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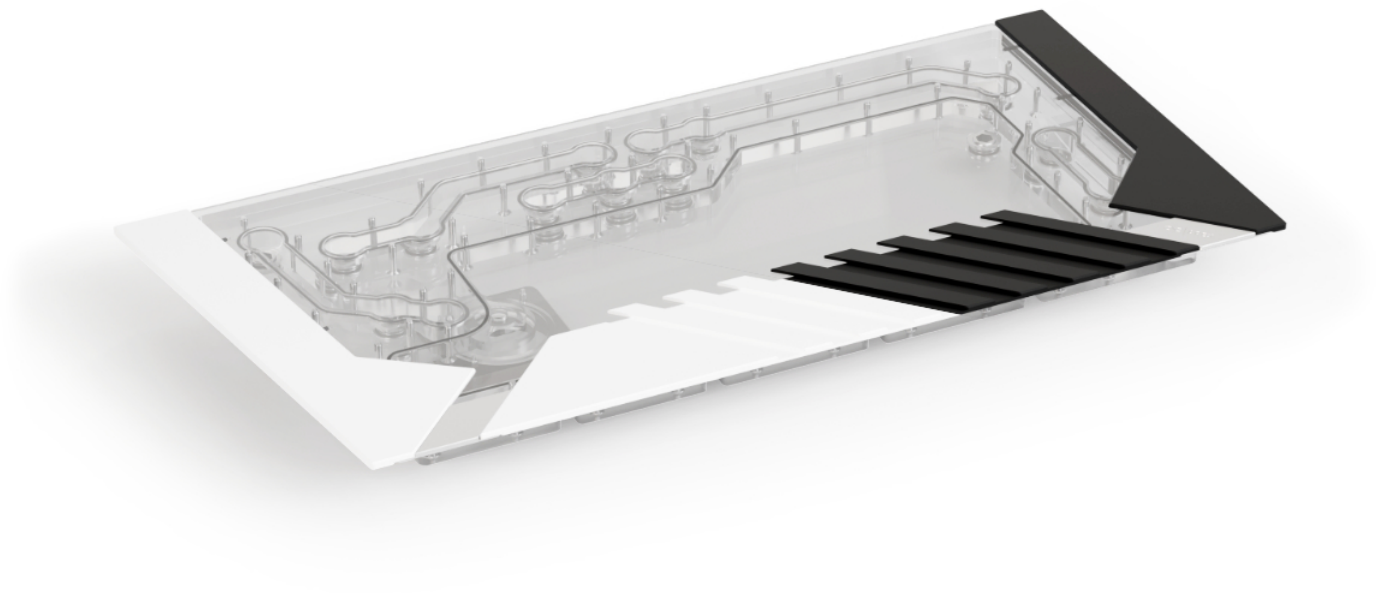
# Alphacool Apex Distro Plate NV9 MKII D5/DDC

Alphacool article number: 14756



## Quick Info

The Alphacool Apex Distro Plate is the ultimate visual upgrade for the Phanteks NV9 MKII. Specifically designed for this case, it replaces the front panel and enhances any custom water cooling system. One Distro Plate, two color options: Both black and white accent panels are included, ensuring a perfect match with either case color. A must-have for anyone looking to combine performance with premium design.

- Distro Plate for the NV9 MKII case
- Matched to the design of the case
- Supports D5 or DDC pumps
- Brilliant aRGB Illumination

## Compatibility

Phanteks NV9 MKII Black

Phanteks NV9 MKII White

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## Scope of delivery

1x Alphacool Apex Distroplate NV9 MKII D5/DDC
5x G1/4" Plug
1x Plug tool
1x ARGB Adapter
3x White front panels

## Technical data

| | |
|---|---|
| Dimensions (L x W x H) | 592.00 x 275.00 x 49.50 mm |
| Material cover | Aluminium (AlMg0,7Si) |
| Threads | 15x G 1/4 |
| Material connection thread | Brass (CuZn39Pb3) |
| Maximum torque G 1/4 thread | 1.00 Nm |
| Maximum torque M2 thread | 0.13 Nm |
| Maximum torque M2,5 thread | 0.27 Nm |
| Maximum torque M3 thread | 0.48 Nm |
| Maximum torque M4 thread | 1.12 Nm |
| Maximum operating temperature | 60 °C |
| Minimum operating temperature | -20 °C |
| Maximum tested pressure | 2.00 bar |
| Recommended working pressure | 0.00-1.00 bar |
| LED quantity and length | 28 Stk / 464.8 mm |
| LED voltage | 5 V DC |
| LED power | 8.4 W |
| LED current | 0.06 A |
| Max. filling volume | 510 ml |

