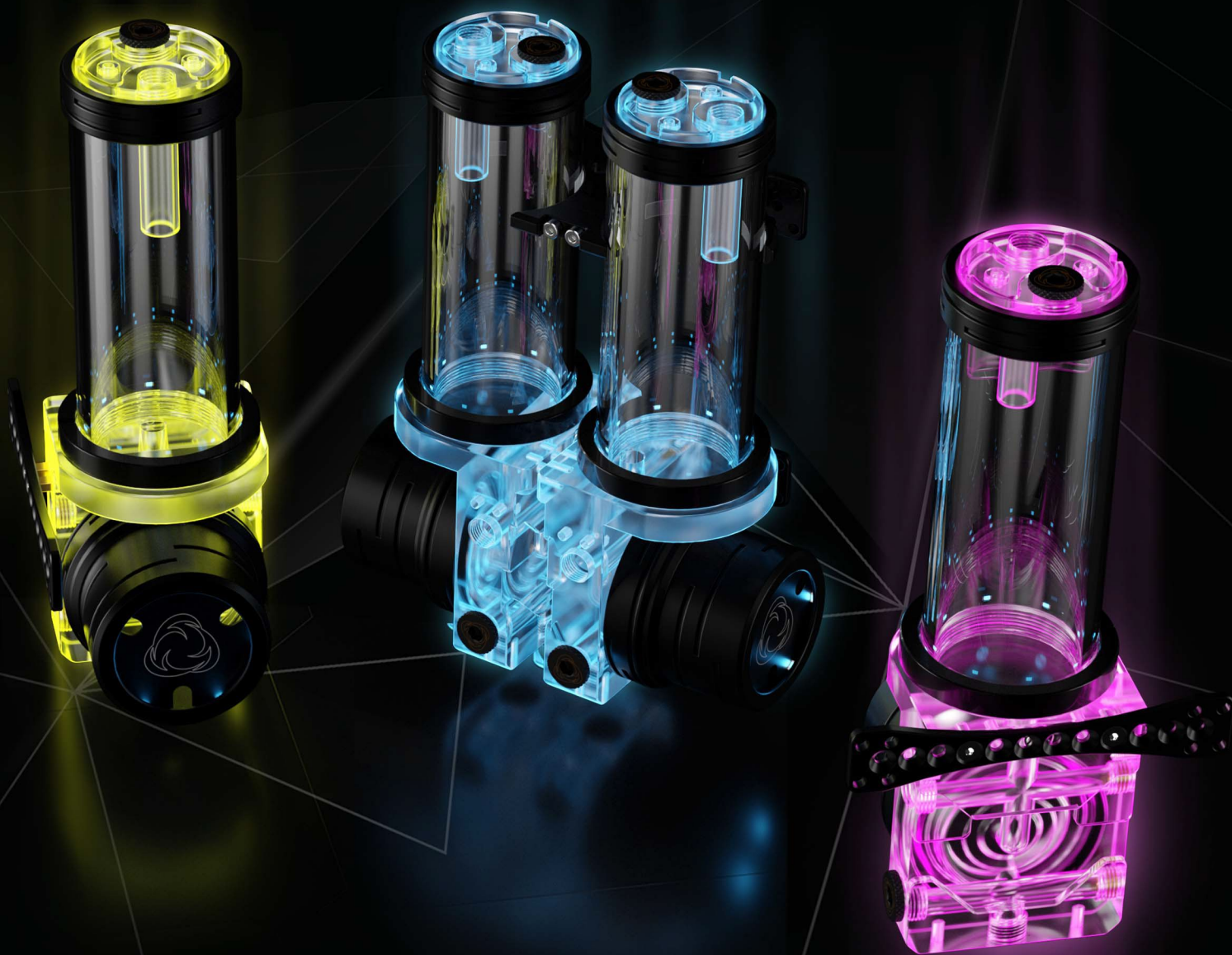


# SC PROTIUM 2.0

## ARGB D5 RESERVOIR COMBO



# MANUAL

Revision 1.1

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## Introduction & Features

The SC Protium 2.0 ARGB 150 D5 Reservoir Combo achieves a whole new level of versatility and features. The unique 90° pump top design allows more mounting and port options than ever before. There are 3 outlet ports, and 4 inlet ports. The combo has ports on 4 sides, even on the bottom. The combo can be mounted from 4 different sides with 270° mounting and vertical mounting. The cap uses a retention ring design for 360° rotation and increased durability, and is recessed in case of overflow during filling.

