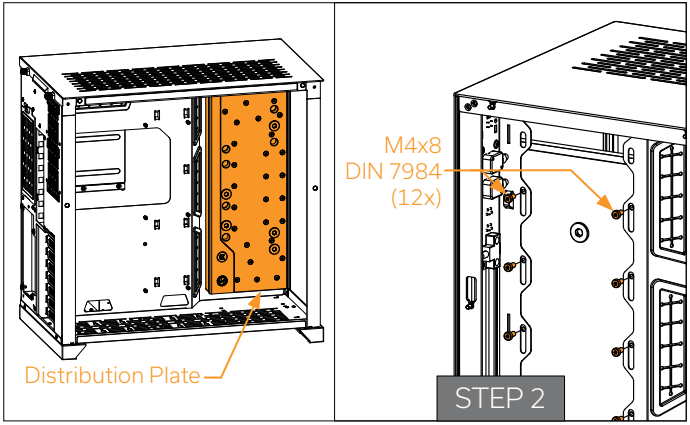
The use of corrosion inhibiting coolants is always recommended for any liquid cooling system. EKWB recommends any of the EKCryofuel for worry-free usage.

TABLE OF CONTENT

INSTALLING THE DISTRIBUTION PLATE ON THE PC

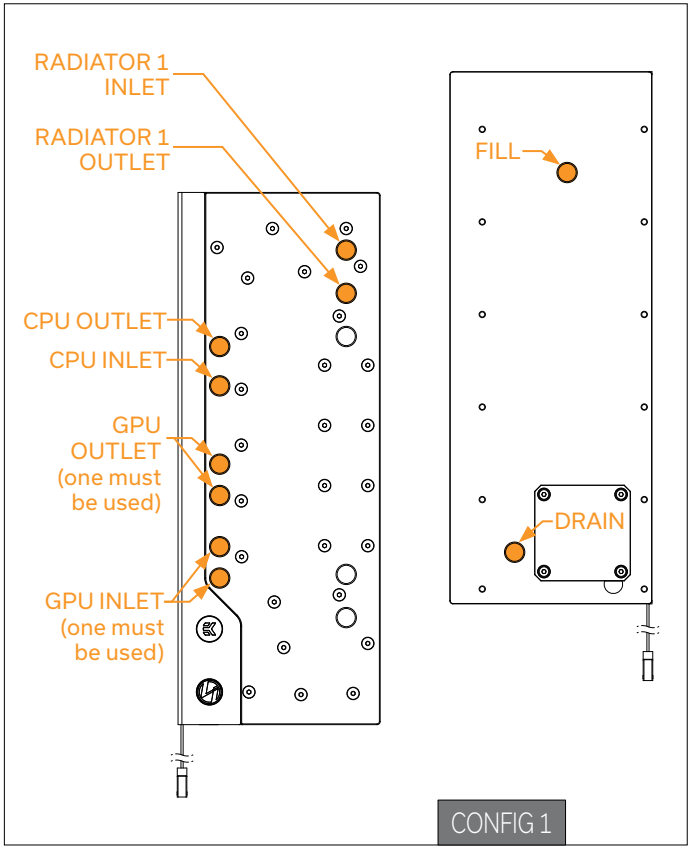


STEP 1
Remove both side panels from the PC case.



STEP 2
Place the distribution plate in the right position inside the PC case and install it with twelve M4x8 screws from the backside.