## Technical data Pump

| | |
|---|---|
| Dimensions (L x W x H) | 65 x 65 x 41 mm |
| Material pump | synthetic material |
| Material pump cover | aluminium |
| Material axle | ceramics |
| Connections | 4-Pin PWM \| SATA |
| Rotational speed | 2500-4500 rpm |
| Cable lengths | 4-Pin PWM - 48 cm \| SATA - 48 cm |
| Operating voltage | 8-13 V DC / 14 W IP32 |
| Starting voltage | 12 V DC |
| Maximum pumping head | 4.25 m |
| Maximum flow rate | 340 L/h |
| Maximum working temperature | 60 °C |
| Weight | 276 g |
| Color | black |

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## Download links

| | |
|---|---|
| Manual | 14756_Alphacool_Apex_Distro_Plate_NV9_MKII_D5-DDC_Manual.pdf |
| Product pictures | 14756_Alphacool_Apex_Distro_Plate_NV9_MKII_D5-DDC_pics.zip |
| EU-DoC / CE / RoHS | Alphacool_EuDoc_CE_RoHS_14756.pdf |

## Packaging dimensions per unit

| | |
|---|---|
| L x W x H | 645 x 310 x 110 mm |
| Weight | 6360 g |

## Other data

| | |
|---|---|
| Certificates | CE, FC, RoHS |
| EAN | 4250197147569 |
| Customs code | 84733080000 |
| Guarantee | 3 years |

## Article text

The Alphacool Apex Distro Plate is the ultimate visual upgrade for the Phanteks NV9 MKII. Specifically designed for this case, it replaces the front panel and enhances any custom water cooling system. One Distro Plate, two color options: Both black and white accent panels are included, ensuring a perfect match with either case color. A must-have for anyone looking to combine performance with premium design.

The Alphacool Apex product line stands for absolute perfection. Manufactured from high-quality materials and developed using cutting-edge technology, the Distro Plate delivers a true high-end experience. The chrome-plated G1/4" ports, made from solid brass, prevent leaks caused by cracks, as they are not screwed directly into the acrylic. Instead, the ports feature a two-piece design with an O-ring, allowing the components to interlock during installation. This ensures a secure and reliable seal within the acrylic.

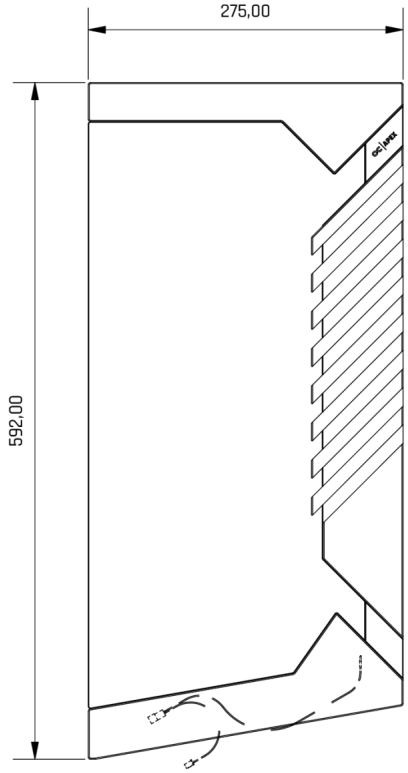
Made from high-quality acrylic glass, the Apex Distro Plate provides an unobstructed view of the water cooling loop. The integrated aRGB lighting creates stunning lighting effects and showcases the case in spectacular fashion. The Distro Plate comes with pre-installed black accent panels. Additional white accent panels are included, seamlessly complementing the design of the white case variant.

