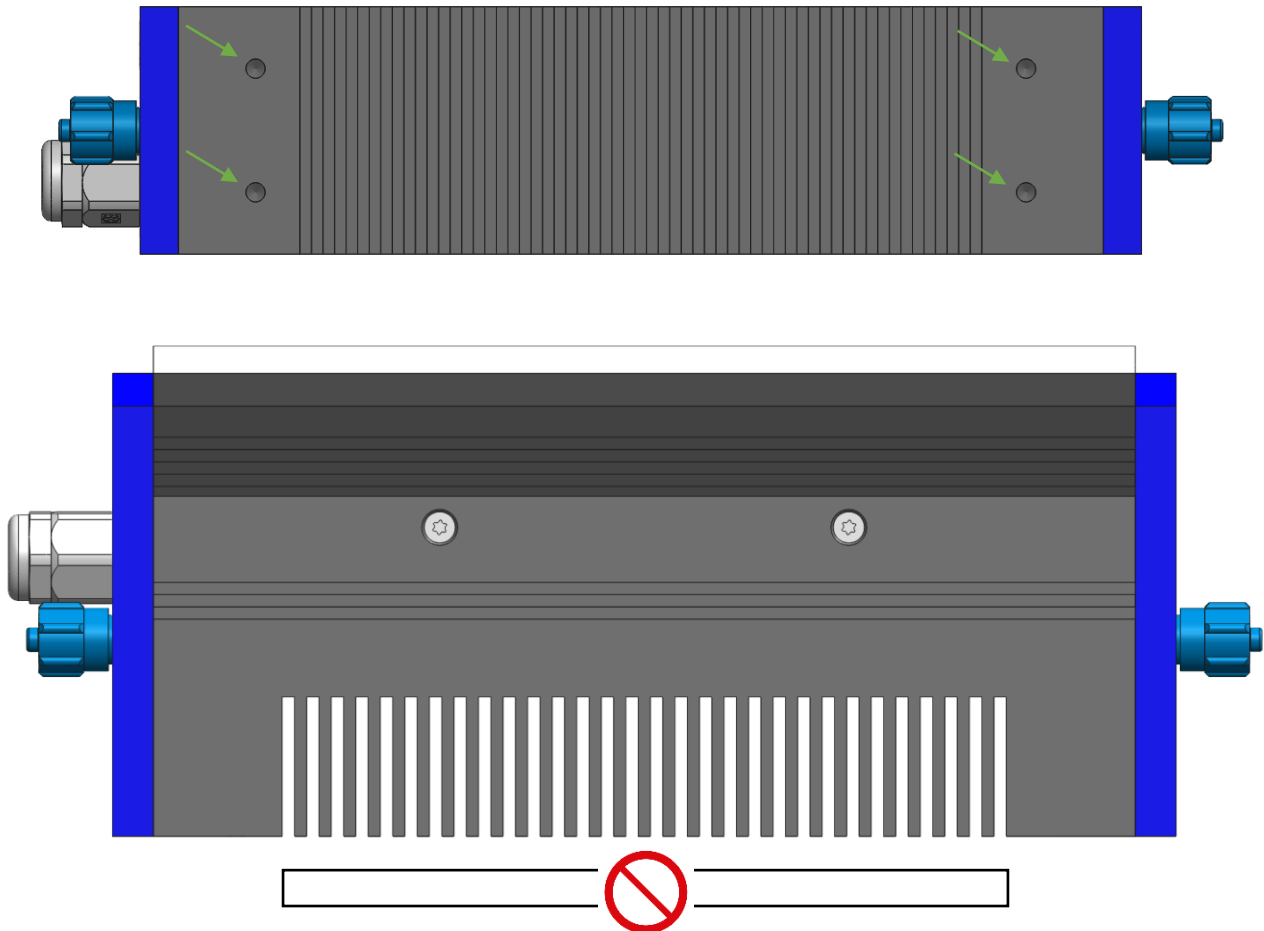


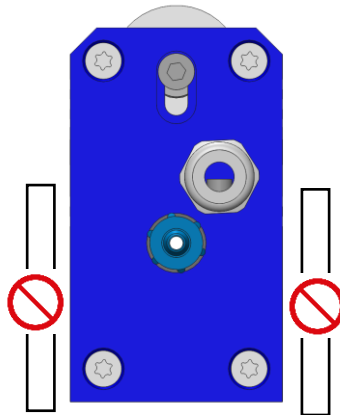
LTLNC Series – Cooling instructions

LTLNC Series products can be cooled by two different methods (both methods can be used at the same time).

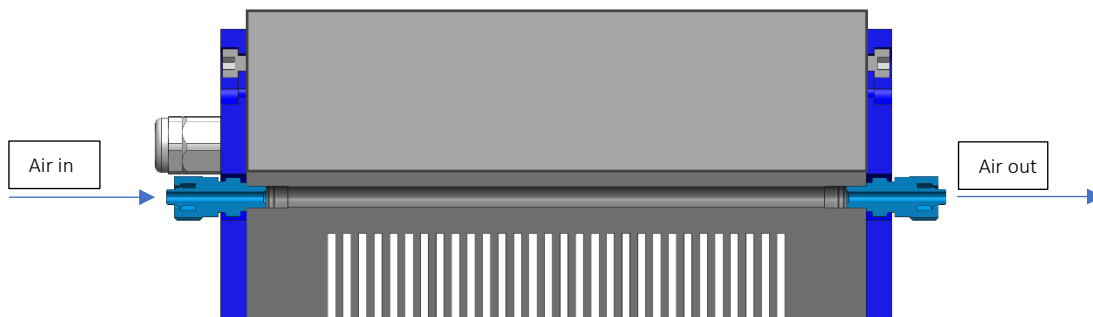
1. **Passive cooling** (attached to the machine frame for better heat dissipation). This is the most simple and effective solution. For this purpose, N°4 M3 threaded blind holes are provided on the back of the product. It is important to allow air circulation around the fins, and to avoid placing surfaces near the bottom or near the sides of the metal case.

The picture below shows the N°4 holes that must be used for product fixing.





2. **Compressed-air cooling** (by applying compressed air to the connectors), as detailed in the picture below showing a simplified section of the product. The air flows through the deep hole provided into the case, improving the cooling of the LED board. Using compressed air cooling, the case temperature can be reduced by typically 10°C – 15°C. Air must be clean and dry, according to the specification listed below.



Pneumatic specs:

Operating pressure: 6 bar maximum.

Air type: compressed air as per ISO 8573-1:2010.

Connection: for pneumatic tubing, outside diameter 4 mm for barbed fitting.

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