



Using an Aquavision in Extreme Environments

Extreme environments include swimming pools, saunas, and steam rooms.

For these environments we recommend only using the frameless models as the metal bezel can get very hot to touch. When you are installing your Aquavision in a Pool, Sauna, Steam Room, or other extreme environment, your LCD TV will need extra ventilation.

This is obtained by either of the following ways dependent in the heat and the chosen option:

- At the back of the unit, it will be necessary to fit two ventilation grilles. One of these should be below the LCD, the other above it. These should be large enough to allow sufficient uninhibited free air movement for convection cooling.
- The back box should be totally uncovered allowing convection cooling to happen.
- If the TV is installed directly over the heat generator, if the heat of the screen is expected to be above 45°C (113°F), then forced air cooling will be required. For this the back box will need to be modified to allow forced air in at the bottom and to exit through vents at the top. A minimum of 60m² (70yds²) per hour is recommended for this.

In most cases, one of these three procedures will suffice. However, in some extreme cases, a certain degree of forced air will also be required between the glass and the LCD to facilitate adequate cooling of the screen front.

It is the installer's responsibility to ensure that the Aquavision is installed correctly and that there is adequate cooling. Aquavision takes no responsibility for damage caused by insufficient cooling or any other installation issue. The above is meant as a guide only and covers most applications. All cases differ and so should be looked at individually by the installer.



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