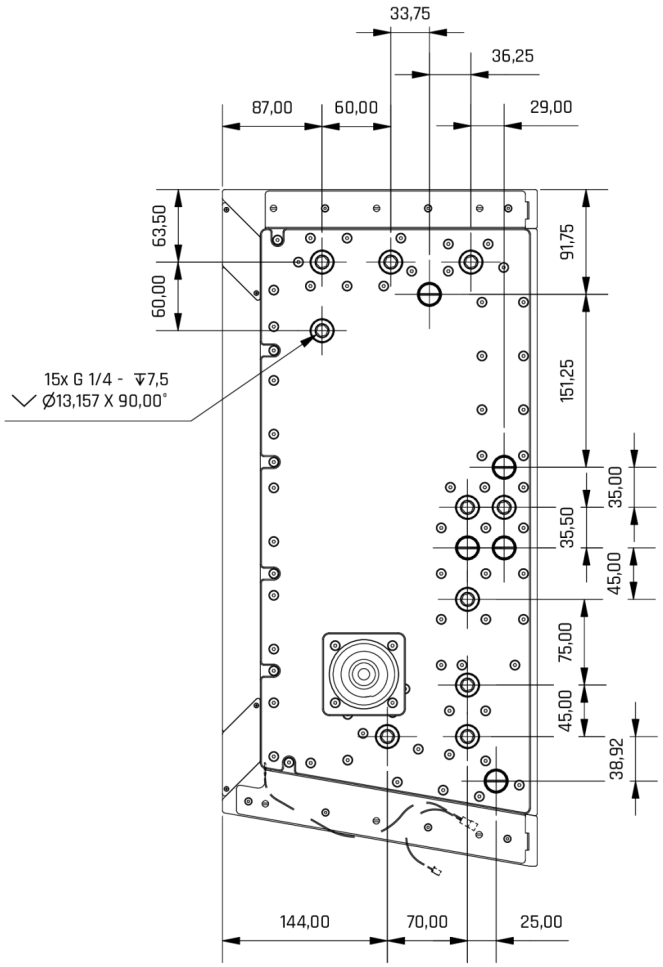
A particular highlight is the newly developed pump mount: The Apex Distro Plate supports both D5/VPP and DDC pumps.

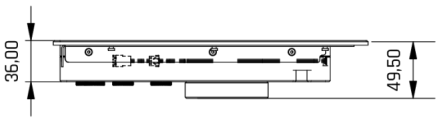
The NV9 MKII case offers numerous options for individual configurations. The Apex Distro Plate is perfectly tailored to accommodate these different setups. It replaces the front panel and can be installed easily and securely using the case's original screws and mounting bracket.

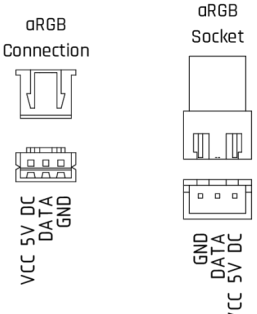
Note: The Apex Distro Plate for the NV9 MKII is compatible exclusively with these cases. A pump is not included in the scope of delivery.

# Figure (1)




General tolerance: ± 0,25mm
Dimension in millimeter

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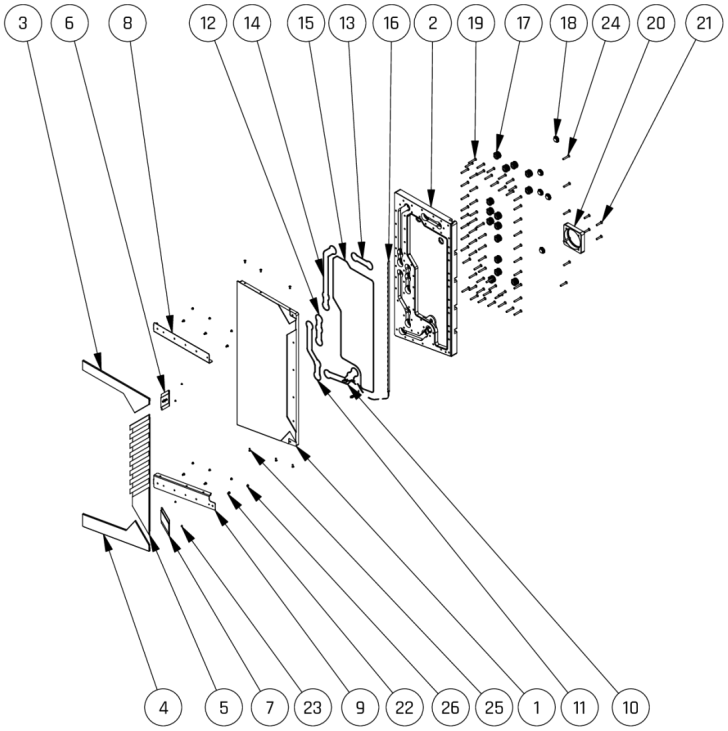
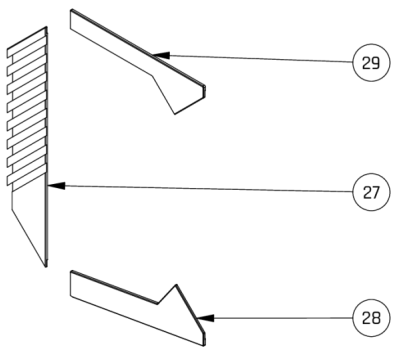
# Figure (2)

