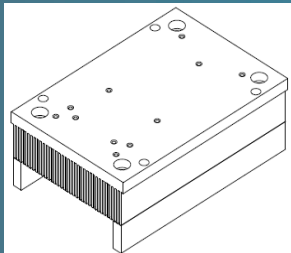


Heatsink with fan for Cobolt 05-01 lasers

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), and it is recommended to use a thermal heat compound between the laser head and the heat sink to provide good thermal contact. The heatsink is designed to accommodate all Cobolt laser footprints and can be bolted to a standard metric optical table.



Specifications

Thermal resistance	0.25 K/W
Material	Aluminium
Cobolt Model number	HS-02
Dimensions [mm] [inches]	150 x 102 x 52 5.9 x 4.0 x 2.0
Suitable for use with laser models	Cobolt Zouk™ 10 mW Cobolt Samba™ 0.5 and 1 W Cobolt Rumba™ 0.5, 1 and 2 W

Dimensions [mm]