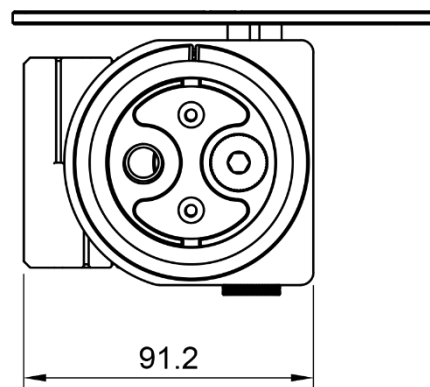
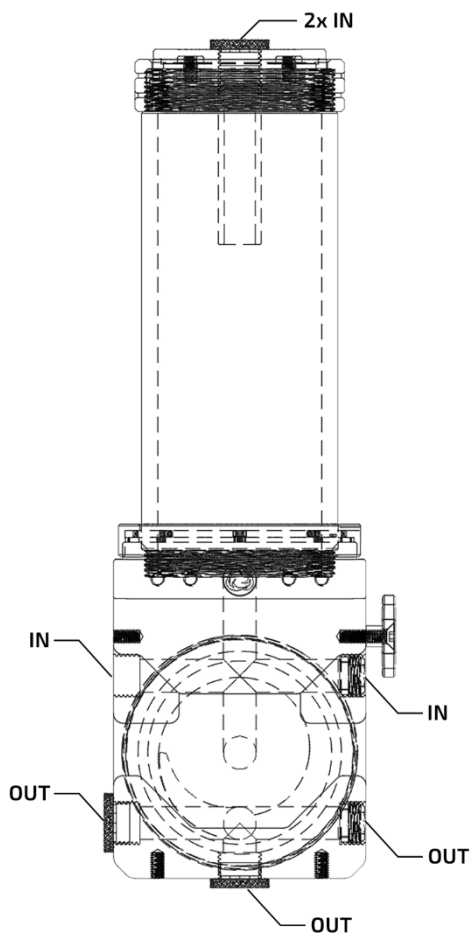
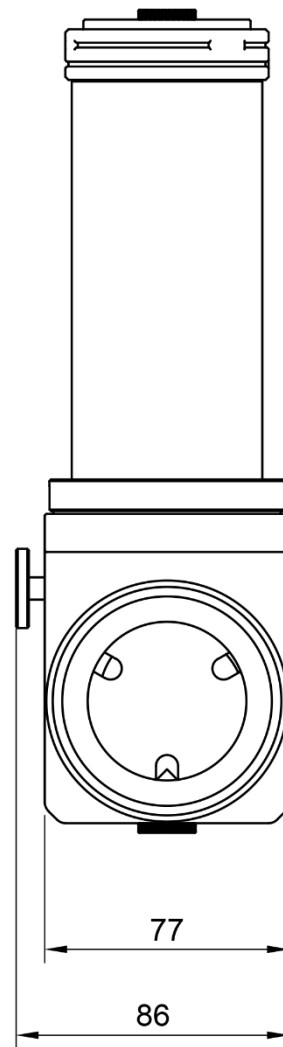
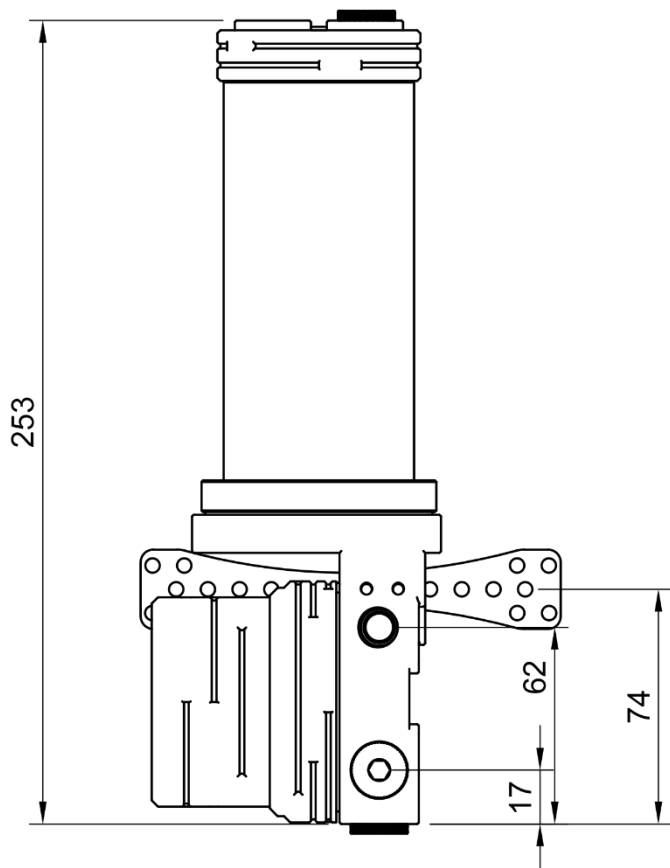
The combo comes with two integrated custom ARGB/DRGB PCBs. The rear part of the D5 Pump Cover is a PCB which creates a glow from the back of the Pump Cover. There is an LED ring which lights up the pump top, reservoir, and the coolant inside.

