

# External liquid to air cooler



Our live event projectors have premium integrated laser cooling to prevent overheating. However, what if you are operating in extreme conditions? Or if the installation is set in a closed, poorly ventilated environment? That's where our external cooler comes in.

The external liquid-to-air coolers reduce the projector heat dissipation with 70%. The projector's cooling liquid is transported to the external unit, where fans will cool down the liquid from the projector.

This separate cooling unit (complete with cable and tube (8m)) can be placed up to 24m away from the projector itself. You put them in a different room, or even on a different floor, so as not to hinder the on-site set-up and audience. As a result, the fans in the projector don't need to work as hard to maintain a healthy operating temperature, reducing the noise with up to 6dB as fan speeds drop.

This is especially useful when working with devices in climate boxes or when installing multiple projectors in projection towers, which makes it harder to remove the heat. The cooler, controlled and powered by the projector, ensures that the temperature of the laser banks, and all other components within the light source are optimal which also improves the overall optical performance and laser lifetimes.

**Product specifications****EXTERNAL LIQUID TO AIR COOLER****General specifications**

Dimensions (WxLxH)	325.3 x 736.3 x 478.9 mm
Weight	19.4 kg and 23 kg (with packaging)
Noise level	50-52 dB (A) (with air filter)
Operational ambient temperature	0-35°C (max 20°C difference with projector)
Operational ambient humidity	0% Rh to 80% RH non-condensed
Max. height difference vs projector	5 m
Exhaust airflow	185 max CFM

Last updated: 18 Jul 2025

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