

## Alphacool Apex Stealth Metal fan 2500rpm chrome (140x140x25mm)

Alphacool article number: 13774



### 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 and whisper quiet
- 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

## Technical data

Dimensions (L x W x H)	140 x 140 x 25mm
Material (Frame)	Die-cast zinc
Material (Impeller)	Plastic
Weight	410g
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	2.64 Watt
Rated Current	0.20 A (0.22Max)
Air Flow	47 CFM
Static Air Pressure	2,09 mmH <sub>2</sub> O
Noise Level	24.6 dBA
MTBF	100,000h
PWM control	Yes
Zero RPM control	Yes
Tacho Signal	Yes
Auto-restart	Yes
Color	Chrome

## Download links

Manual	<a href="#">13774_Alphacool_Apex_Stealth_Metal_fan_2500rpm_chrome_(140x140x25mm)_Manual.pdf</a>
Product pictures	<a href="#">13774_Alphacool_Apex_Stealth_Metal_fan_2500rpm_chrome_(140x140x25mm)_pics.zip</a>

## 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	4250197137744
Customs code	84145915000
Guarantee	5 years

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### **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.

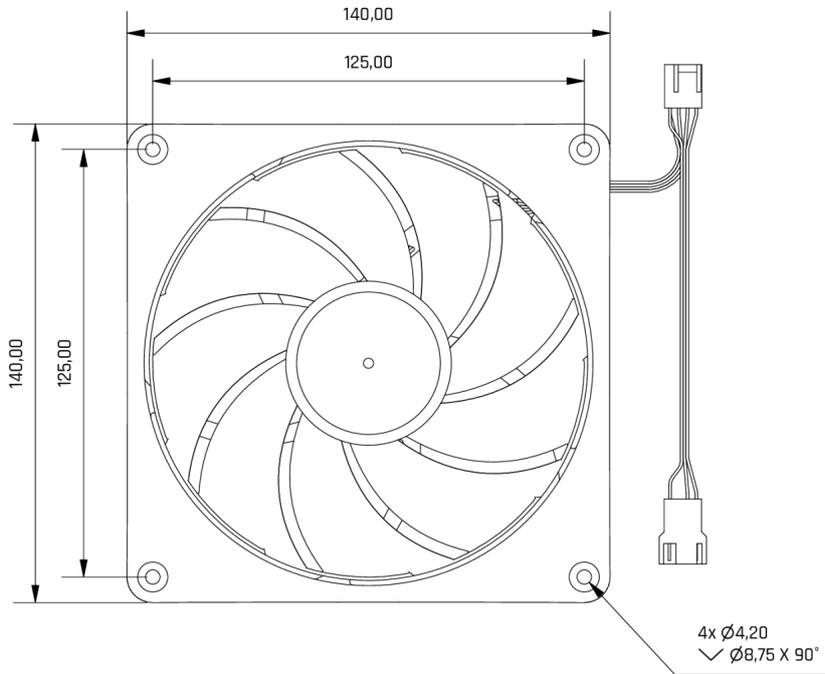
### **Apex Design**

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.

# Drawing

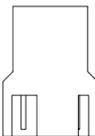


FAN/Pump  
Connection



GND  
VCC 12V DC  
Tacho  
PWM

FAN/Pump  
Socket



PWM  
Tacho  
VCC 12V DC  
GND

General tolerance:  $\pm 0,25$ mm  
Dimension in millimeter