

## Alphacool Rise Flat Reservoir D5 with VPP 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                       |

## Download links

|                  |   |
|------------------|---|
| Manual           | <a href="#">15076_Alphacool_Rise_Flat_Reservoir_D5_with_VPP_pump_Manual.pdf</a> |
| Product pictures | <a href="#">15076_Alphacool_Rise_Flat_Reservoir_D5_with_VPP_pump_pics.zip</a>   |

## 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   |
| Guarantee    | 3 years       |

## 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.

