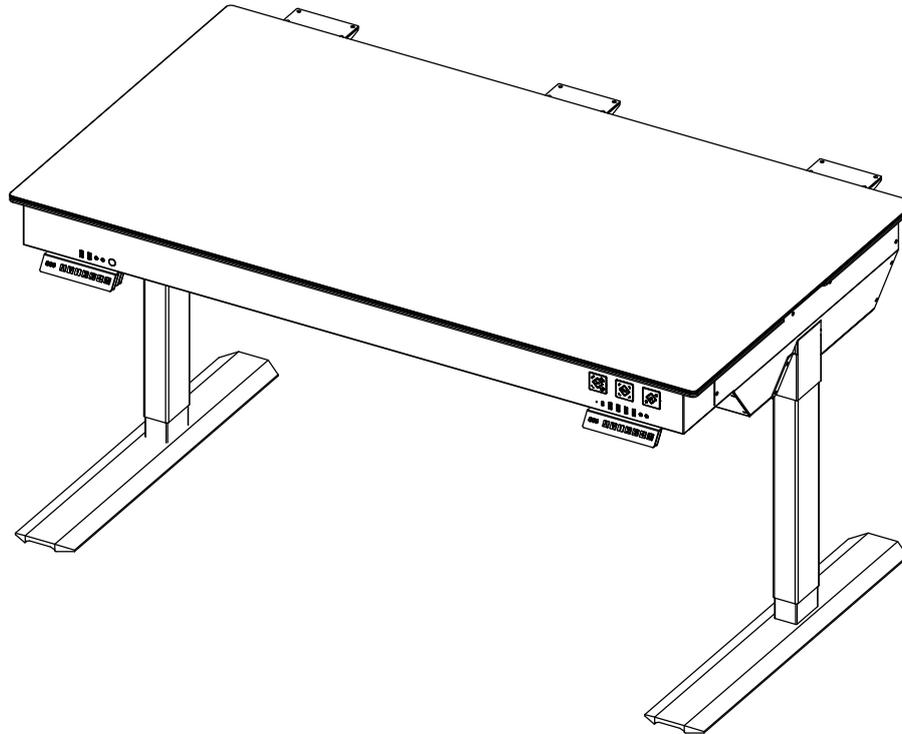


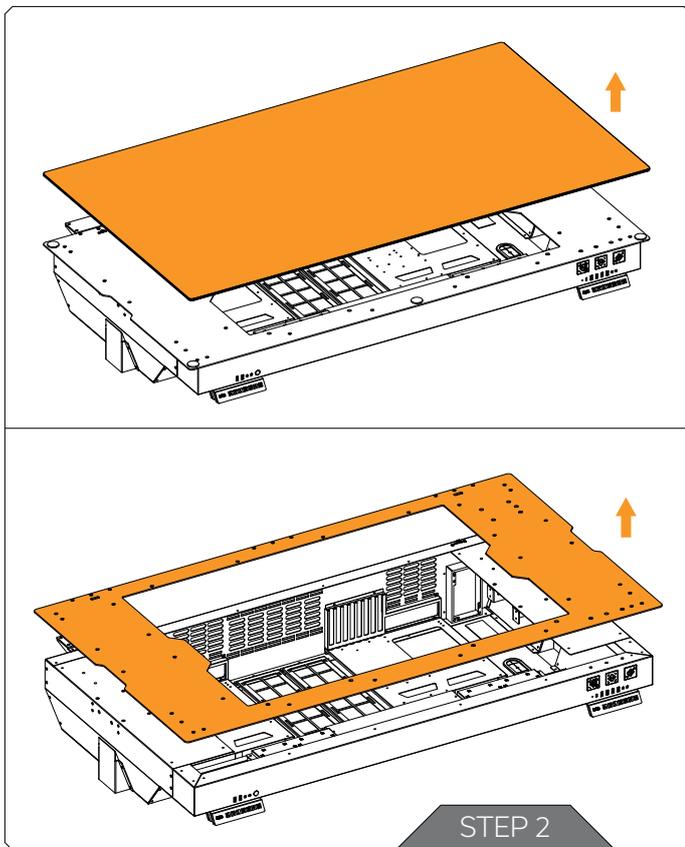
# EK-Quantum Reflection DK-05F Left/Right D-RGB



