V. 1.003 // 09.2026

Download Center

Alphacool ES Orbiter 360 TS

Alphacool article number: 11932

Quick Info

The Alphacool ES Orbiter 360 TS is an external cooling system for industrial applications. It is compact and powerful, using two HPE-30 NexXxoS Full Copper radiators with a total of 360mm for cooling. The ES Orbiter 360 TS can dissipate heat of up to 1300 watts*.

- For industrial applications
- Compact and powerful
- Easy to fill and vent
- Total 360mm Full Copper cooling surface
- Color display and fill level indicator on the front panel

Scope of delivery

1x ES Orbiter 360 TS
1x Filling funnel G1/4"
1x Power Supply 120cm
1x Power Plug 50cm

Technical data ES Orbiter

Dimensions (L x W x H)	378,80 x 224,46 x 185,30mm
Housing: Material	Metal
Radiator: Materiel	Copper
Tube: Material	TPV (EPDM)
Radiator: Fins Per Inch	18
Approved liquids	water, water/glycol mixture
Max. Cooling capacity	up to 1300W at an ambient temperature of 23°C
Voltage	12V DC
Total power consumption	17,7W
Approved water pressure	0,8bar
Fillport	1x G1/4“
Water connections	2x G1/4“
Air balance connection	1x G1/4“
Permitted operating temperature (PC water cooling)	60°C
Permitted operating temperature (industrial applications)	75°C
Reservoir: Volume	445ml
Pump: Flow rate	340l/h
Pump: max. pumping head	3,125m
Fan: max. speed	2500rpm
Fan: max. air flow rate	83,3m³/h
Display	Multicolor, indication optionally in °C or Fahrenheit
Sensor type	NTC 10 kOhm thermistor
Color	black, silver

Download links

Manual	11932_Alphacool_ES_Orbiter_360_TS_Manual.pdf
Product pictures	11932_Alphacool_ES_Orbiter_360_TS_pics.zip
EU-DoC / CE / RoHS	Alphacool_EuDoc_CE_RoHS_11932.pdf

Packaging dimensions per unit

L x W x H	460 x 310 x 300 mm
Weight	8200 g

Other data

Certificates	CE, FC, RoHS
EAN	4250197119320
Customs code	84195080900

Article text

The Alphacool ES Orbiter 360 TS is an external cooling system for industrial applications. It is compact and powerful, using two HPE-30 NexXxoS Full Copper radiators with a total of 360mm for cooling. The ES Orbiter 360 TS can dissipate heat of up to 1300 watts*.

Powerful Cooling!

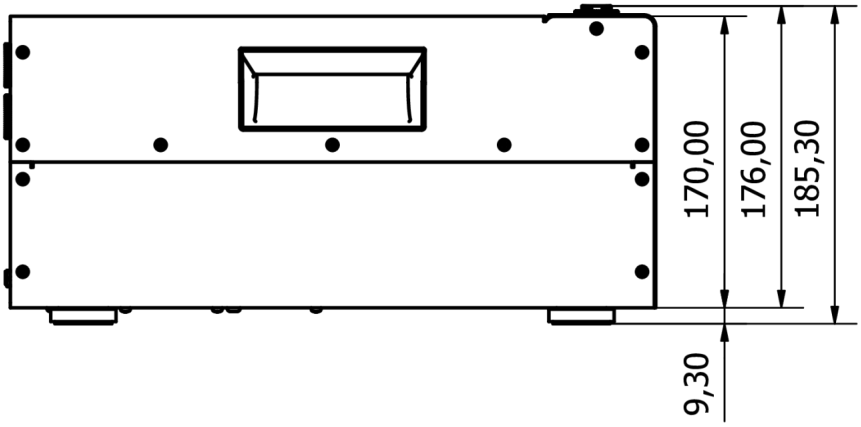
The system utilizes a 120mm and a 240mm NexXxoS Full Copper radiator with 30mm thickness each in the HPE variant. The HPE version of the NexXxoS radiators features a condensed design of the cooling channels, allowing more coolant to flow through the radiator and significantly improving the cooling performance. The three Alphacool Core 120mm fans with high durability ensure optimal ventilation of the radiators. The fans and pump are controlled and monitored by the ES Guardian Powerfan Hub, which alerts in case of component failure. The temperature can be monitored with the color display on the front, which also features a fluid level indicator to determine the amount of liquid in the system.

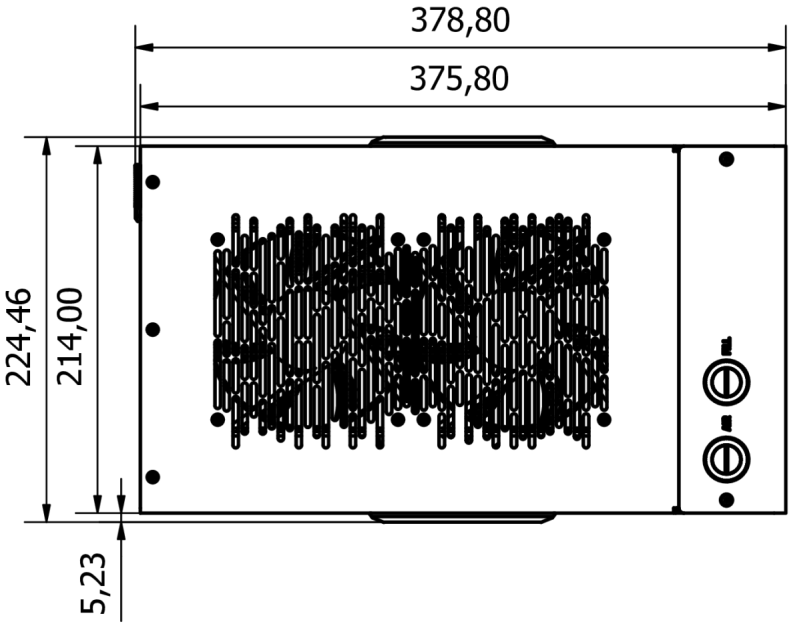
Compact Design

The ES Orbiter has a simple and sleek design, with two built-in handles on the left and right for easy lifting. The Alphacool Eisfach with integrated and powerful third-generation VPP755 pump is used as the reservoir. Thanks to this powerful pump, almost any desired loop can be reliably operated. Refilling the coolant is easy using to the fill port on the top, and the system can be easily vented through the adjacent valve. The water inlet and outlet, as well as the power connector, are located on the back of the Orbiter.

*at an ambient temperature of 23°C

Figure





General tolerance: ± 0,25mm
Dimension in millimeter