The back plate is universal for mounting onto 120mm or 140mm wide radiators, fans or fan mounting positions. The pump cover is a 3-piece design for full compatibility with all D5 pumps including the Aquacomputer D5 Next. The combo comes in three different colors/materials, Clear Acrylic with Black or Silver metal and Black Acetal with Black Metal.

## Specifications & Included Items

<b>Included Items</b>	<ul style="list-style-type: none"> <li>• SC Protium 2.0 Reservoir Retention Rings x2: Aluminum. Black or Silver Anodized. CNC Machined.</li> <li>• SC Protium 2.0 Reservoir Caps x2: Clear Cast Acrylic or Black Acetal. CNC Machined.</li> <li>• SC Protium 2.0 Reservoir Tube: Clear Cast Acrylic: Length: 200mm. Diameter: 60mm. CNC Machined.</li> <li>• Protium 2.0 Inlet Tube: Clear Cast Acrylic.</li> <li>• SC Protium 2.0 ARGB Cover: 1.6mm PCB Black: Addressable ARGB/DRGB 5V: 6 LEDs. Black 500mm Cable.</li> <li>• M4 x 6mm Stainless Steel Fasteners.</li> <li>• Rings: Silicone 70 Durometer White x2. Buna 50 Durometer Black G1/4" x2.</li> <li>• Stop Fittings x2: Brass. CNC Machined. Powder coated Black. Laser Etched.</li> </ul>
<b>Weight</b>	0.4 kg
<b>Dimensions</b>	H: 217mm (Not including stop fittings) Diameter: 64mm (Retention Rings)
<b>Packaged Weight</b>	0.45 kg
<b>Packaged Dimensions</b>	H: 270mm x W: 85mm x 85mm
<b>Tools Required</b>	M4 Allen Key

