

## Alphacool Eisbecher Aurora D5 Acetal/Glas - 150mm with D5 VPP655 PWM

Alphacool article number: 13499

Download Center



### Quick Info

The Alphacool Eisbecher Aurora reservoir has an integrated pump top for powerful D5 pumps and comes with a VPP655 PWM pump. The tube of the reservoir is made of glass, the D5/VPP pump top and the lid of acetal. The combination of these two materials gives the expansion tank a magnificent appearance. The wow effect is provided by 12 digitally addressable RGB LEDs in the pump top and the Lighttower water effect inside the glass tube.

- Tube from real glass
- Brilliant digital aRGB illumination
- Powerful, via PWM controllable D5 pump

## Scope of delivery

1x Alphacool Eisbecher Aurora D5 Acetal/Glas - 150mm, black	2x Stand bracket
1x VPP655 PWM pump, black	3x Screw plug
4x M3x5 screws	1x Allen key
12x M4x8 screws	1x Plug tool
4x M4x12 screws	1x Digital-RGB adapter
4x M4 nuts	1x O-Ring 53x3,5 pump
2x 120mm Fan bracket	1x pump mounting
2x 120 - 140mm Fan bracket	

## Technical data

L x W x H	142 x 77 x 77mm
Pump compatibility	D5
Capacity	180 ml
Material Pump top & cover	acetal
Material tube	glass
Material framing bar	aluminium
Connection	1x G1/4" inner thread IN / 4x G1/4" inner thread OUT
Maximum working temperature	60 °C
Pressure tested	0,8 Bar
Quantity of digital aRGB LEDs	12
Power digital aRGB LEDs	5V
Power connector digital aRGB LEDs	3-Pin JST + 3-Pin 5V
Weight	567 g
Color	black

## Technical data VPP655 PWM

Dimensions (L x W x H)	65 x 65 x 57mm
Material pump	Synthetic material
Material axle	ceramics
Connections	4 Pin Molex
Speed Range	800-4800 RPM
Operating voltage	8-24V DC
Power consumption	23W
Maximum pumping head	3,7m
Max flow	1000 l/h
Max working temperature	60 °C
Color	black

## Download links

Manual	<a href="#">13499_Alphacool_Eisbecher_Aurora_D5_Acetal-Glas_-_150mm_with_D5_VPP655_PWM_Manual.pdf</a>
Product pictures	<a href="#">13499_Alphacool_Eisbecher_Aurora_D5_Acetal-Glas_-_150mm_with_D5_VPP655_PWM_pics.zip</a>

## Packaging dimensions per unit

L x W x H	250 x 150 x 110 mm
Weight	1500 g

## Other data

Certificates	CE, FC, ROHS
EAN	4250197134996
Customs code	84137081900

## Article text

The Alphacool Eisbecher Aurora reservoir has an integrated pump top for powerful D5 pumps and comes with a VPP655 PWM pump. The tube of the reservoir is made of glass, the D5/VPP pump top and the lid of acetal. The combination of these two materials gives the expansion tank a magnificent appearance. The wow effect is provided by 12 digitally addressable RGB LEDs in the pump top and the Lighttower water effect inside the glass tube.

### Extensive mounting options

#### Mounting option 1:

Stands are included in the scope of delivery, which, among other things, allow the expansion tank to be mounted on the bottom of the enclosure.

#### Mounting option 2:

Included in the scope of delivery are 120mm/140mm mounting frames, which can be used to mount the Eisbecher Aurora expansion tank as desired on free fan spaces, radiators or on the fans on radiators.

### Digitally addressable RGB lighting

12 digitally addressable RGB LEDs illuminate the glass tube of the reservoir. They are mounted in a ring at the lower end of the tube in the transition to the pump top and provide brilliant illumination of the entire expansion tank. In combination with the Lighttower water effect, a very special ambience is achieved. The digital aRGB LED lighting is connected via a JST 3-pin connector and can be controlled with a digital RGB controller (e.g. Alphacool Aurora Eiscontrol, Art.15360) or a digital RGB capable mainboard.

### Lighttower water effect

A special water effect is created in the Eisbecher reservoir via the riser tubes. If you do not fill the reservoir beyond the top edge of the riser tube, you get a kind of fountain effect. In this case, the water is pushed out the sides of the riser tube and splashed against the glass tube. Depending on the flow of the circuit, the effect is stronger or weaker.

### Pump

The VPP655 pump is ideal for PC and other electronics water cooling. The DC pump is equipped with an electronically commutated spherical motor. In a pump with a spherical motor the only moving part is a spherically shaped rotor which in this pump is held in place by a bearing ball made of ultra-hard and wear-resistant ceramic. The spherical bearing of the rotor offers many advantages: For example an increase of bearing play is impossible due to the design, allowing the pump to run quietly and smoothly over its whole lifespan. A separate magnetic shielding of the pump is not needed.