



Alphacool ES Laing DDC310 Pump - Single black plastic bottom

\$52.50

Product Images



Short Description

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Description

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Features

Compact and powerful.

The flat design of the Laing DDC310 pump saves space and fits with the corresponding Enterprise reservoirs from chassis as small as a 1U server rack. This results in a very powerful pump that can be used in the smallest of spaces. The DDC310 variant offers with a delivery height of 2.44m enough power to operate an extensive water loop. The performance is enough to operate a dual or quad socket system including reservoir and radiators. The performance of the pump is also sufficient to operate a render server with up to 4 graphics cards.

Spherical Ceramic Bearing

The pump uses a shaftless ball motor or spherical bearing. The motor is driven by magnets while the rotor is mounted on a ball-ceramic bearing. This makes the pump maintenance-free, as the bearing is self-adjusting and maintenance-free. The pump is lubricated by the coolant during operation. This makes the Alphacool ES Solution Laing DDC310 pump a so-called wet rotor pump. Due to its design, even small particles of dirt are no problem for the pump.

Installation and Commissioning

The pump is delivered with a classic plastic bottom which ensures a high compatibility to all Enterprise Solution products. However, the pump can also be mounted on all existing DDC pump tops from Alphacool. The pump comes with a corresponding O-ring, only the mounting screws must be used from the respective reservoir, as these may differ in length. The power is supplied via a 4-pin Molex connector, the speed can be read out via a 3-pin Molex connector. This is usually done via the 3-pin fan connector on the mainboard or via an appropriate fan controller.

Specifications

Color:	black
Power connector:	4Pin Molex
Max. Flow:	200l/h, Standard (smaller than 500l/h)
Max. Discharge head:	2,44m, Good (2 to 4m)
Power input:	10W

Water outlet:	Not available
Water inlet:	Not available
Material:	Hartcoal, Brass, Aluminiumoxid
Voltage:	12V DC
Max. System temperature:	60° C
Approved fluids:	Water, Water/ glycol mixture
Manufacturer:	Alphacool
Dimensions:	62 x 62 x 28 mm

Technical data:

- L x W x H: 62 x 62 x 28 mm
- Weight: 167 g
- Material: Stainless steel, EPDM, Ceramics
- Voltage range: 8 - 13,2 V
- Starting voltage: 9 V
- Voltage: 12 V DC
- Power consumption: 10W
- Max delivery height: 2,44m
- Max flow rate: 200 l/h
- Power connector: 4-Pin Molex
- Speedometer signal: 3-Pin Molex
- Max working temperature: 60° C

Scope of delivery:

- 1 pcs DDC310 Pump
- 1 pcs O-ring
- Plastic bottom

Additional Information

Brand	Alphacool
SKU	AC-13991
Weight	2.0000
Color	Black
Pump Type	DDC
Pump Voltage	12 VDC
Vendor SKU/EAN	4250197139915