# TABLE OF CONTENTS

<b>PREPARING THE DESK</b>	<b>3</b>
<b>INSTALLING WATER COOLING COMPONENTS</b>	<b>4</b>
<b>RECOMMENDED CONFIGURATION</b>	<b>9</b>
<b>CONNECTING THE D-RGB LED STRIP</b>	<b>10</b>
<b>TESTING THE LOOP</b>	<b>10</b>
<b>SUPPORT AND SERVICE</b>	<b>11</b>
<b>SOCIAL MEDIA</b>	<b>11</b>

## PREPARING THE DESK



### STEP 1

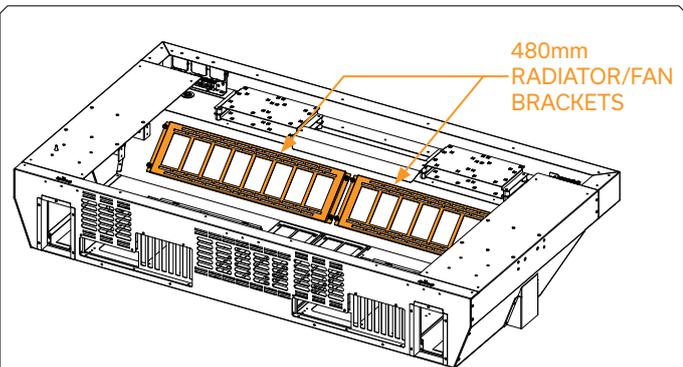
Carefully read the Lian Li DK-05F manual before installing water cooling parts.

### STEP 2

To install your EK components, you need to mount them when the desk is completely disassembled. In case your desk is brand new and still in its original package, open the box number 1 and remove the glass tabletop. After that, remove all the screws that attach the flat aluminum panel.

If the desk was already assembled, the legs must be removed. There are 21 screws on each leg, securing them in place.

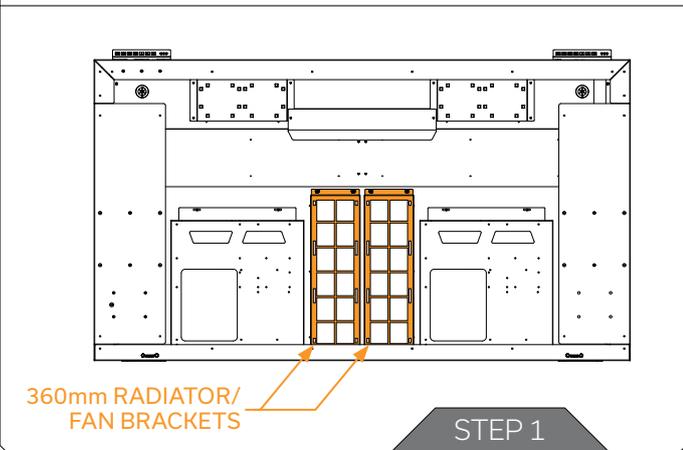
## INSTALLING WATER COOLING COMPONENTS

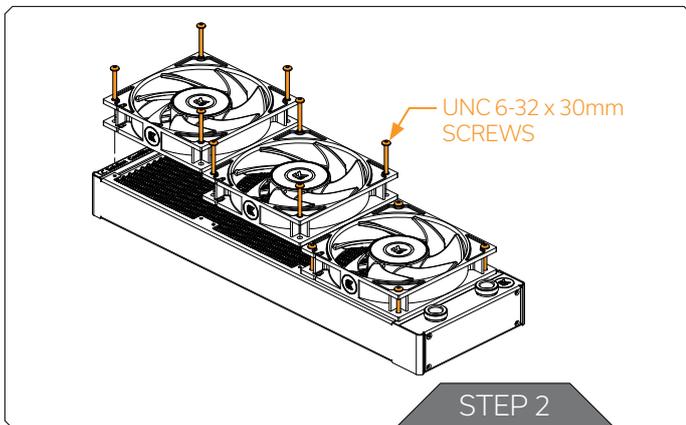


To install the radiators, all of the fan mounting brackets must be removed.

