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Alphacool Core Flat Reservoir 240 Right with VPP pump

Alphacool article number: 15487

Quick Info

The Alphacool Core Flat Reservoir not only looks sleek with its aRGB lighting, but also offers flexibility with a total of 5 connections. The reservoir is made entirely of acrylic. Due to its flat design, the Core Flat Reservoir also fits in small cases. A VPP Pump is already pre-mounted.

- Easy filling, draining and venting
- Transparent Reservoir
- Brilliant digital aRGB illumination
- VPP pump included

Compatibility

- Can be mounted on the radiator or panel

Scope of delivery

1x Core Flat Reservoir 240 Left	4x M4x22 Pump Screw
1x O-Ring	6x Core Push Mount Set
1x VPP-D5 Pump	4x G1/4 Plug
1x Allen Key	1x ARGB Adapter

Technical data

Dimensions (L x W x H)	240,00 x 125,00 x 45,00mm
Volume (reservoir)	270ml
Material	Acryl
Pump compatibility	D5/VPP
Threads	5x G1/4" inner thread / 1x drain port
Maximum working temperature	60 °C
Pressure tested	0,8 Bar
Quantity digital aRGB LEDs	12
Voltage digital aRGB LEDs	5V
Power connection digital aRGB LEDs	3-Pin JST + 3-Pin 5V
Color	transparent

Technical data pump

Dimensions (Flat Reservoir with pump) (L x W x H)	240,00 x 125,00 x 91,79mm
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 - 48cm | SATA - 48cm
Operating voltage	8-13V DC / 14W IP32
Starting voltage	12V DC
Maximum pumping head	4,25m
Maximum flow rate	340L/h
Maximum working temperature	60°C
Weight	276g
Color	black

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Manual	15487_Alphacool_Core_Flat_Reservoir_240_Right_with_VPP_pump_Manual.pdf
Product pictures	15487_Alphacool_Core_Flat_Reservoir_240_Right_with_VPP_pump_pics.zip

Packaging dimensions per unit

L x W x H	300 x 145 x 65 mm
Weight	1850 g

Other data

Certificates	CE, FC, RoHS
EAN	4250197154871
Customs code	84733080000
Guarantee	3 years

Article text

The Alphacool Core Flat Reservoir not only looks sleek with its aRGB lighting, but also offers flexibility with a total of 5 connections. The reservoir is made entirely of acrylic. Due to its flat design, the Core Flat Reservoir also fits in small cases. A VPP Pump is already pre-mounted.

Core Design

A key element of Alphacool's Core Design series are the chrome-plated G1/4" connections made of brass. In the Core Flat Reservoir, the connections are recessed rather than screwed into a thread, bypassing the problem of possible leaks due to cracking from the direct screwing of the connections into the acrylic. The connections are in two parts, fitted with an O-ring and counter each other when mounted in the acrylic. This not only ensures absolute sealing of each connection, but also allows for the clear and functional appearance of the Alphacool Core Design series.

Easy installation

With the included Core Push Mounting kit, the Core Flat Reservoir can be mounted on the case panel or on a radiator. The metal pins are attached to the radiator or case panel and the matching female sleeves are attached to the Flat Reservoir (see manual). In the next installation step, the Flat Reservoir is simply and tool-free pushed onto the pins. Alphacool's Push-Mounting allows for a secure fit of the reservoir on the case panel or on the radiator and allows for easy disassembly for maintenance or expansion projects.

