EK-Classic Pump Reservoir 160/260 SPC PWM D-RGB

INSTALLATION AND MOUNTING MANUAL

This product is intended for installation by expert users only. Please consult with a qualified technician since improper installation may result in damage to the equipment. EK assumes no liability whatsoever, expressed or implied, for the use of these products, nor their installation. The following instructions are subject to change without notice. Please visit our website at www.ekwb.com for updates. Before the installation of this product, please read important notice, disclosure, and warranty conditions printed on the back of the box.

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

Carefully read the manual before beginning with the installation process.
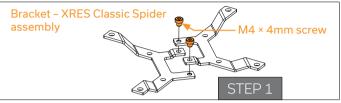
EK Fittings require only a small amount of force to screw them firmly in place since the liquid seal is ensured with the rubber O-ring gaskets.
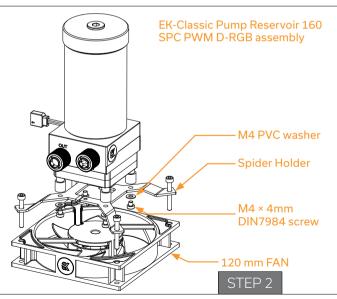
The use of quality market-proven corrosion-inhibiting coolants is always strongly advised for any liquid cooling system. For best results, EK recommends the use of EK-CryoFuel Coolants.

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INSTALLING THE ASSEMBLY USING THE ENCLOSED BRACKET (Bracket - XRES Classic Spider)

Bracket – XRES Classic Spider assembly

M4 × 4mm screw

STEP 1

EK-Classic Pump Reservoir 160 SPC PWM D-RGB assembly

M4 PVC washer

Spider Holder

M4 × 4mm DIN7984 screw

120 mm FAN

STEP 2

OPTION 1

If you have the option to mount the assembly on a 120mm fan or 120mm fan mounting holes, EK recommends the enclosed spider mount - **Bracket – XRES Classic Spider**.
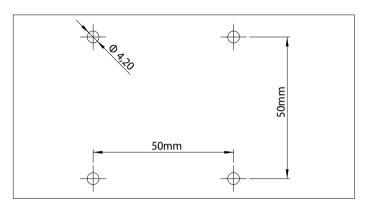
STEP 1
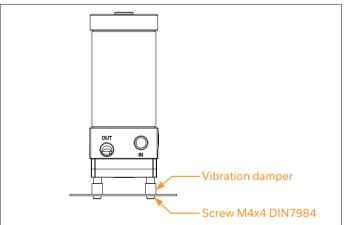Use the enclosed M4 x 4mm screws to attach two brackets together, as shown in the picture.

STEP 2
For mounting the Bracket – XRES Classic Spider to the 120mm fan mounting holes, you can use the following:
1. self-tapping screws that are usually supplied with fans to screw the holder directly to the fan;
2. 30mm long screws that are supplied with radiators to screw the holder to the radiator through a 120mm fan;
3. 5mm long screws, usually supplied with radiators to screw the holder directly to the radiator;
4. M4 × 6mm screws with M4 nuts and washers that are supplied with the Spider Holder to mount the holder to 120mm fan mounting holes on the chassis.

INSTALLING THE ASSEMBLY

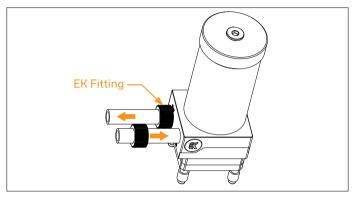Ø 4.20

50mm

50mm

OUT
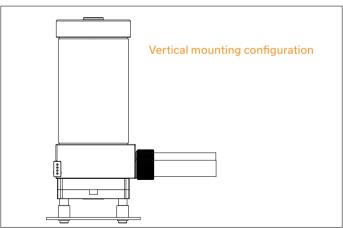
IN

Vibration damper

Screw M4x4 DIN7984

OPTION 2

The assembly can be mounted on any flat surface inside your computer chassis. You should drill four (4) 4.2mm holes using a power drill in a 50x50mm square pattern.

Please follow these steps:
1. Screw on Vibration Dampers on Custom SPC Screws;
2. Drill four (4) 4.2mm holes into the chassis;
3. Use the enclosed M4×4mm screws to secure the pump to the chassis.
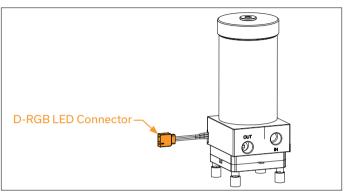
ATTACHING THE FITTINGS

EK Fitting

EK-Classic Pump Reservoir 160/260 SPC PWM D-RGB series combo units feature two (2) G1/4 threaded openings on the main body - the INLET and OUTLET, with the first marked 'IN' and the latter marked 'OUT.' EK recommends using EK-ACF fittings with the EK-XRES SPC series reservoir-pump combo units. If you go for barbed fittings, please use hose clamps or an appropriate substitute to secure the tubing.
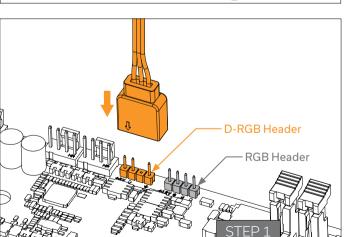
It is mandatory to use the correct INLET and OUTLET ports!
1. The OUTLET (pressure) port has 'OUT' engraved on the pump-top housing.
2. The INLET (suction) ports are marked 'IN' on the EK-XRES SPC front face plane.
3. Make sure not to use fittings or barbs longer than 6mm with G1/4 threads! All EK fittings are compatible. We advise you to use the appropriate Allen key for installation.

This water pump and EK-XRES SPC reservoir combo can be used in vertical mounting configuration (position) only! Mounting the pump upside-down may result in the pump running dry and eventually lead to its premature failure!

Vertical mounting configuration

CONNECTING THE D-RGB LED STRIP

D-RGB LED Connector

STEP 1
Plug the 3-pin D-RGB connector from your GPU Water Block into a D-RGB header on your motherboard or controller. The LED Strip will only work if the pin layout on the header is as follows: **+5V, Data, Empty, Ground.**

⚠ Incorrect installation or incorrect choice of a header may result in damage to the LED Strip or the header itself.

D-RGB Header

RGB Header

STEP 1

SUPPORT AND SERVICE

In case you need assistance, please contact:
http://support.ekwb.com/

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