### STEP 1

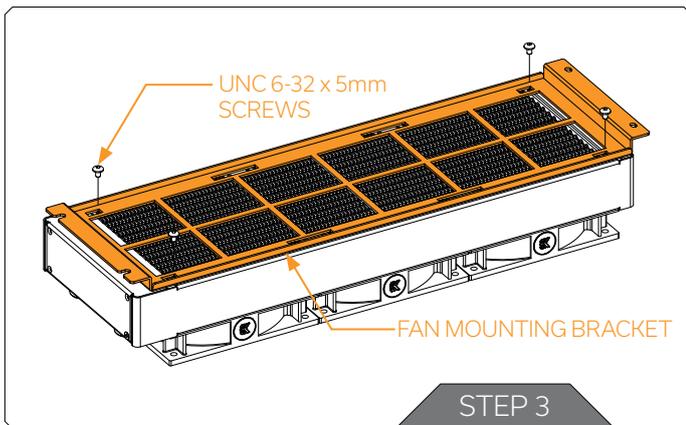
Remove the 360mm and 480mm bracket from the left or right side of the desk - depending on what corresponds to your EK-Quantum Reflection DK-05F product. There are two (2) thumb screws and two (2) locating screws per bracket.





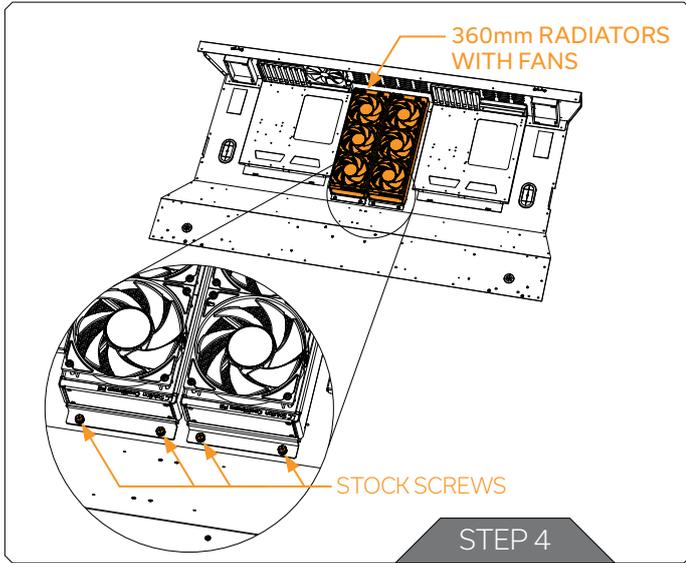
### STEP 2

Use four (4) UNC 6-32 x 30mm screws for each fan to secure them to the radiator. The fans should be placed on the same side as the ports.



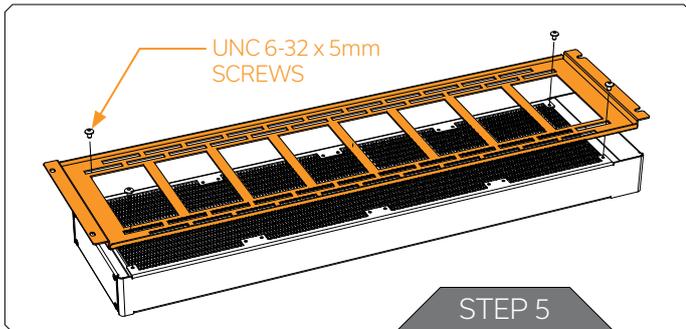
### STEP 3

Mount the fan bracket onto the other side of the radiator and secure it with UNC 6-32 x 5mm screws that are supplied with the radiator. Pay attention that slotted holes of the mounting bracket are underneath the ports, as shown in the picture.



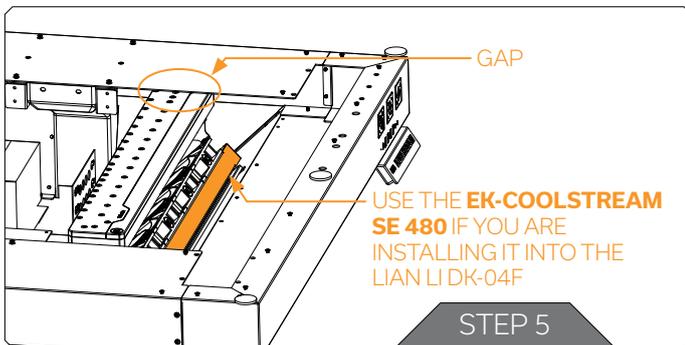
#### STEP 4

The two (2) locating screws should be installed at the rear end of the desk, allowing the radiator to be fitted with the ports at the rear. Carefully place the radiator inside and secure it with the two (2) thumb screws at the front.

