

# HAVN HS420

## D5 RESERVOIR DISTRIBUTION PLATE



# MANUAL

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## Introduction

The HAVN HS420 D5 Reservoir Distribution Plate fits onto any 420mm radiator mount but is specifically designed for the HAVN HS420. It is intended to be used instead of a radiator. It has an integrated reservoir, D5 pump top, D5 Pump Cover, Fill and Drain Ports. It is built from CNC machined clear cast acrylic and uses gaskets instead of O-Rings for increased durability. It is hand assembled with stainless steel fasteners. It has an integrated ARGB LED strip with an Accent Cover. There is also an optional Back Plate included to cover the rear side of the Rear Distribution Plate, so that you can't see the case panel behind it.

## Specifications & Included Items

<b>Distribution Plate</b>	420mm D5 Reservoir Distribution Plate.
<b>D5 Pump Cover</b>	Protium 3.0 ARGB D5 Pump Cover.
<b>Integrated LED Strip</b>	ARGB 5V with 50cm cable.
<b>Fasteners</b>	Stainless Steel.
<b>Gaskets</b>	Silicone Black.
<b>Materials</b>	Cast Acrylic.
<b>Manufacturing Process</b>	CNC Router.
<b>Assembly</b>	Assembled by hand & pressure tested.
<b>Packaged Dimensions</b>	L: 420mm x W: 170mm x H: 150mm.
<b>Packaged Weight</b>	2.5kg.

### ⓘ Important Information

Please make sure to use the included O-Rings when installing the pumps. Remove the pump covers from the distribution plate, install the O-Rings into the O-Ring grooves on the pump tops. Then push the pump into the pump top and screw the cover on. Tighten the pump covers down firmly. We strongly recommend pressure testing your build prior to filling the loop. Contact [support@singularitycomputers.com](mailto:support@singularitycomputers.com) with any questions.

## Installation



Remove the covers marked in the image. The HAVN HS 420 D5 Reservoir Combo Distribution Plate installs into this location using the included fasteners.

The distribution plate has holes for mounting which go right through so that it can be mounted to the case, a radiator, or the case with fans or a radiator with fans. These configurations all require different fastener lengths and spacers on fans and radiators to allow for airflow which are not included. The default fasteners which are included go through the distribution plate and case panel and there are nuts and washers to go on the back.

⚠ Do not over-tighten fasteners on acrylic, the recommended fastener tension is 0.4NM.

## Diagrams

① Dimensions are in millimetres

