

AIRsteril Replacements

Inside all AIRsteril units there will be a lamp, lamp holder and electrical ballast. The lamp holders we use are "standard" sizes, predominately 2G7 in our Washroom products and 2G11 in the majority of other ranges. Our electrical ballasts will determine the control of power to each lamp variation to ensure strong and consistent lamp operation therefore use of an incorrect ballast can cause failure or poor performance.

It is essential that only AIRsteril lamps are used in AIRsteril products, use of alternative lamps will stop products functioning correctly and may cause various additional problems. An unfortunate issue we face, is that basic UV lamps which may be used in a pond filter or generic UV product often use the same size of lamp holders (2G7/2G11) which can lead to unscrupulous companies claiming these lamps are suitable for use in an AIRsteril unit, however this is not the case and the correct lamps can only be sourced from our approved distributors. I've included some additional details below on what makes our lamps different. There is also coding and visual indicators included with all our lamps so our trained personnel can always identify an official lamp should you require any further guidance.

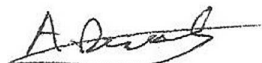
AIRsteril lamps may appear visually very similar to a standard "Germicidal" UV lamp which is offered by multiple suppliers. There are also basic Ozone generating UV lamps available which make a range of claims regarding consistency and performance which are universally unproven.

Looking at apparently cheaper alternatives with the naked eye reveals some of the most obvious issues like defects or bubbling, however under a microscope it would be possible to see many more key differences, down to the type and quality of quartz material used in the manufacturing process.

We only use the finest USA imported quartz sand material within our lamps, quartz can easily be sourced in China at a much cheaper cost, but this would not give the quality we require for our technology to produce desired results. The filament within each AIRsteril lamp is an upgraded re-enforced filament which is manufactured in house to ensure the highest reliability and longest lifespan.

Attested by: Alex Dewsbery

Signed:



Position: Company Director

Date: 30th October 2023