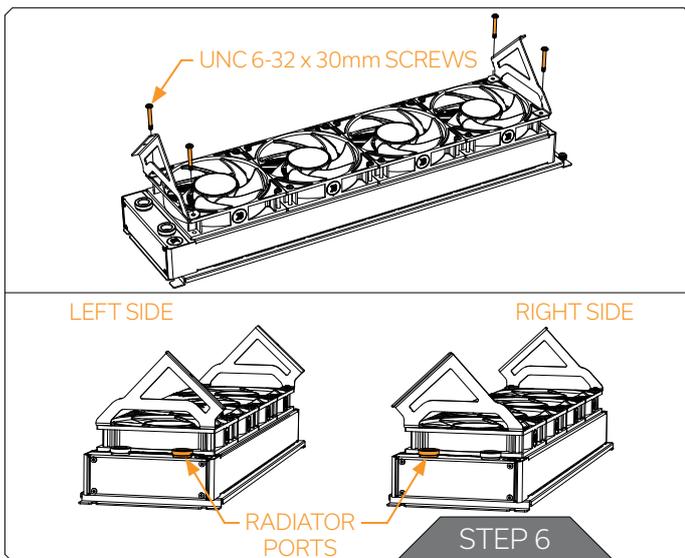


#### STEP 5

Install the 480mm mounting bracket to the back of the PE480 radiator and secure it with UNC 6-32 x 5mm screws. Pay attention that slotted holes of the mounting bracket are underneath the ports, as shown in the picture.

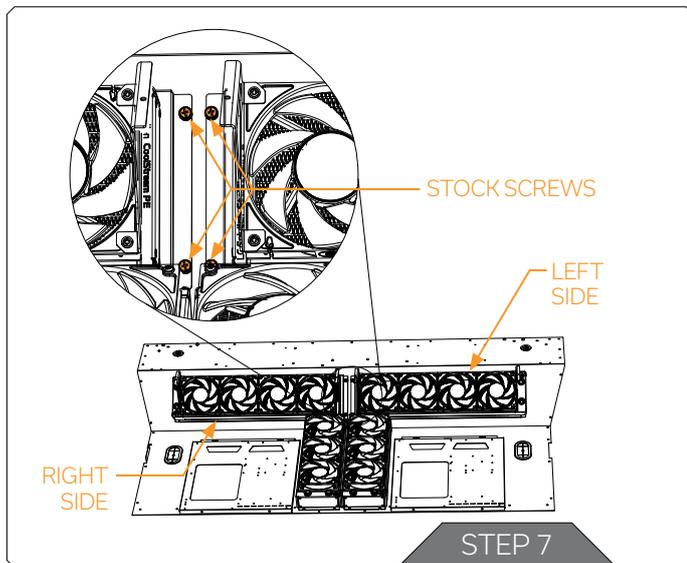


If you are going to install the **EK-Quantum Reflection DK-05F Right D-RGB - Plexi** into the **Lian Li DK-04F** desk, the thinner **EK-CoolStream SE 480** radiator must be used, otherwise there won't be enough of a gap between the desk cover and the distribution plate.



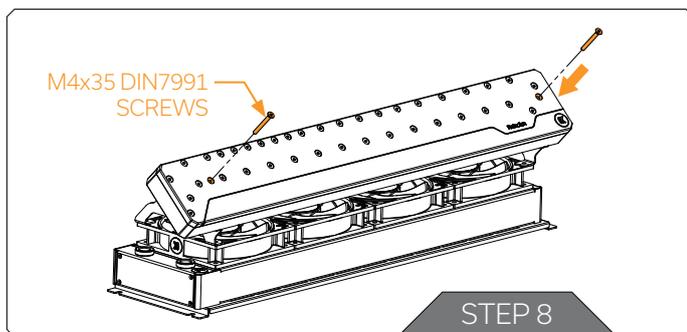
## STEP 6

Four (4) 25mm thick fans need to be used on the PE480 radiator to ensure perfect alignment. Secure the fans and mounting brackets using the UNC 6-32 x 30mm screws. The mounting brackets are positioned at the end of each radiator, with the folded element facing outwards. The radiator ports should be at the side of the desk, not the center.



