Cobolt HS-04 Heatsink

Heat sink with fans for Cobolt 05-01 Series and Q-switched lasers

<table>
<thead>
<tr>
<th>Cobolt model number</th>
<th>HS-04</th>
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<tbody>
<tr>
<td>Thermal resistance</td>
<td>&lt; 0.25 K/W</td>
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<tr>
<td>Material</td>
<td>Aluminium</td>
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</tbody>
</table>

HS-04 is suitable for use with Cobolt 05-01 Series and Q-switched lasers:
- Cobolt Zouk™ 355 nm
- Cobalt Calypso™ 491 nm
- Cobolt Fandango™ 515 nm
- Cobolt Samba™ 532 nm
- Cobolt Jive™ 561 nm
- Cobolt Flamenco™ 660 nm
- Cobolt Rumba™ 1064 nm
- Cobolt Tor™
- Cobolt Odin™

Dimensions [mm] [inches]
- 176 x 117.8 x 54
- 6.9 x 4.6 x 2.1

To ensure operation within given specifications and for the warranty to be valid, the Laser Head must be attached to a heatsink providing good thermal resistance. This value is the difference between the maximum operating laser base plate temperature (50°C) and the maximum ambient temperature at the air-heatsink interface (40°C), divided by the maximum power dissipated from the laser head (~50W). The mounting surface should be flat (within 0.05 mm over mounting surface).

It is recommended to use a thermal heat compound between the laser head and the heat sink to provide good thermal contact.

The forced air heatsink is designed to accommodate all Cobolt 05-01 Series and Q-switched lasers footprints and can be bolted to a standard metric or imperial optical table.