


<b>LDP-50-HS</b>			
Assembly Instruction			
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The Assembly Instruction for the Heat Sink Kit LDP-50-HS, is valid for the LDP-5023

### **Part list**

- 1x heatsink with fan
- 1x thermal conductive foil
- 3x hexagonal screw Din 912 STV M3X6 mm


### **Required tools**

- Screwdriver (hexagon socket 2,5 mm )
- Cutting blade
- Tweezers

### **Safety instructions**

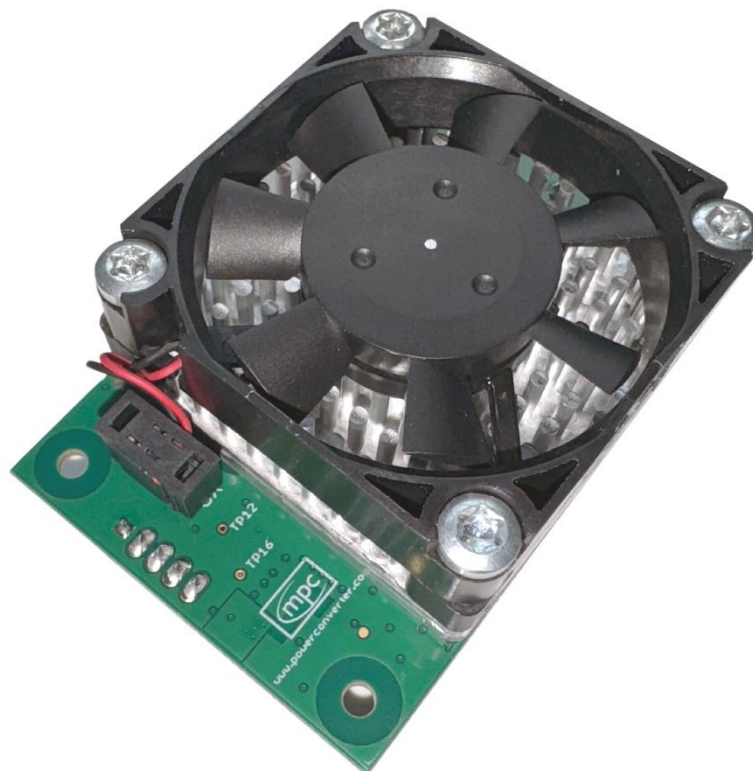
Please note the separate fan manufacturer's safety instructions: [sepa\\_anleit\\_dc\\_gb.pdf](#)


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<b>LDP-50-HS</b>			 <b>ROITHNER LASERTECHNIK</b>
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### Assembly of heatsink kit

1. Make sure that all surfaces are clean and free from dust.
2. The thermal conductive material is covered by two protection foils. A smooth one and a perforated one.  
Remove the smooth protection foil from thermal conductive material. Be careful to not scratch or harm the thermal conductive material.
3. Put thermal conductive material on Heatsink, avoid blister between heatsink and thermal conductive material. Flatten out thermal Material.
4. Remove the perforated protection foil from thermal conductive material.
5. Fix LDP-5023 on heatsink with M3x6 mm screws. Recommended torque: 0.6Nm.
6. Connect the Connector of heatsink Kit to the LDP-5023  
The connector can be plugged only in one direction.



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### Recomendation for assembly in customer Systems

Do not cover or block Fan of Heatsink Kit.

For proper air circulation at least 10 mm installation distance around the heatsink should be kept.

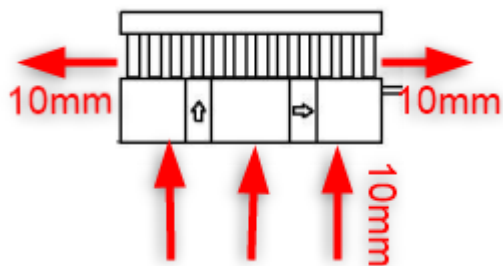


Figure 1: Recommended installation distances. Red arrows show airflow direction