

Alphacool ES Aluminium 240 mm T27 - (For Industry only)

Alphacool article number: 14427



Quick Info

The all-aluminium ES T27 and T38 radiators from Alphacool's ENTERPRISE SOLUTIONS series were specially developed for use in the industrial range. Due to the low construction height of 27mm or 38mm, they find space in the tightest of spaces and enable the water cooling of technical equipment in the automotive industry, in mechanical engineering or in the production of films and videos.

- Low overall height & variable use
- Suitable for industrial high-performance fans
- Additional cooling channels for more cooling capacity
- Aluminium cooling channels
- Not compatible with copper products

Scope of delivery

1x Alphacool ES Aluminium 240 mm T27, Black

8x M3x30 screw

8x M3x5 screw

Technical data

| | |
|--|------------------------------|
| L x W x H | 276 x 120 x 27 mm |
| Quantity of cooling channels | 14 |
| Material cooling fins, channels & prechamber | Aluminium |
| Material outer housing & threads | Aluminium |
| Fins per Inch | 19 |
| Threads | 2x G1/4" |
| Thread size fan mounting | M3 |
| Fan size | 120 mm |
| Fan slots | 2 one-sided / 4 double-sided |
| Max working temperature | 90 °C |
| Pressure tested | 0,8 bar |
| Weight | 321 g |
| Color | Black |

Download links

| | |
|------------------|---|
| Product pictures | 14427_Alphacool_ES_Aluminium_240_mm_T27_-__(For_Industry_only)_pics.zip |
|------------------|---|

Packaging dimensions per unit

| | |
|-----------|-------------------|
| L x W x H | 315 x 130 x 40 mm |
| Weight | 435 g |

Other data

| | |
|--------------|---------------|
| Certificates | CE, FC, RoHS |
| EAN | 4250197144278 |
| Customs code | 84195080900 |

Article text

The all-aluminium ES T27 and T38 radiators from Alphacool's ENTERPRISE SOLUTIONS series were specially developed for use in the industrial range. Due to the low construction height of 27mm or 38mm, they find space in the smallest of spaces and enable the water cooling of technical equipment in the automotive industry, in mechanical engineering or in the production of films and videos.

High Performance

Compared to Alphacool's full copper models, all ES T27 and T38 aluminium radiators have additional cooling channels. This technical design allows a significant increase in cooling capacity without restricting the water flow within the radiator. The radiators have a high fin density and are particularly suitable for use with fans with high air pressure and air throughput. This achieves a significant increase in the performance of the water-cooled components.

Fitting and mounting options

The radiator offers an inlet and outlet (IN/OUT) with G1/4" thread. Screws for case mounting (M3x5) and for fan mounting (M3x30) are included with the radiator. Additional screws are not required for single-sided fan mounting.

Important note

This is an Enterprise Solutions Aluminium product. The ES aluminium radiators must not be used together with copper water cooling products (radiators, fitting, etc.). Using aluminium & copper components together will cause severe damage to the liquid cooling loop.