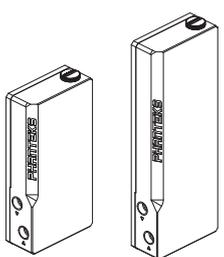
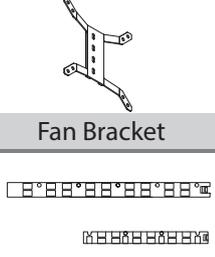
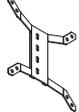


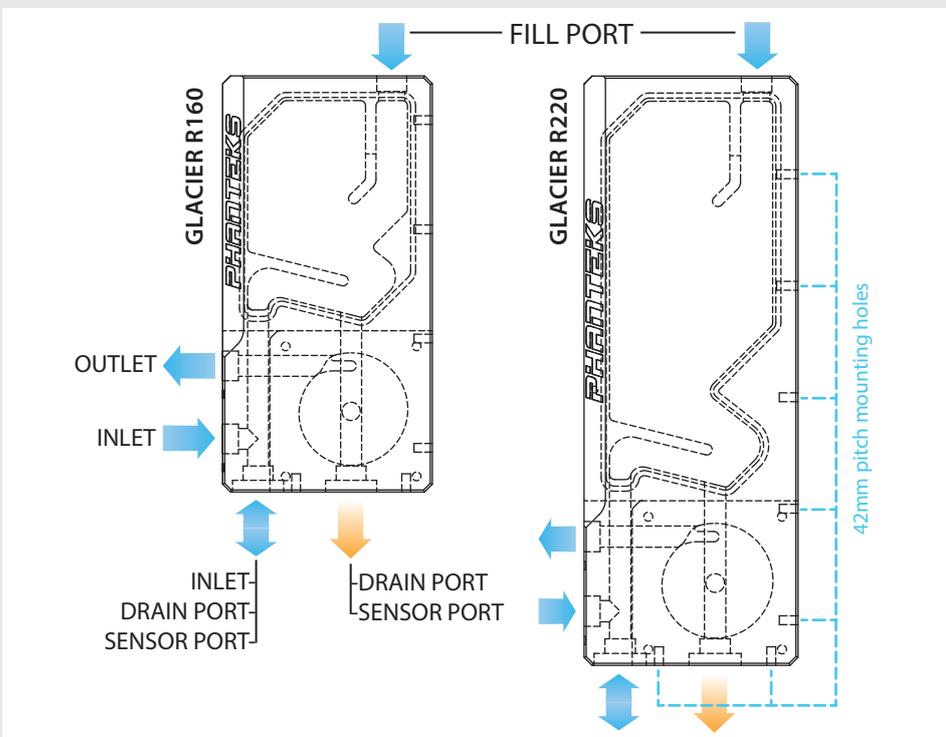
## PACKAGE CONTENTS

 <p>R160C or R220C</p>	 <p>160/220 D-RGB strip</p>	 <p>3x Stop Fitting (pre-installed)</p>	 <p>4x Fan Screws</p>	
		 <p>Fan Bracket</p>	 <p>4x M4x25 Pump Screws</p>	 <p>3mm Allen Key</p>
		 <p>2x M4x10 Bracket Screws</p>	 <p>D-RGB cable</p>	
		 <p>2x M4x6 LED-strip Screws</p>	 <p>D-RGB Motherboard cable</p>	

**⚠️ DISCLAIMER** - This product is intended for advanced users. Please consult with a qualified technician for installation. Phanteks assumes no liability for any damages occurring as a result of using Phanteks cooling products.

**⚠️ WARNING** - Power down the system before installation.  
 - Do not disassemble the reservoir. Warranty will be voided.  
 - Perform a leak test before turning on the system.  
 - Check our website for the latest installation guide.

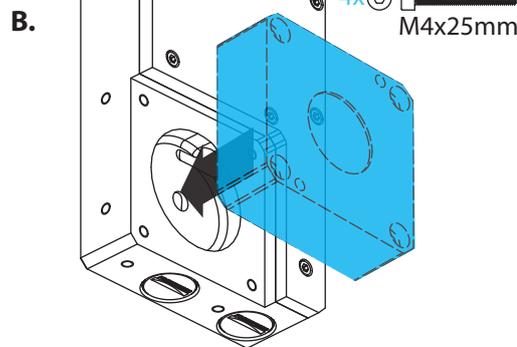
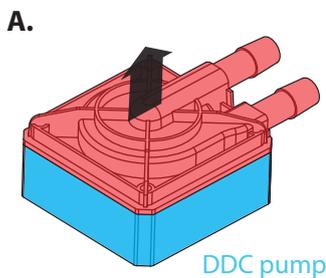
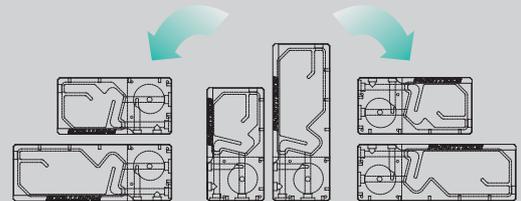
## INSTALLATION



### STEP 1. OVERVIEW

The R160C/R220C is equipped with multiple ports to allow for more flexibility. Please plan your water loop before proceeding with installation.

