

Alphacool Rise Flat Reservoir D5 with VPP Apex pump

Alphacool article number: 15076



Quick Info

The Alphacool Rise Flat reservoir has an integrated pump top for powerful D5 pumps and comes with a VPP Apex pump. The combination of pump top and expansion tank is made entirely of acrylic. This makes maintenance and control of the water circuit much easier and gives the expansion tank a unique design. In addition, Alphacool's Rise Flat has 5 individually controllable 5V aRGB LEDs that create unique lighting effects. Thanks to the flat design, the reservoir can fit into even the tightest case.

- Simple maintenance and control of the water cooling system
- Easy filling, draining and venting possible
- Brilliant digital aRGB illumination

Scope of delivery

1x Alphacool Rise AGB Slim D5, clear	1x Plug tool
1x VPP Apex pump	1x Digital-RGB adapter
4x screw Plug	1x O-Ring 53x3,5 pump
2x bracket	1x stop plug
2x bracket extended	1x Digital-RGB LED
1x pump holder	4x M3x6 screws
4x M3x5 screws	4x M4x6 screws
8x M4x12 screws	1x Allen key

Technical data reservoir

L x W x H	120 x 120 x 50 mm
Pump compatibility	D5
Capacity	200ml
Material Pump top	acrylic
Material reservoir	acrylic
Connection	6x G1/4" internal thread
Maximum working temperature	60 °C
Pressure tested	0,8 Bar
Quantity of digital aRGB LEDs	5
Power digital aRGB LEDs	5V
Power connector digital aRGB LEDs	3-pin JST (male & female switch)
Weight	565 g
Color	clear

Technical data pump

L x W x H	65 x 65 x 41mm
Power consumption	14 W
Voltage	12V DC
Control range	8-13V DC
Power connection	4-Pin Molex
Control	Potentiometer and 4-Pin PWM
Head height	4,25 m
Maximum flow rate	340 L/h
Maximum working temperature	60 °C
Weight	276 g
Color	black

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Manual	15076_Alphacool_Rise_Flat_Reservoir_D5_with_VPP_Apex_pump_Manual.pdf
Product pictures	15076_Alphacool_Rise_Flat_Reservoir_D5_with_VPP_Apex_pump_pics.zip

Packaging dimensions per unit

L x W x H	215 x 165 x 100 mm
Weight	1298 g

Other data

Certificates	CE, FC, ROHS
EAN	4250197150767
Customs code	84733080000

Article text

The Alphacool Rise Flat reservoir has an integrated pump top for powerful D5 pumps and comes with a VPP Apex pump. The combination of pump top and expansion tank is made entirely of acrylic. This makes maintenance and control of the water circuit much easier and gives the expansion tank a unique design. In addition, Alphacool's Rise Flat has 5 individually controllable 5V aRGB LEDs that create unique lighting effects. Thanks to the flat design, the reservoir can fit into even the tightest case.

Compact design, flexible use

Due to the flat, compact design and the high number of connections, the Rise Flat reservoir can be used flexibly and can also be installed in the tightest of spaces. With the help of the mounting kit included in the scope of delivery, the reservoir can be mounted free-standing in the case, on a radiator or at free fan positions (see mounting example).

Connection options

The Rise Flat expansion tank has a total of 5 inputs and one output. All connections use a G1/4" thread. The 5 inlets are perfectly placed over the entire expansion tank. This allows for easy filling and draining and facilitates maintenance of the entire water circuit.

Brilliant lighting

On the side of the expansion tank, 5 digitally addressable 5V RGB LEDs can be installed, which create a unique, very noble-looking illumination. 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.

Maintenance

The acrylic reservoir allows visual control of the water cooling level. A total of 5 G1/4" inlets allow easy filling, draining and venting of the water circuit.

Compatibility

The Rise Flat AGB has an integrated pump top and is compatible with all original D5 pumps as well as all Alphacool VPP pumps.

Pump

The VPP Apex pump does without a spherical bearing and uses a ceramic shaft for smoother running. With a delivery head of 4.25 m, it offers high performance, but is significantly quieter than classic D5 pumps. The pump has versatile control options. The 4-pin Molex connection is used here only for the power supply via the power supply unit. Via the 4-pin PWM connection, the pump can be controlled via PWM and the speed can be read out. There is a rotary switch on the back of the pump. This controller has 5 levels for manually adjusting the pump. (1. 2100 rpm 120 L/h | 2. 2700 rpm 140 L/h | 3. 3330 rpm 280 L/h | 4. 3950 rpm 320 L/h | 5. 4350 rpm 340 L/h)

