



ALPHACOO – THE COOLING COMPANY



Alphacool ES Reservoir 2U

What is it?

The Alphacool ES Reservoir 2U is a combination of expansion tank and pump top that was developed directly for use in 2U server racks. It can be mounted directly on radiators or separately. With 10x IN and one OUT, the expansion tank also offers extensive options for tubing.

Highlights

- Comes from the Enterprise Solutions series
- Optimized for 2U server racks
- Integrated pump top for DDC pumps
- Extensive mounting options

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We assume no responsibility for any typing errors.

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Scope of delivery

1pc reservoir
1pc velcro mat
9pc screw plugs
1pc double nipple
10pc M3x5 screws
2pc 3x8 screws
4pc 4Mx20
1pc screw plug tool
2pc holder straight
2pc holder angle
1pc hose holder

Technical data	
B x T x H	62 x 80 x 60 mm
Net weight	93 g
Max working temperature	60 °C
Threads	11 x G1/4"
Pressure tested	0,8 Bar
For Serracks	2U, 3U, 4U
Certificates	CE, FC, ROHS

Product pics download	http://alphacool.com/download/1017716_Alphacool_ES_Reservoir_2U_DDC.zip
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Manual PDF	http://www.alphacool.com/download/DDC-reservoir_2U_manual.pdf
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Other data	
Article number Alphacool	15376
EAN Code	4250197153768
PU Box	1
Dimensions PU B x T x H	16,5 x 22 x 10 cm
Weight	468 g
Customs code	84733080000

Article text

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.

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 NexXoS 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.