### STEP 7

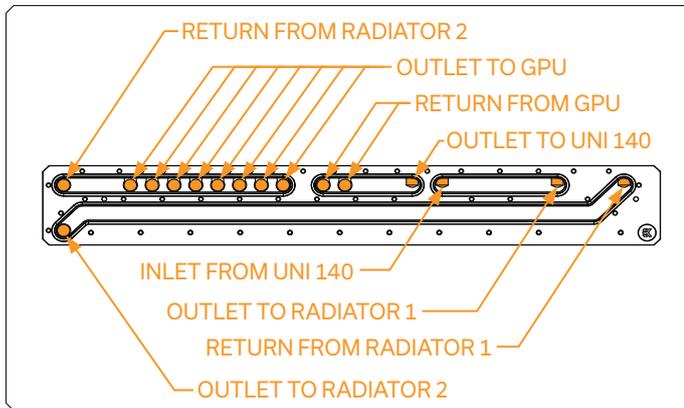
The two (2) locating screws should be installed at the sides of the desk in order for the radiator to be fitted with ports at the side. Carefully place the radiator inside and secure it with the two (2) thumb screws at the center.



### STEP 8

Place the distribution plate on top of the mounting brackets and secure it with the two (2) enclosed M4 X 35 DIN7991 screws. Use the two (2) open holes, as shown in the image.

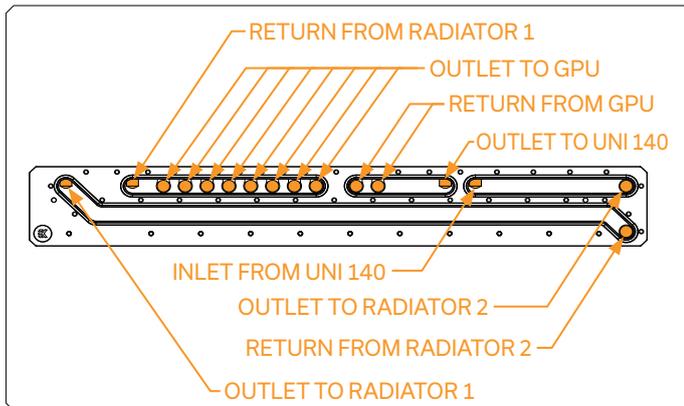
## RECOMMENDED CONFIGURATION



### Lian Li DK 05F - Left

Radiator 1: Up to XE 360mm

Radiator 2: Mandatory PE 480mm

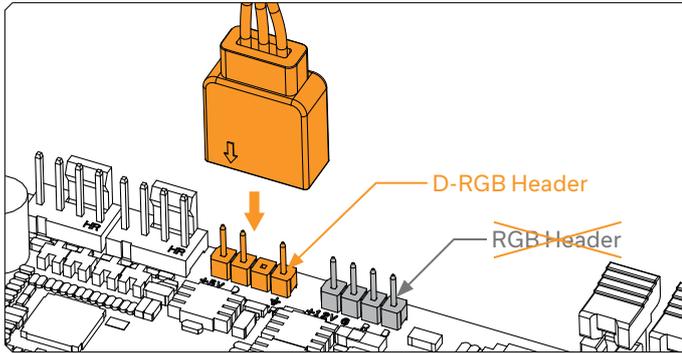


### Lian Li DK 05F - Right

Radiator 1: Up to XE 360mm

Radiator 2: Mandatory PE 480mm

## 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 LEDs will work if the pin layout on the header is as follows: **+5V, Data, Empty, Ground.**

## TESTING THE LOOP

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

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.

Inspect all parts of the loop, and in case the coolant leaks, fix the issue and repeat the testing process. To prevent possible damage, please ensure that all hardware is dry before the system is powered on.

## SUPPORT AND SERVICE

In case you need assistance, please contact:

<http://support.ekwb.com/>

EKWB d.o.o.  
Pod lipami 18  
1218 Komenda  
Slovenia - EU

## SOCIAL MEDIA

 EKWaterBlocks

 @EKWaterBlocks

 ekwaterblocks

 EKWBofficial

 ekwaterblocks