| Mechanical properties: | | | | | |
|---|---|---|---|---|---|
| LED quantity and length | 28pc. / L =464,8mm | Maximum filling volume ml = | 510ml | Maximum torque of M thread<br>DIN 13-1 Metric ISO standard thread | M max = M2X0,4 = 0,13Nm<br>M2,5X0,45 = 0,27Nm<br>M3X0,5 = 0,48Nm<br>M4X0,7 = 1,12Nm |
| LED Voltage V = | 5 V | Working pressure p = | 0,0 - 1,0Bar | | |
| LED Ampere A = | 0,06 A | Maximum pressure p max = | 2,0Bar | | |
| LED Power W = | 8,4 W | Maximum torque of G thread M max = G1/4 = 1,0Nm<br>ISO 228-1 Parallel Whitworth pipe thread BSPP (GB) | | | |
| Minimum temperature t min = | -20°C | | | | |
| Working temperature t = | 20°C | | | | |
| Maximum temperature t max = | 60°C | | | | |




| Spare parts list | | | |
|---|---|---|---|
| Number | Quantity | Description | Material |
| 1 | 1 | Front PMMA | DX001 |
| 2 | 1 | Back PMMA | DX001 |
| 3 | 1 | Designcover Top part | AlMg0,7Si |
| 4 | 1 | Designcover bottom part | AlMg0,7Si |
| 5 | 1 | Designcover middle part | AlMg0,7Si |
| 6 | 1 | Designcover top chrome element | AlMg0,7Si |
| 7 | 1 | Designcover bottom chrome element | AlMg0,7Si |
| 8 | 1 | top mounting bracket | Cr01 |
| 9 | 1 | bottom mounting bracket | Cr01 |
| 10 | 1 | O-Ring 116,8 x 2 | NBR Shore 70 |
| 11 | 1 | O-Ring 142 x 2 | NBR Shore 70 |
| 12 | 1 | O-Ring 80,2 x 2 | NBR Shore 70 |
| 13 | 1 | O-Ring 66 x 2 | NBR Shore 70 |
| 14 | 1 | O-Ring 172,8 x 2 | NBR Shore 70 |
| 15 | 1 | O-Ring 351,5 x 2 | NBR Shore 70 |
| 16 | 1 | aRGB LED 464,8mm (28 LEDs) | - |
| 17 | 15 | Bulkhead fitting | - |
| 18 | 5 | Alphacool Eiszapfen Screw Plug G1/4 Chrome | CuZn39Pb3 |
| 19 | 60 | M4 x 28 | X10CrNi18-8 |
| 20 | 1 | Universal Pump bracket | POM-C 4520 |
| 21 | 4 | M4 x 20 | X10CrNi18-8 |
| 22 | 6 | Mounting screws | X5CrNi18-10 |
| 23 | 4 | M2 x 8 | X5CrNi18-10 |
| 24 | 6 | M4 x 24 | X10CrNi18-8 |
| 25 | 6 | M3 x 8 | X10CrNi18-8 |
| 26 | 7 | M3 x 5 | X5CrNi18-10 |




| Spare parts list | | | |
|---|---|---|---|
| Number | Quantity | Description | Material |
| 27 | 1 | Designcover middle part | AlMg0,7Si |
| 28 | 1 | Designcover bottom part | AlMg0,7Si |
| 29 | 1 | Designcover Top part | AlMg0,7Si |