 The R160C/R220C can be used in 3 orientations:

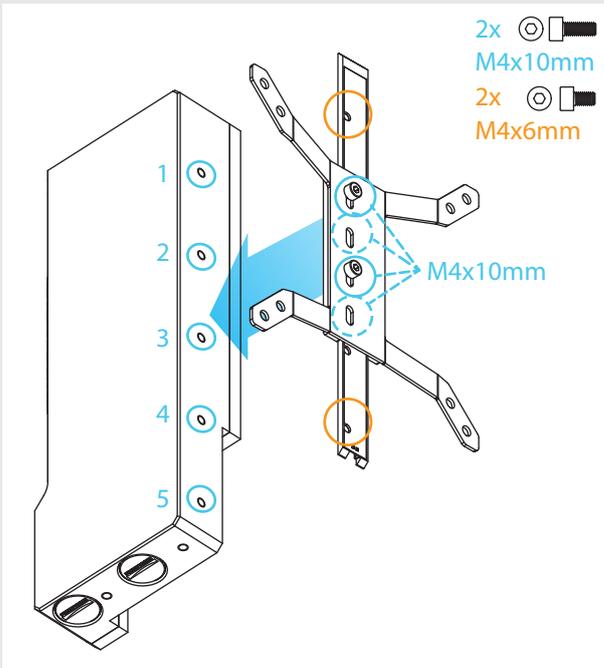


### STEP 2. INSTALL DDC PUMP

- A.** Remove the original DDC pump top.
- B.** Install the DDC pump using the M4x25mm screws and the original O-ring.

**⚠️** Make sure the DDC pump is mounted correctly and no cables are pinched.

 Tighten the pump screws evenly in a diagonal pattern for an even pressure.

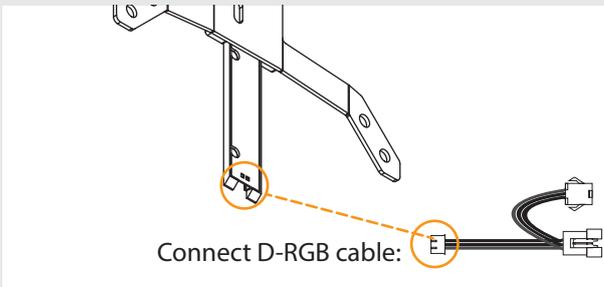


## STEP 3. INSTALL LED-STRIP AND BRACKET

1. Choose the desired mounting alignment on your reservoir.
2. Place the LED-strip on the bracket with the LED's facing the reservoir.
3. Use two M4x10 Bracket screws to secure the bracket to the reservoir.
4. **Optional:** use two M4x6mm screws to secure the LED-strip.



Adjust the vertical position of the bracket to find the perfect position in your system. Both the bracket and the reservoir has multiple mounting holes to move the position up and down.



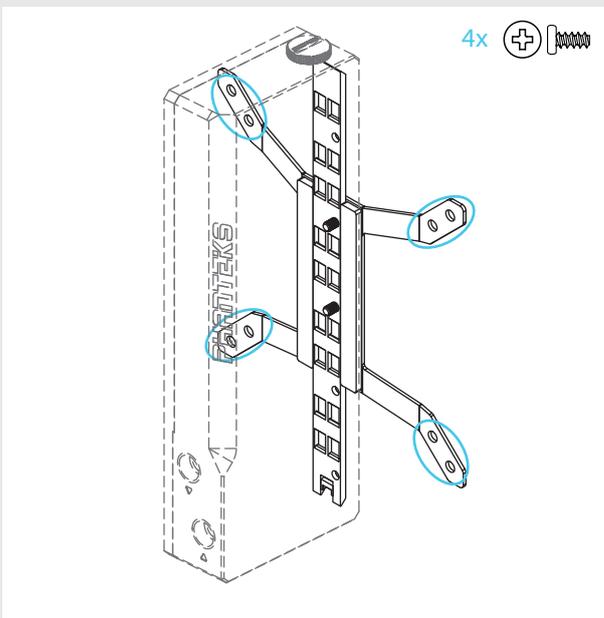
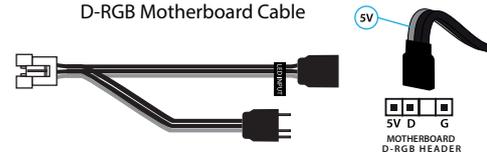
## STEP 4. CONNECT D-RGB LIGHTING

Connect D-RGB LED-strip to D-RGB motherboard and Phanteks products:

Daisy chain Phanteks D-RGB products



D-RGB Motherboard Cable



## STEP 5. MOUNT ON FAN

The bracket can be mounted directly to a 120 or 140mm fan with the four included Fan Screws.



Thanks to the 42mm pitch mounting holes you can install the reservoir on many pump brackets such as the "Universal Pump Bracket" from Phanteks. It is included with many Phanteks cases and available separately.

## STEP 6. POWER ON

- Make sure all connectors and fittings are tightened.
- Connect the pump to a power source.
- Fill the reservoir and let the pump run until all air is released.



Let the pump run for multiple hours. Tilting the system can help to release air bubbles.



For optimal performance please check the following:

- Make sure the pump never runs dry.
- Close any unused ports with Stop Fittings.
- Always perform a leak test before turning on the system.