

# ALPHACOOL EISSTURM

## Alphacool Gaming Copper 30 2x 140 mm

### What is this?

The Alphacool Eissturm Gaming Complete Set is the perfect entry to the custom water cooling sector.

### Highlights

1. Slim full copper radiator with a 30 mm thickness
2. Compact reservoir with many mounting options
3. Small but powerful DC-LT pump
4. Eiswind Pure Silent Fan Powered by be quiet!
5. Quick-release fastener for easy expansion of the loop
6. Extensive accessories and high-quality instructions

### product picture

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## Technical Specifications

Technical Data		Gaming Copper 30 2x 140 mm
CPU Cooler	Product:	<b>NexXoS XP<sup>3</sup> Light - Black V.2</b>
	Dimensions (LxWxH):	63 x 73 x 14mm
	Cooler bottom material:	Copper
	Lid material:	PMMA
	Threads:	2x G1/4"
	Socket compatibility:	Intel: 775 / 1156 / 1155 / 1150 / 1151 / 1366 / 2011 / 2011-3 / 2066 / 604 / 771 AMD: 754 / 939 / AM2 / AM2+ / AM3 / AM3+ / AM4 / FM1 / FM2 / FM2+ / 940 / C32 / G34
Pump	Product:	<b>DC-LT 2600 Ultra low noise Ceramic</b>
	Rated speed:	2600 rpm
	Voltage range:	7- 13,5V DC
	Power consumption:	4,9W
	Flow rate:	72 l/h
	Maximum head:	1 m
	Power connection:	3-Pin
Reservoir	Product:	<b>Eisstation DC - LT</b>
	Dimensions (LxWxH):	102 x 82 x 85 mm
	Material:	Nylon, PMMA
	Threads:	3x G1/4" 1x G3/8"
	Power connection Logo LED:	3-Pin
Radiator	Product:	<b>NexXoS ST30 Full Copper 280 mm</b>
	Dimensions (LxWxH):	297 x 144 x 30 mm
	Material:	Copper
	Pressure tested:	1,5 bar
	Fins per inch:	16
	Threads:	3x G1/4"
Fan	Product:	<b>Eiswind Pure Edition 140 - 1350 rpm</b>
	Bearing:	LLS
	Voltage range:	5 - 13,2V DC
	Power connection:	4-Pin
	Rated speed:	400 - 1300 rpm
	Power consumption:	4,8W
	Fan efficiency:	130 m <sup>3</sup> /h
	Air pressure:	0,97 mm H <sub>2</sub> O
Volume:	35.8 db (A)	
Quick Connector	Product:	<b>HF Quick Connector Set G1/4"</b>
	Dimensions (LxD):	60 x 26 mm
	Threads:	2x G1/4"
	Material:	Nylon
Tube	Product:	<b>PVC 13/10mm Ultra Clear 3,3m (BPA free)</b>
	Length:	3,3 m
	Diameter:	13/10 mm
	Material:	PVC
	Color:	clear

Technical Data		Gaming Copper 30 2x 140 mm
Liquid	Product:	<b>CKC Cape Kelvin Catcher</b>
	Color:	clear
Fittings	Product:	<b>Eiszapfen 13/10mm Fitting G1/4</b>
	Color:	black
	Material:	Brass
	Shape:	straight
	Threads:	G1/4"
	Tubing size:	13/10 mm

## Scope of Delivery

Scope of Delivery	Gaming Copper 30 2x 140 mm
CPU Cooler	1x
Pump	1x
Reservoir	1x
Radiator	1x
Fans	2x
Quick Connector	1x
Tube	1x 3,3 m
Liquid	1x 1000 ml
Fittings	8x
Funnel	1x
ATX bridging plug (24 Pin)	1x
Y-Kabel 4-Pin PWM (2 on 1)	1x
Installation Material	✓
Installation instructions	✓

## Downloads

### Images

<https://www.alphacool.com/download/1014158.zip>

## Other Information

Product	Article No. Alphacool	Article No. Aquatuning	EAN Code	PU	Dimension PU in mm	Weight in kg	Toll Code	RRP in €
Gaming Copper 30 2x 140 mm	11467	1014158	4250197114677	1	470 x 145 x 325	4,5	84195080900	184,99

## up to 1000 words

With the new Eissturm sets you get all the components you need for your start into the world of water cooling. The sets are not only for beginners but also for professionals. All components used are optimally matched and come from Alphacool's high-end series. Alphacool makes no compromises when it comes to materials and relies on pure copper or brass for all metals. This guarantees outstanding cooling performance.

With the set you can easily cool your CPU and you can also integrate any graphics card cooler into the circuit. Thanks to the enclosed quick-release fastener, they do not have to empty or modify the circuit.

The products in detail:

### **Radiator:**

NexXxoS ST30 Full Copper 280 mm

For many years Alphacool has been a leader in the field of radiators. Due to the consistent use of pure copper for the cooling fins, antechambers and ducts, Alphacool radiators lead the field in terms of performance. The Alphacool NexXxoS radiators offer outstanding performance when using slow-speed fans and offer a high performance reserve when a lot of heat has to be dissipated. This allows them to cover a wide range of applications.

### **CPU Cooler:**

XP3

The Alphacool XP3 CPU water cooler comes in plain black and offers great performance. Thanks to its cooling fins measuring only 0.5 x 0.5 mm, the heat can be dissipated very effectively and quickly into the water. The pure copper radiator base is very large and also ideal for CPUs with many cores.

### **Reservoir:**

Eisstation

The Eisstation reservoir is a relatively compact AGB solution with integrated pump top. The pump is completely enclosed by the housing while the water is visible in the transparent nylon housing. Nylon is much more resistant than plexiglass and almost unbreakable. It is mounted either in the „5 ¼“ bay or via a Velcro mat that can be positioned freely in the housing.

### **Pump:**

DC-LT

The DC-LT 2600 Ultra Low Noise Ceramic pump is extremely compact and is used in many products. Alphacool uses this pump in some products like the CPU AiO coolers Eisbaer and Eisbaer LT, the graphic card cooler Eiswolf GPX-Pro which is also available as AiO version and also in external products like the Eiswand. It is quiet but strong enough to operate a normal circuit. It goes almost silently to work.

### **Fans:**

Eiswind Pure Edition

The new Eiswind fans in the Pure Edition are based on the worldwide popular be quiet! fans. The finely ribbed fan blades ensure optimum air flow and targeted turbulence to minimize background noise. The high-quality rifle bearing also contributes to smooth running. The fans can be controlled via the 4-pin PWM connector. The fans can be controlled over a wide speed range.

### **Connections and quick-release connector:**

Alphacool makes no compromises when it comes to connections. All connections are from the high-end Eiszapfen series and are made entirely of anodized brass. Thanks to the wide ribbed outer surface, the connections can be screwed in very easily. The union nut presses the hose firmly against the connection and contributes to safety.

The enclosed quick release fastener makes the set Eisbaer Ready. Many products such as the Eiswolf GPX-Pro cooler, the external water cooling solution Eiswand and other Alphacool products rely on this quick release fastener. In this way, they can easily and quickly combine or separate the products from each other again.

The set includes everything you need for the start. Hoses, the necessary liquid, a filling aid, Y-adapter for the fans and much more. The manual is very extensive with many pictures describing all parts in their function. With an ice storm set you get the perfect set for your water cooling.