

Alphacool ES Reservoir 2U - DDC Version

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Quick Info

The Alphacool ES 2U Reservoir is a development for the Enterprise Solution series. It has an integrated pump top for the powerful DDC pump and offers many connection and mounting options. The combination of all these features provides a perfect solution for 2U server racks and workstations.

- part of the Enterprise Solutions Series
- optimized for 2U server racks
- Integrated pump top for DDC pumps
- Extensive mounting options

Scope of delivery

1x reservoir	4x M4x20
1x velcro mat	1x screw plug tool
10x screw plug	2x holder straight
1x double nipple	2x holder angle
10x M3x5	1x hose holder
2x M3x8	

Technical details

Material	Acetal
Preinstalled pump	No
Connector	G1/4" inner thread
Fillport	G1/4" inner thread
LED hole	Not available
Pump compatibility	For DDC
Model of reservoir	1x 3,5" Bayres
Color	black

Technical data

W x D x H	62 x 80 x 60 mm
Net weight	93 g
Maximum working temperature	60 °C
Connections	11 x G1/4"
Pressure tested	0,8 Bar

Download links

Manual	15376_Alphacool_ES_Reservoir_2U_-_DDC_Version_Manual.pdf
Product pictures	15376_Alphacool_ES_Reservoir_2U_-_DDC_Version_pics.zip

Packaging dimensions per unit

L x W x H	220 x 165 x 100 mm
Weight	468 g

Other data

Certificates	CE, FC, RoHS
EAN	4250197153768
Customs code	8473308000

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Extensive connection options

The ES 2U Reservoir has a total of 10 inputs and one output. All connections use a G1/4" thread. There are 2 inputs on each side and on top. Using the top inputs allows you to fill the reservoir perfectly. One inlet is used to fill in the liquid while the second inlet is used to allow the air to escape during filling. Thanks to the extensive connection possibilities there are various options to position the expansion tank in a server rack.

Mounting Options Directly on the Radiator

Ideally, the ES 2U expansion tank is mounted directly on the radiator. For this purpose, three mounting frames and a double nipple fitting are included in the package. The double nipple is used as a direct connection with an Alphacool NexXoX radiator of the X-Flow series. The reservoir is then attached directly to the radiator using the enclosed mounting brackets. The Alphacool NexXoS X-Flow radiators naturally have suitable mounting holes for this. This type of mounting makes it possible to position the radiator and reservoir either next to each other or offset in front of the radiator. The corresponding options are listed in detail in the instructions.

Further Mounting Options and Pump Installation

If the ES 2U reservoir is not to be mounted directly on the radiator, it can of course be fastened to any part of the case using the Velcro sheet provided. In this case, one part of the Velcro fastener is stuck to the bottom of the reservoir and the other part to any place in the server rack. To install the pump into the pump top only 4 screws and an O-ring are needed. The O-ring is placed on the reservoir, the pump is put on and fixed with four screws. The entire Alphacool ES Reservoir 2U is then ready for use.

The Alphacool ES 2U Reservoir - DDC version is an extremely compact reservoir especially for 2U server racks with extensive connection and mounting options.