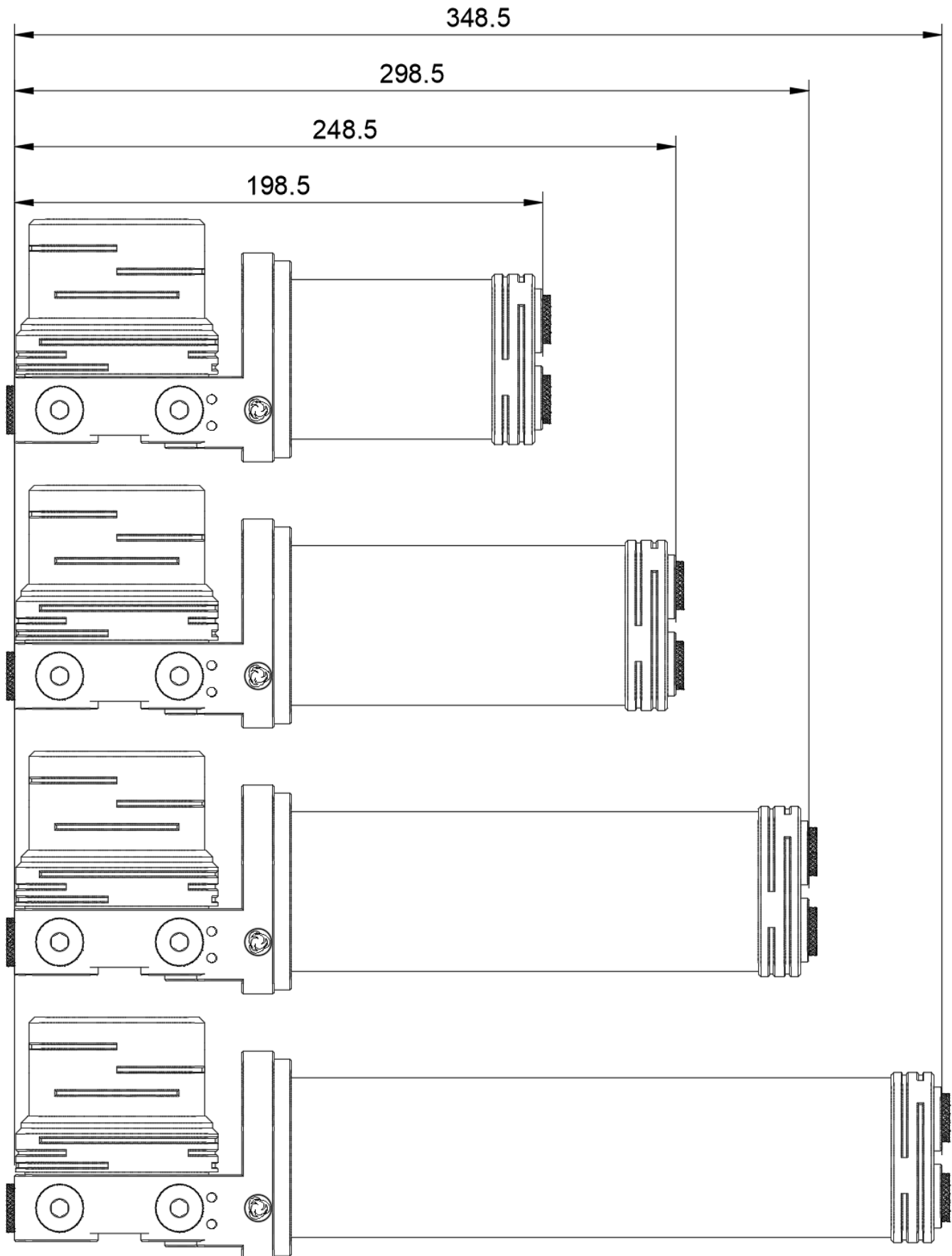
## Dimensions & Port Layout



**Note**

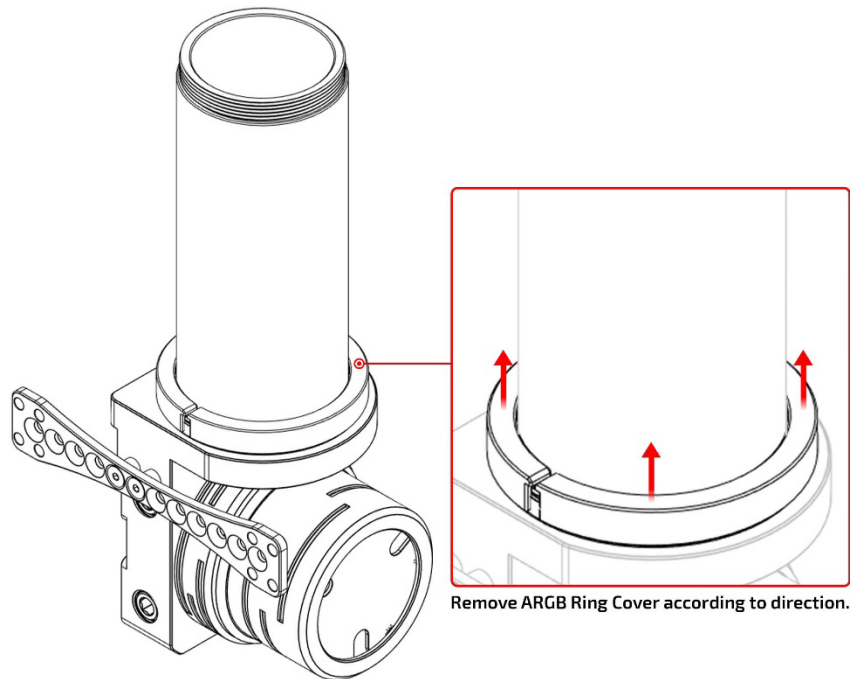
*Dimensions are in millimetres*

## Reservoir Sizes



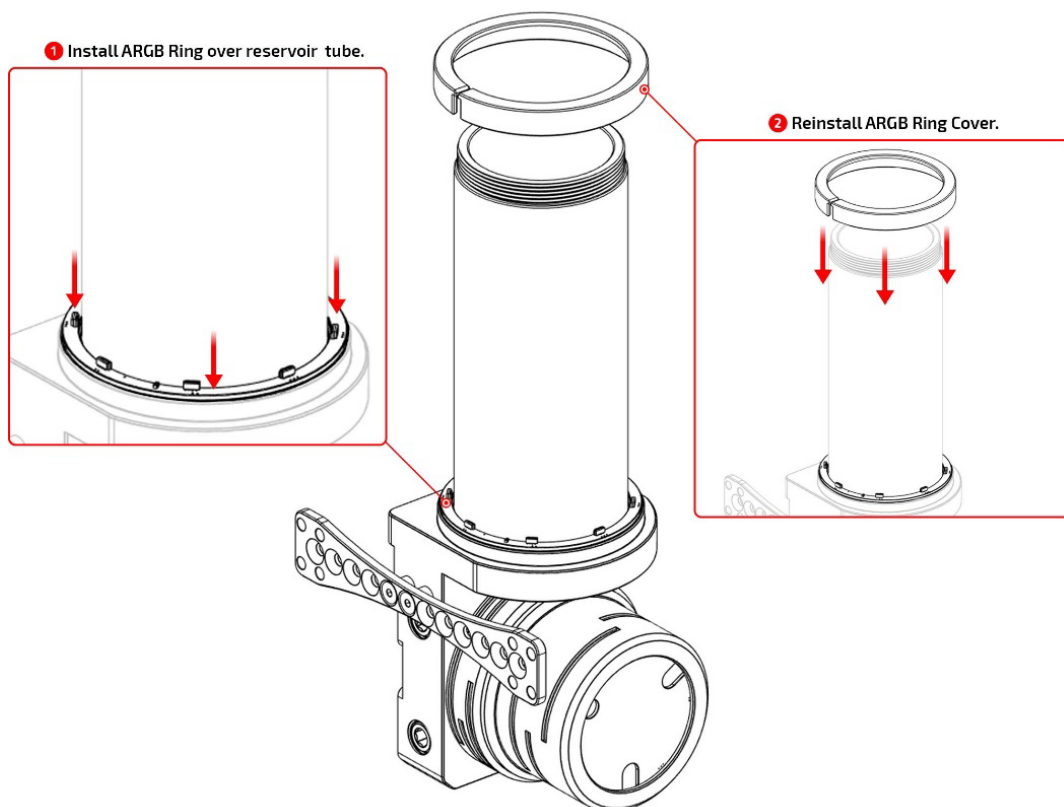
## Step 1

Unscrew the top reservoir retention ring and then remove the reservoir cap. The ARGB Ring Cover marked in the diagram below can then be removed up the reservoir tube.

