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Alphacool Apex Stealth Metal fan 2500rpm black (140x140x25mm)

Alphacool article number: 13760



Quick Info

High-quality, elegant as well as timeless design and technical innovation - these are the features of the Alphacool Apex Stealth metal fan. With its patent-pending decoupling technology, the robust metal frame and a special rotor, this fan certainly impresses. Not only is the Apex Stealth one of the most powerful fans, but it also remains the quietest at any speed.

- High performance fan
- Patent pending decoupling technology
- Frame made of high quality metal
- Suitable for cases as well as radiators
- Controllable via PWM + Zero-RPM Control

Scope of delivery

1x Stealth Fan
1x PWM Extension cable 50cm
4x M3 Screw
4x 6-32 UNC Screw
4x M4 Screw
4x Stealth Mounting Nut
1x cleaning cloth

We assume no responsibility for any typing errors. Alphacool International GmbH, Marienberger Strasse 1, 38122 Braunschweig Tel: (+49)0531 288 7400 Supportmail: info@alphacool.com

Technical data

Dimensions (L x W x H)	140 x 140 x 25mm
Material (Frame)	Die-cast zinc
Material (Impeller)	Plastic
Weight	395g
Speed	200~2500±10% rpm
Bearing	Hydro Dynamic Bearing
Connection	4-Pin PWM
Cable length PWM	40±8 mm (+ 50cm extension cable)
Cable length (daisy chain)	110±10 mm
Start-up Voltage	6 V DC
Rated Volt	12 V DC
Power Consumption	6.60 Watt
Rated Current	0.50 A (0.55Max)
Air Flow	93.9 CFM
Static Air Pressure	3.45 mmH_2O
Noise Level	37.6 dBA
MTBF	100,000h
PWM control	Yes
Zero RPM control	Yes
Tacho Signal	Yes
Auto-restart	Yes
Color	black

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Manual	13760_Alphacool_Apex_Stealth_Metal_fan_2500rpm_black_(140x140x25mm)_Manual.pdf
Product pictures	13760_Alphacool_Apex_Stealth_Metal_fan_2500rpm_black_(140x140x25mm)_pics.zip
EU-DoC / CE / RoHS	Alphacool_EuDoc_CE_RoHS_13760.pdf

Packaging dimensions per unit

L x W x H	180 x 170 x 33 mm
Weight	400 g

Other data

Certificates	CE, FC, RoHS
EAN	4250197137607
Customs code	84145915000
Guarantee	5 years

Article text

High-quality, elegant as well as timeless design and technical innovation - these are the features of the Alphacool Apex Stealth metal fan. With its patent-pending decoupling technology, the robust metal frame and a special rotor, this fan certainly impresses. Not only is the Apex Stealth one of the most powerful fans, but it also remains the quietest at any speed.

Whisper Quiet

The fan blades, motor and its suspension are completely decoupled from the metal frame. For this purpose, a special damping system was placed between the metal frame and the fan, which absorbs all vibrations. This type of decoupling is a completely new system, which is brought to the market by Alphacool for the first time with the Apex fan. In addition, the impeller is equipped with a closed frame that prevents the impeller tips from fluttering at high speed, which also has a positive effect on the fan's characteristics.

Powerful All-rounder

The Alphacool Apex Stealth metal fan is a true all-rounder. It sets new standards in terms of airflow and static pressure. Therefore, this fan is not only perfect for mounting on radiators, but also provides excellent airflow as a case fan. The Apex Stealth can be controlled between 200 to 2500 rpm via the 4-pin PWM connector. The startup speed is ~200 rpm. In addition, the Stealth offers Zero RPM control, which can be used to bring the fan to a complete stop.

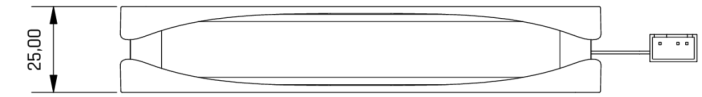
Apex Design

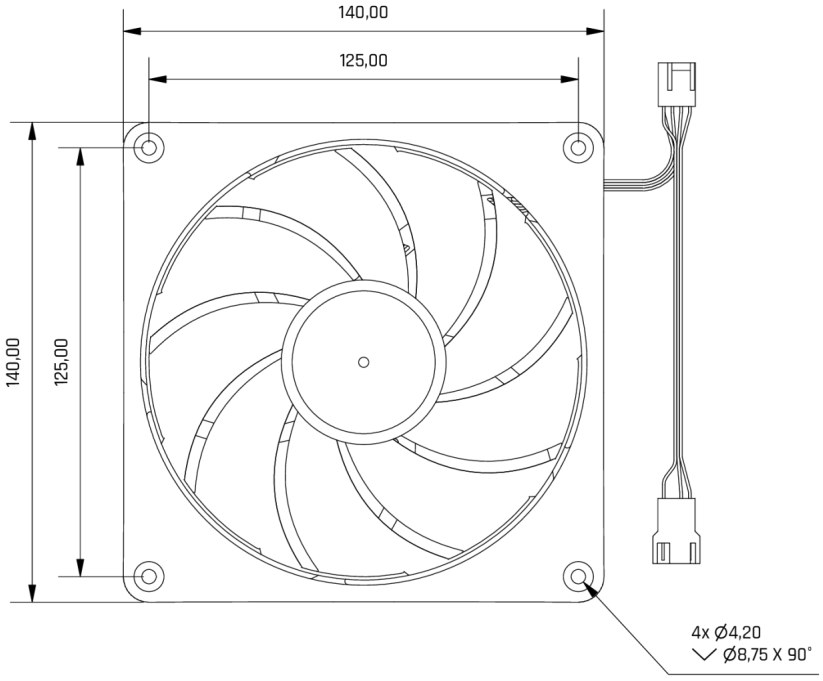
Alphacool's Apex product line represents the highest level of perfection. First-class materials and innovative technologies guarantee a unique premium product. Consisting of high-quality metal, the curved frame gives the Apex Stealth its distinctive design and fits perfectly into any PC build.

Additional Features

As usual with Alphacool, multiple fans can be effortlessly connected in series via daisy chain. The cables can be hidden in the corners of the fan so that they are no longer visible. A 50 cm PWM cable is also included as an extension. The 6-pole motor in combination with the HDB bearing (Hydro Dynamic Bearing) ensures extremely quiet operation and high durability.

Figure

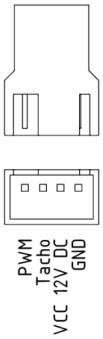




FAN/Pump
Connection



FAN/Pump
Socket



VCC

VCC

General tolerance: ± 0,25mm
Dimension in millimeter

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