

HYTE Y70

DISTRIBUTION PLATE SET



MANUAL

Revision 1.1

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Introduction

The HYTE Y70 Distribution Plate Set includes the HYTE Y70 DDC Reservoir Distribution Plate and the HYTE Y70 Horizontal Distribution Plate. This is a single loop distribution plate set. Both distribution plates can be used together or separately but the loop route is optimal if they are used together. The DDC Reservoir Distribution Plate mounts onto the rear panel and has an integrated DDC pump top and reservoir. The Horizontal Distribution Plate mounts below the motherboard on the bottom panel. The distribution plates are built from CNC machined clear cast acrylic and use gaskets instead of O-Rings for increased durability. They are hand assembled with stainless steel fasteners. On the horizontal distribution plate there is an integrated ARGB PCB and there is an ARGB LED strip included for the vertical distribution plate. There is a back plate included for the DDC Reservoir Distribution Plate and a cover for the Horizontal Distribution Plate.

Specifications & Included Items

HYTE Y70 Distribution Plate Set	
Included Items	<ul style="list-style-type: none"> • HYTE Y70 Distribution Plate Set. The set can be purchased together or separately. • HYTE Y70 DDC Reservoir Distribution Plate. • HYTE Y70 DDC Reservoir Distribution Plate Cover. • HYTE Y70 Horizontal Distribution Plate. • Integrated ARGB LED PCB x1 with 30cm black cable. • ARGB LED Strip 50cm x1 with black 50cm cable.
Fasteners	Stainless Steel. M4 8mm x4, M4 Washers x4. M4 22mm x4, M4 Washers x4, M4 Nuts x4.
Gaskets	Silicone Black.
Materials	Cast Acrylic.
Manufacturing Process	CNC Router.
Assembly	Assembled by hand and pressure tested.
Packaged Dimensions	L: 400mm x W: 300mm x H: 100mm.
Packaged Weight	5kg.

Installation

❗ 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 with any questions.

Mount HYTE Y70 DDC Reservoir Distribution Plate



Mount the Distribution Plate to the rear panel fan mounting location. Move the Distribution Plate until the mounting holes are aligned with the slots on the case. Mount using the included M4 10mm Fasteners and M4 Washers (do not over tighten fasteners on acrylic). The distribution plate has some adjustment due to the slotted holes on the case, it is best to use this adjustment when installing the fittings. The included back plate can optionally be installed.

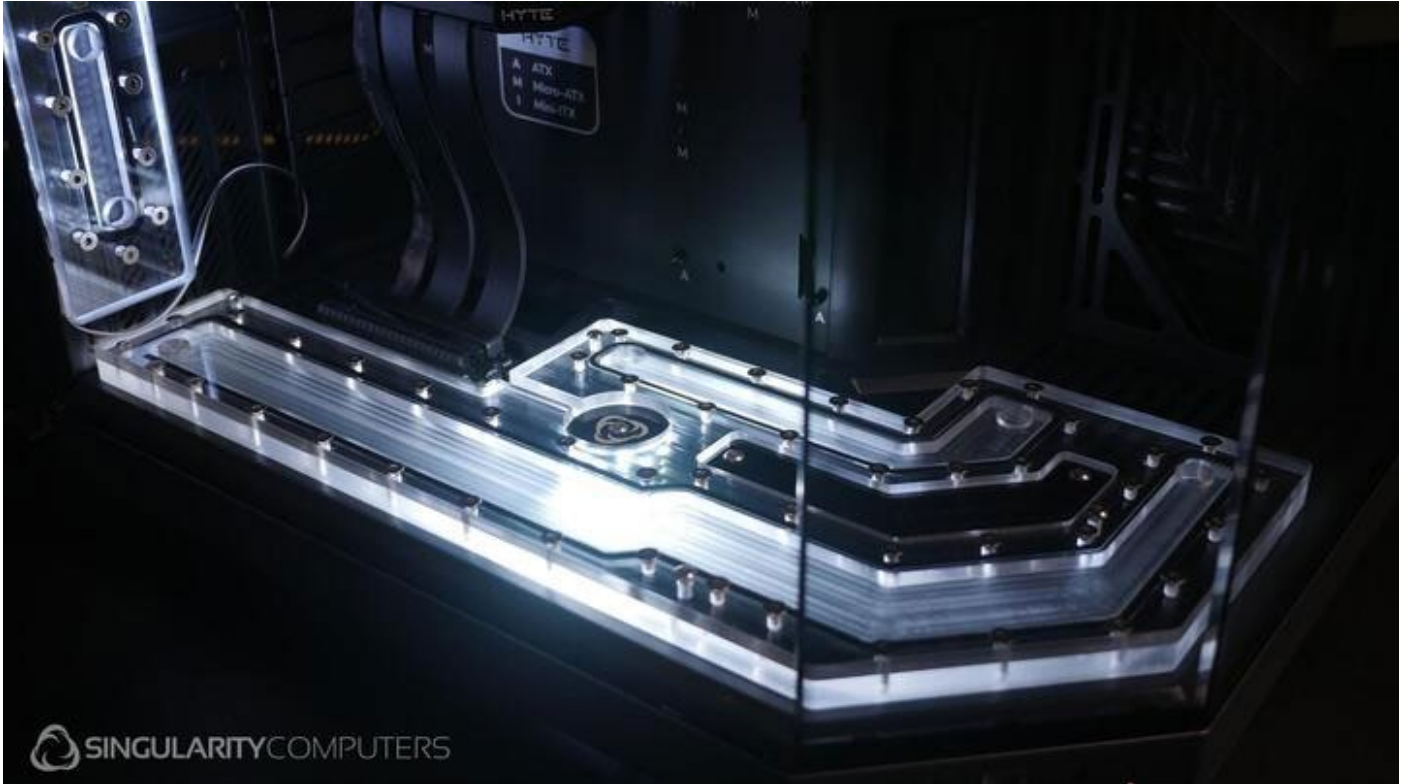
Install Pump



The HYTE Y70 DDC Reservoir Distribution Plate is compatible with all DDC Pumps. If you selected the Singularity Computers DDC Cover then you will need to remove your DDC Pumps stock cover. To do this you need to push the DDC Pump Out of its stock cover so that the motor is separate from the cover. This can be done by pushing the pump up from the bottom where you will find a round area which is the centre of the pump, push on the round area while holding the Pump Cover so that the pump can be separated from the cover. Then install the pump motor into the Singularity Computers DDC Cover with the correct orientation so that the cable fits into the cable cutout. There are two sets of fasteners included for mounting DDC Pumps, 30mm for the Singularity Computers DDC Cover and 22mm for the stock plastic DDC Cover. Use the O-Ring which is included with the DDC Pump. (Do not over tighten fasteners on acrylic).

Mount HYTE Y70 Horizontal Distribution Plate

Mount the Distribution Plate to the bottom panel. Move the Distribution Plate until the mounting holes are aligned with the slots on the case. Mount using the included M4 22mm Fasteners, M4 Washers and M4 Nuts, the nuts need to be installed from underneath the case. There are multiple sets of slots which will work with the Distribution Plate. If you don't have the screen with your Y70 then the Distribution Plate can be mounted closer to the side panel window, if you have the screen it needs to be mounted further back towards the GPU.



Dimensions, Flow Diagram & Port Layout

① Dimensions are in millimetres

HYTE Y70 Distribution Plate Set

