

# ALPHACOOL EISSTURM

## Alphacool Blizzard Copper 45 2x 120 mm

### What is this?

The Alphacool Eissturm Blizzard Complete Set is a powerful water cooling set. The Reservoir for this set can be used directly in 5 1/4" drive bays, ensuring a clean and tidy build.

### Highlights

1. Compact Eisfach reservoir for the 5 1/4" drive slot
2. Full copper radiator with 45 mm thickness
3. Powerful and quiet VPP755 pump
4. Eiswind Silent Edition 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		Blizzard Copper 45 2x 120 mm
CPU Cooler	Product:	<b>Eisblock XPX CPU - Intel/AMD - Deep Black</b>
	Dimensions (LxWxH):	65 x 65 x 30mm
	Cooler bottom material:	Copper
	Lid material:	Aluminium, sandblasted
	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>Eispumpe VPP 755</b>
	Voltage range:	8 - 13V DC
	Power consumption:	14W
	Flow rate:	350 l/h
	Maximum head:	4 m
	Power connection:	4 Pin Molex, 3-Pin, 4-Pin
Reservoir	Product:	<b>Eisfach - Single Laing D5 - Dual 5,25 Bay Station</b>
	Dimensions (LxWxH):	148 x 132 x 84,5 mm
	Material:	Aluminium, Plexiglas, POM, Nylon
	Threads:	10x G1/4"
	Power connection Logo LED:	3-Pin
Radiator	Product:	<b>NexXxoS XT45 Full Copper 240 mm</b>
	Dimensions (LxWxH):	280 x 124 x 45 mm
	Material:	Copper
	Pressure tested:	1,5 bar
	Fins per inch:	16
	Threads:	7x G1/4"
Fan	Product:	<b>Eiswind Pure Edition 120 - 1600 rpm</b>
	Bearing:	LLS
	Voltage range:	5 - 13,2V DC
	Power connection:	4-Pin
	Rated speed:	500 - 1600 rpm
	Power consumption:	2,4W
	Fan efficiency:	81 m³/h
	Air pressure:	1,12 mm H <sub>2</sub> O
	Volume:	27.7 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		Blizzard Copper 45 2x 120 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 / 90° rotatable
	Threads:	G1/4"
	Tubing size:	13/10 mm

## Scope of Delivery

Scope of Delivery	Blizzard Copper 45 2x 120 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 straight	8x
Fittings 90°	2x
Funnel	1x
Hose Cutter	1x
ATX bridging plug (24 Pin)	1x
Y-Kabel 4-Pin PWM (3 on 1)	1x
Installation Material	✓
Installation instructions	✓

## Downloads

### Images

<https://www.alphacool.com/download/1014162.zip>

## Other Information

Product	Article No. Alphacool	Article No. Aquatuning	EAN Code	PU	Dimension PU in mm	Weight in kg	Toll Code	RRP in €
Blizzard Copper 45 2x 120 mm	11471	1014162	4250197114707	1	470 x 145 x 325	5,5	84195080900	289,96

## 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 XT45 Full Copper 240 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:**

XPX

The Alphacool Eisblock XPX cooler has repeatedly been voted the most powerful CPU cooler on the market in independent tests. In addition to excellent workmanship, care was also taken to ensure that the cooler base is large enough for CPUs that rely on eight or more physical CPU cores. If you want to customize your CPU cooler, you can use modding kits from Alphacool. The CPU cover, the screw caps and the mounting frame can be exchanged for other colors.

### **Reservoir:**

Eisfach

The Eisfach is a simple reservoir that requires two 5 1/4" drive bays in the housing for installation. On the front the Eisfach compartment can be filled and the filling quantity can also be read off the level indicator. The front of the Eisfach has a soft-touch surface and a very high quality finish. The pump is screwed to the back of the Eisfach compartment. Since the Eisfach reservoir is mounted decoupled, the vibrations of the pump are also largely absorbed in order to keep the volume as low as possible.

### **Pump:**

VPP755

The VPP755 Eispumpe is the further development of the classic D5 pump. It is quieter and more powerful than this one and also offers the possibility to control the pump manually or via the 4-pin PWM connector. The pump is about 1cm shorter and therefore more compact than a classic D5 pump. The entire pump is enclosed in a stable and extremely noble aluminium cap.

### **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.