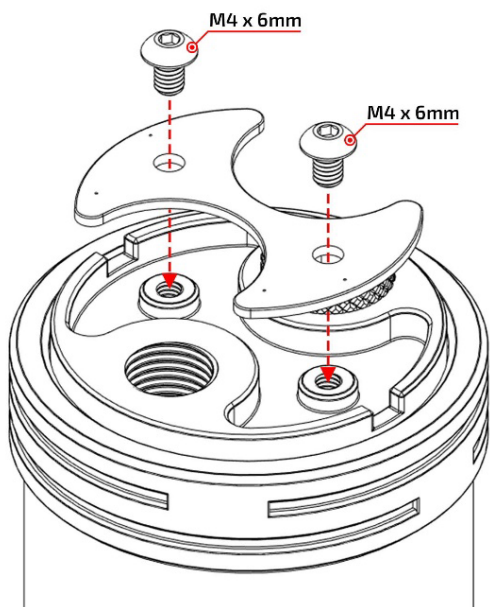


## Step 2

Install the ARGB Ring over the reservoir tube until it is resting on the pump top, it is best to install it with the LEDs facing towards the pump top. Then reinstall the ARGB Ring Cover so that the cable on the ARGB ring aligns with the slot (the cable passes through the slot). You can then face the cable wherever it will be out of sight in your build.



