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Alphacool ES Inline particle filter 2x G1/4" IG

Alphacool article number: 13888

Quick Info

The Alphacool inline particle filter from the Enterprise Solutions product range catches dirt particles from the cooling loop. This protects sensitive components such as pumps or the fine cooling fins.

- Reliably filters impurities
- Flexible positioning in the server housing
- Easy to maintain

Scope of delivery

1x ES Inline Particlefilter

Technical data

Dimensions (L x W x H)	95 x 50 x 63mm
Material	Plastic, acrylic
Material (Sieve filter)	Stainless steel
Weight	70g
Maximum operating temperature	60 °C
Maximum pressure	0,8 Bar
Threads	2x G1/4"
Flow direction	Specified (see manual)
Color	black/transparent

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Manual	13888_Alphacool_ES_Inline_particle_filter_2x_G1-4_IG_Manual.pdf
Product pictures	13888_Alphacool_ES_Inline_particle_filter_2x_G1-4_IG_pics.zip
EU-DoC / CE / RoHS	Alphacool_EuDoc_CE_RoHS_13888.pdf

Packaging dimensions per unit

L x W x H	102 x 95 x 52 mm
Weight	93 g

Other data

Certificates	CE, FC, RoHS
EAN	4250197138888
Customs code	84212100900
Guarantee	2 years

Article text

The Alphacool inline particle filter from the Enterprise Solutions product range catches dirt particles from the cooling loop. This protects sensitive components such as pumps or the fine cooling fins.

Flexible installation

The ES Inline Particle Filter 2x G1/4" IG from Alphacool can be integrated at any point in the cooling loop. However, it is important to ensure that the filter is facing downwards after installation. By default, the filter is equipped with adapters that make it compatible with all G1/4" fittings. Removing the adapters allows the use of G3/8" fittings as well – offering maximum flexibility in system design.

Function

Due to the large surface area of the screen filter, the flow rate of the coolant inside the particle filter decreases, allowing the suspended particles to settle to the bottom. Lowering the flow rate within the filter has no adverse effect on the general flow rate of the cooling loop.