RECOMMENDED DISTRIBUTION PLATE CONFIGURATIONS



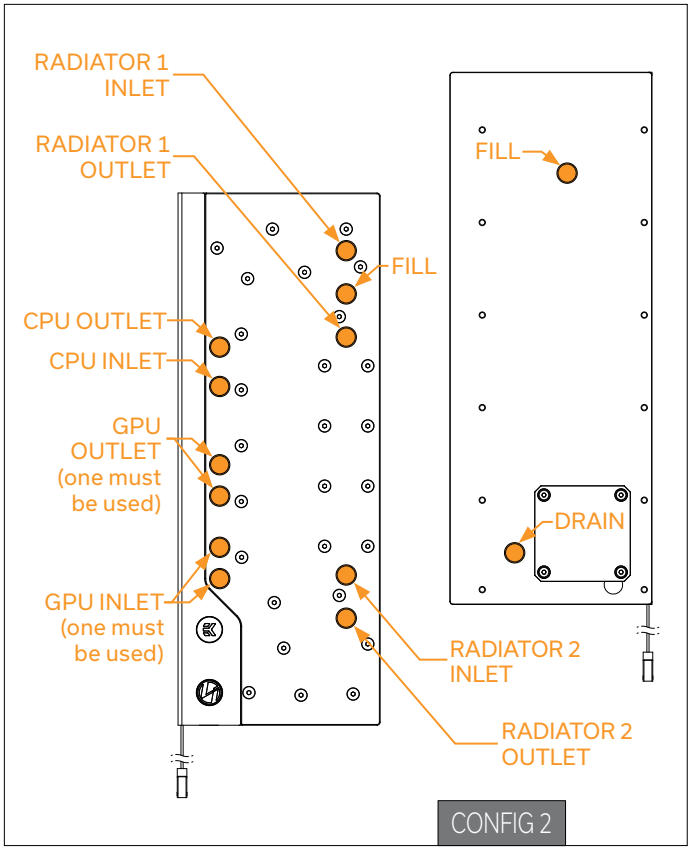
ATTACHING THE FITTINGS

In order to complete your loop, all of the ports should be used as marked on the diagrams.

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

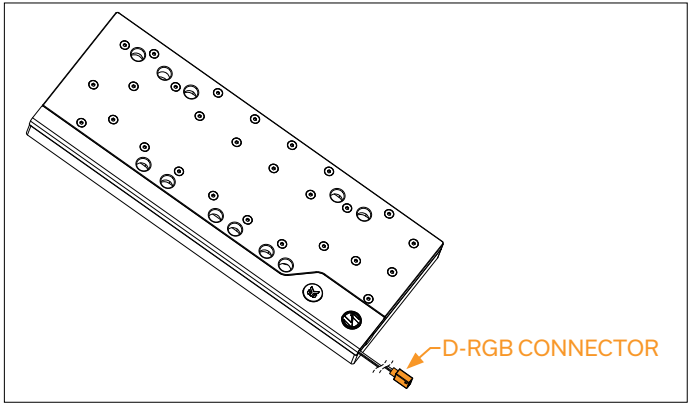
EK recommends EK Classic and EK-Torque series fittings.

CONFIG 1
Configuration with one radiator



CONFIG 2
Configuration with two radiators

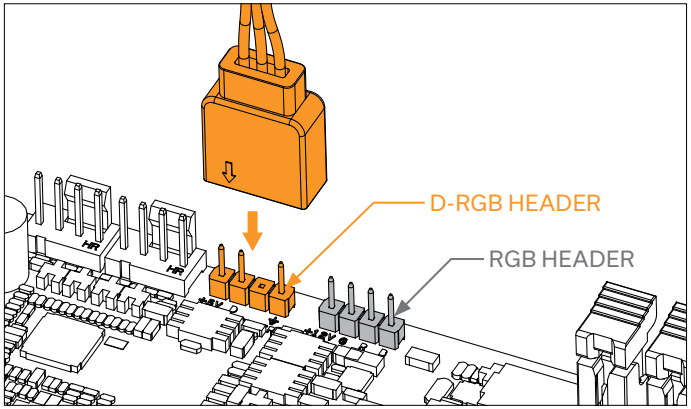
CONNECTING THE D-RGB LED STRIP



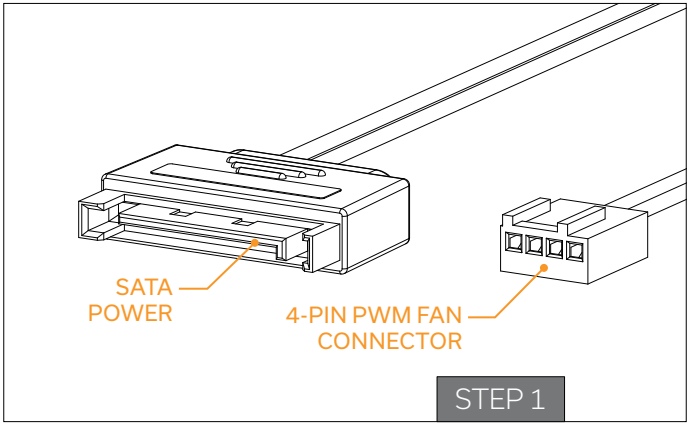
Plug the 3-pin connector of the distribution plate D-RGB LED light to the D-RGB HEADER on the motherboard. The LED will work if the pin layout on the header is as follows: +5V, Digital, Empty, Ground.

Please ensure that the arrow indicated on the connector is plugged into the +5V line as indicated on your motherboard. If you put LED Diode to the 12V RGB HEADER you can damage the LEDs.

Connector is the same on D-RGB and RGB versions, but D-RGB version has 3 cables from connector to PCB; RGB version has 4 cables. If you connect D-RGB led to ordinary RGB header you can damage your motherboard or LED strip.



CONNECTING THE PUMP



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

1. **SATA POWER:** 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).

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 distribution plate.

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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