## Reservoir ARGB Cover Installation (Available Separately)



The ARGB Cover can be attached using the two included M4 x6mm Fasteners (see diagram beside).

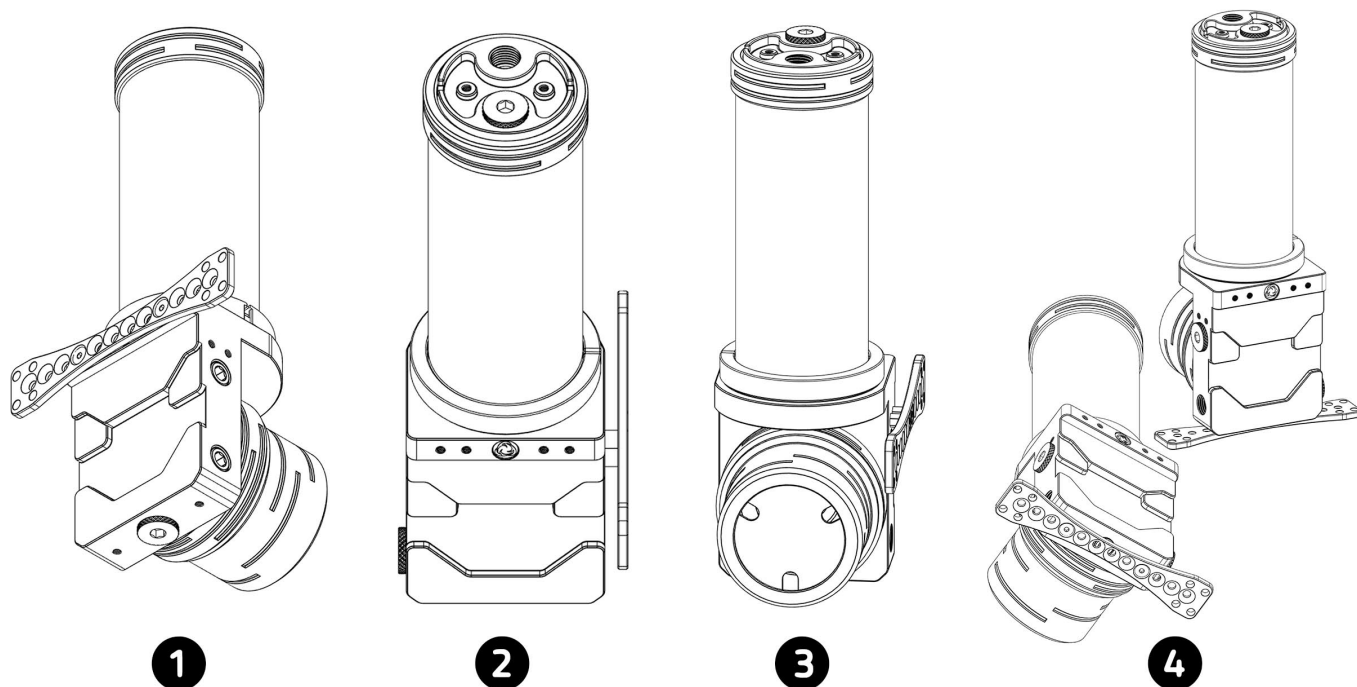
**Note: Do not over tighten fasteners on acrylic or acetal.**

## Stop Fitting & Stop Plug Assembly

Install the stop plugs and stop fittings where they need to be for your water-cooling system configuration. The stop plugs are for use under the mounting Back Plate because they do not protrude from the pump top. The stop plugs can only be used on the pump top.

## Mounting Configurations

The SC Protium 2.0 ARGB 150 D5 Reservoir Combo can be mounted facing three directions and it can also be dual mounted with two combos side by side. Mount the back plate to the pump top using the included M4 x 8mm Countersunk fasteners. The included M4 x 6mm Stand offs only need to be used when using an Ethereal Reservoir Mount. See mounting configurations in the diagrams below.