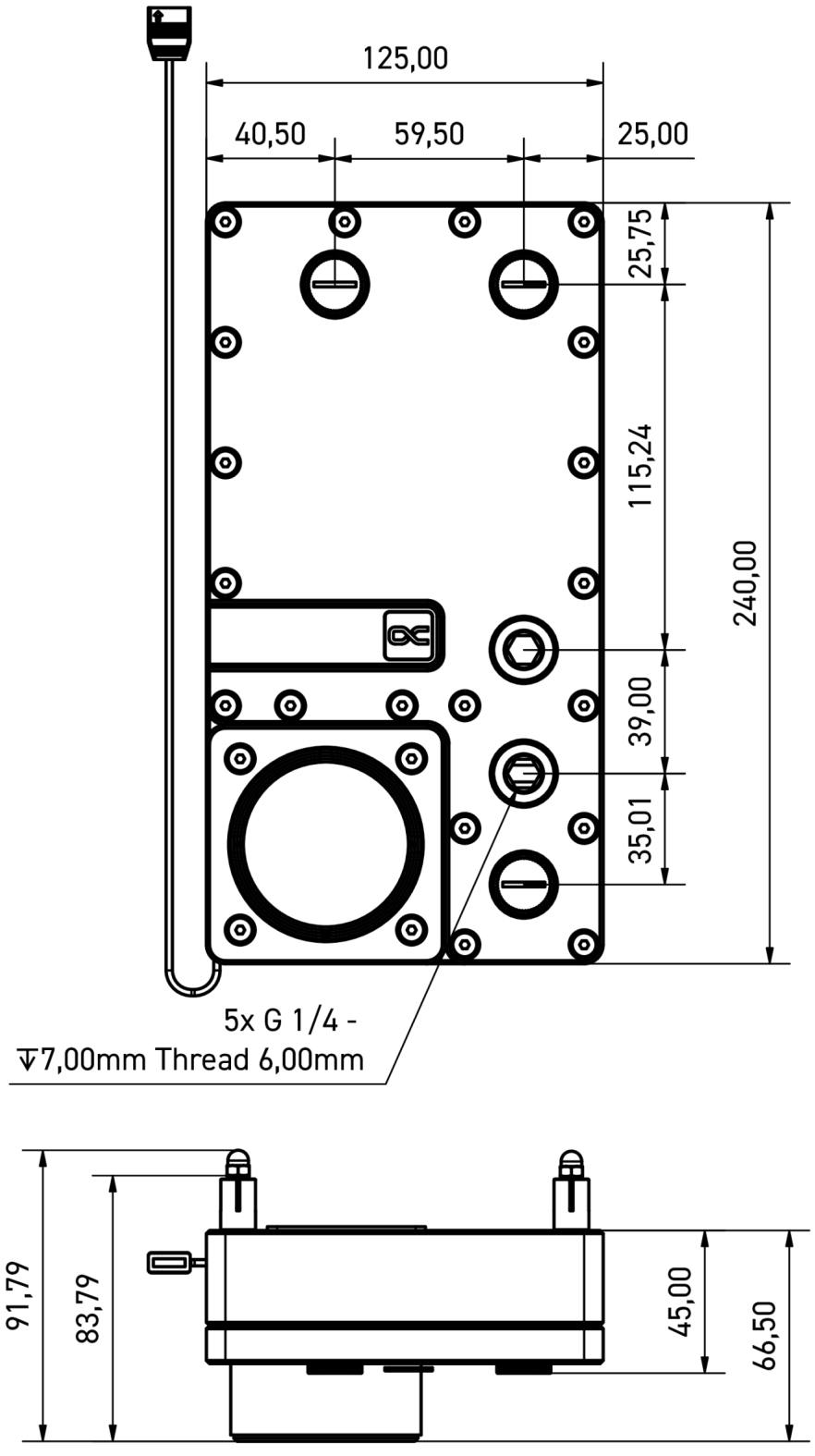
Gamechanger

The Core Flat Reservoir is offered as a 240mm or 360mm version, with right positioning of the pump top. This makes the reservoir ideal for custom water loops. An additional drain port is located on the side, allowing for easy and uncomplicated draining of the Flat Reservoir.

High-quality material selection & brilliant lighting

Alphacool's Core Flat Reservoir is made of high-quality acrylic glass, allowing for an unobstructed view of the coolant and brilliant illumination by the built-in digital addressable aRGB LEDs. The lighting can be controlled via a digital aRGB header on the motherboard or optionally through Alphacool's Aurora Eiscontrol aRGB controller (item number: 15360).

Drawing



General tolerance: ± 0,25mm
Dimension in millimeter