

Alphacool ES Distro Plate C3

Alphacool article number: 12994

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Quick Info

The Alphacool ES Distro Plates provide order in the system and facilitate the exchange of components in conjunction with quick-release fasteners. They offer extensive mounting options and are the ideal foundation for any enterprise system that is to be equipped with water cooling.

- Made of high quality acetal
- Brings order to the system
- Easy exchange of cooling blocks
- Versatile applications

Scope of delivery

1 x ES Distroplate C3
6 x Screw plugs
4 x M3x4 Screws

4 x M3x8 Screws
1 x Velcro tape
2 x Universal bracket

Technical data

Dimensions (L x W x H)	56 x 78 x 22,5 mm
Material top	Acetal
Material bottom	Nickel plated copper
Threads	14 x G1/4"
Pressure tested	8 bar
Max working temperature	60°C
Color	black

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Manual	12994_Alphacool_ES_Distro_Plate_C3_Manual.pdf
Product pictures	12994_Alphacool_ES_Distro_Plate_C3_pics.zip

Packaging dimensions per unit

L x W x H	220 x 160 x 55 mm
Weight	442 g

Other data

Certificates	CE, FC, RoHS
EAN	4250197129947
Customs code	39174000990

Article text

The Alphacool ES Distro Plates provide order in the system and facilitate the exchange of components in conjunction with quick-release fasteners. They offer extensive mounting options and are the ideal foundation for any enterprise system that is to be equipped with water cooling.

Mounting options

The ES Distro Plates can be mounted in many ways. The easiest and fastest variant is the mounting via the included self-adhesive Velcro. One side is glued stuck directly to the Distro Plate, the other side to any place in the case. After that, you can simply put the Distro Plate on the Velcro. Alongside the Velcro, special feet and mounting frames are included to provide multiple installation options. With the mounting accessories, the Distro Plate can be mounted to any 120 or 140 mm fan space. The included feet also offer many mounting options, including a vertical mounting option on a single foot. Various threaded holes on the sides and back of the ES Distro Plate offer more direct mounting options, including customized holes for special mounting rails in Alphacool's server racks.

Connection options

The ES Distro Plate C3 has a total of 14 connection options in G1/4 format with 5mm deep threads. There are 3 connections on each long side, 6 on the top side and one connection thread on each front side. However, it is important to note that all connections are in pairs. So you can only use the top or the side connection. The exception are the ports with 3 sides. Here, only the lateral, upper or the connection on the front side can be used. The exact options are illustrated in the instructions. This configuration makes it very easy to connect all components in the water circuit to the Distro Plate. Of course, several ES Distro Plates can also be connected in series.

Why an ES Distro Plate?

Especially in narrow server cases, it is essential to allow a clean setup of the water cooling. If you draw the cooling loop beforehand, you will quickly find the ideal place for the Distro Plate. An ideal place is when all hoses can be laid as straight as possible, bending tubing too tightly should be avoided where possible. If components are to be replaced, the use of Alphacool ES quick connectors with external thread is recommended. This way, all components in the loop can be mounted directly to the Distro Plate with quick connectors. This makes the replacement of, for example, one or more radiators very quickly possible. Additional or larger radiators can also be easily integrated or replaced.