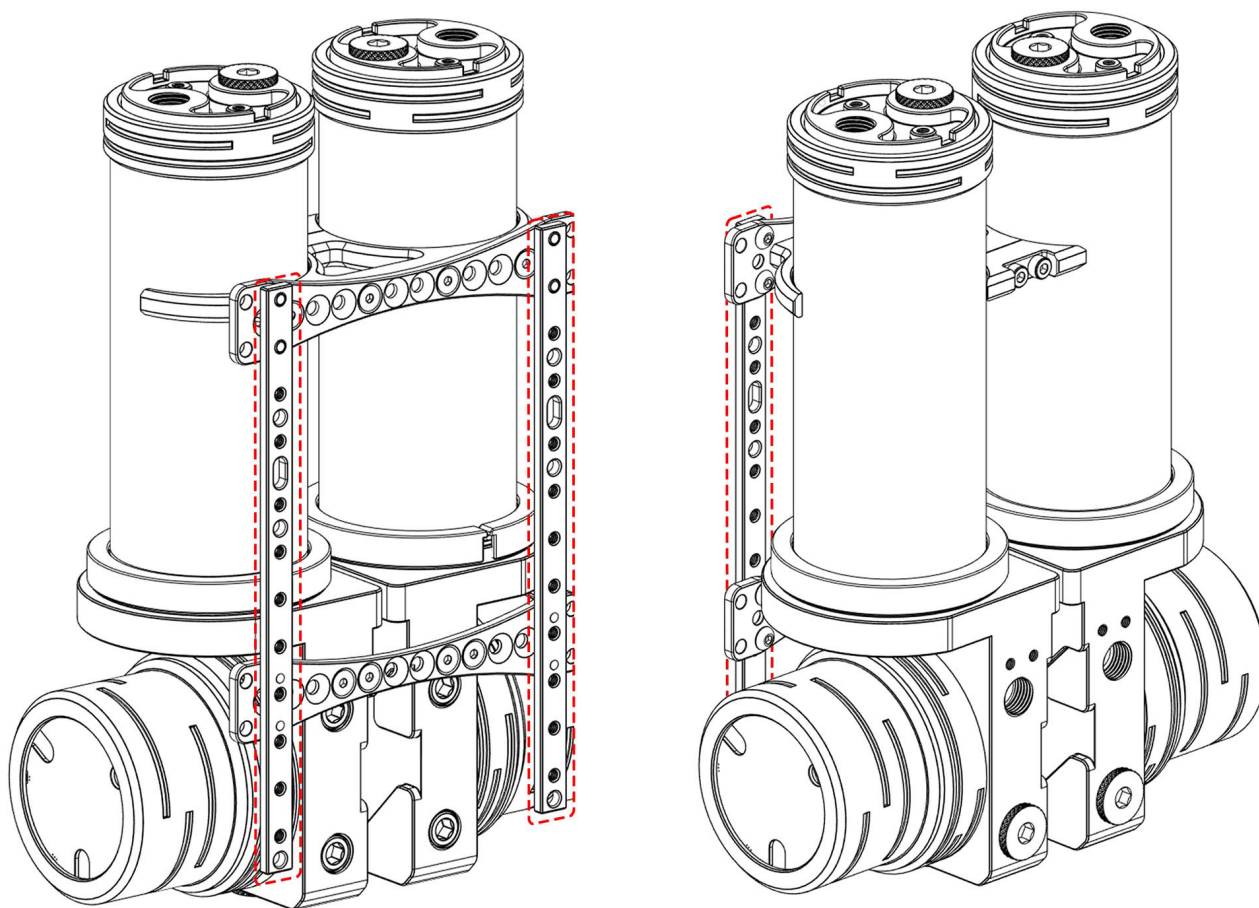


## Dual Mounting

For dual mounting you will need to purchase a second SC Protium 2.0 ARGB 150 D5 Reservoir Combo and an SC Ethereal Dual Reservoir Mount. It is also good to have a set of SC Mounting Rails (shown in the diagrams below) so that you can adjust the height of the combos on the radiator. Mount the stand offs to the side of the pump tops and attach the Back Plate to them with the M4 x 8mm Countersunk fasteners. Make sure the pumps are oriented with the fronts facing toward each other and the pump covers facing outwards. Then attach the SC Ethereal Dual Reservoir Mount near the top of the Reservoirs. Finally, the entire assembly can be attached to the radiator. The height of the SC Ethereal Dual will need to be adjusted on the Reservoirs to line up with radiator or fan mounting holes.

If you are using SC Mounting Rails, they need to be mounted to the radiator first.

### SC Mounting Rails



### **i** Information

Please contact [support@singularitycomputers.com](mailto:support@singularitycomputers.com) with any questions.