



An Introduction to Water Cremation, by Aquamation...

The Natural Process...

Water Cremation, by Aquamation, is a more natural, ethical and environmentally friendly alternative to cremations. It uses water instead of fire to return a body to nature.

The decomposition process taking place is called Alkaline Hydrolysis, which is the same natural way in which a human or animal returns to nature if buried without a coffin in the soil, or placed in a flowing stream of water.

Water Cremation, by Aquamation, is a non-burn process more like natural decomposition than any other method since the same natural decomposition of tissue occurs, just at a faster rate.

What actually happens...?

With Water Cremation, by Aquamation, an individual body is gently placed in a clean, stainless steel vessel. A combination of flowing water, temperature and alkalinity are used to accelerate the natural course of tissue hydrolysis.

The process is completely automated.

At the end of this process, the body has been returned to its constituent elements - amino acids, peptides, sugars and salts - dissolved in the water. There is no DNA to link back to the person and the only solid remains are the bones. Remember – our bodies are 70% water to begin with! The only solid remains are the bones, as per a cremation.

What happens to the water...?

The water is a fantastic fertilizer, and can be spread on the flowers to help them grow.

What about the funeral ceremony...?

The traditional funeral ceremony and returning of the ashes remains unchanged. In both cases, mourners see the coffin go behind a curtain – in the case of cremation, the body is put into an incinerator; in the case of Water Cremation, by Aquamation, the body is placed into a water vessel.

The bones remain with Water Cremation, by Aquamation, as they do after a cremation, and likewise are in both cases ground and presented to the relatives as ashes.



The Advantages of Water Cremation, by Aquamation...

The environmentally kinder alternative....

- Water Cremation uses just 10% of the energy needed in a cremation. Cremations often use temperatures in excess of 1,000°C, and so are major energy consumers.
- In Water Cremation, there are no air emissions; 100% pollution free. In a cremation on the other hand, 200 kg of greenhouse gases are released each time.
- In Water Cremation, no 'organic matter' escapes from chimneys as occurs in some older cremators that scatters burnt ash into neighbouring areas.
- In many countries cremators must now be installed with mercury filters, costing up to \$500,000. By contrast, in Water Cremation, by Aquamation, there are no mercury emissions at all.
- In Water Cremation, no methane gas is produced. In a burial, this can seep out along with other toxic fluids and leak into groundwater.
- In Water Cremation, there is no waste of timber or metals that is often of furniture quality.
- Titanium hip replacements – melted in a cremation and lost in a burial – are unaffected by the Water Cremation process and can be reused.
- Pacemakers are also unaffected by Water Cremation, saving Funeral Directors the task of removing it prior to cremations, in which it would otherwise explode.
- The availability of burial plots is decreasing rapidly due to land shortages. Water Cremation, by Aquamation is the green solution.

Water Cremation, by Aquamation, is a truly environmentally kinder alternative to burial and cremation. Environmental concern is a top priority for governments all over the world. The introduction of Water Cremation, by Aquamation into the funeral industry will effectively combat the pollution caused by crematoriums.

The cost effective alternative....

Our equipment has been built to last for more than fifty years. Unlike with a cremator which must be re-bricked every 5 – 10 years, the aquamator has virtually zero maintenance costs.

In fact, we are so confident of the durability and quality of our equipment that we offer a five-year guarantee on all parts and labour on our recommended range, the A5000.

Speak to us today to learn more.



Who Supports Water Cremation, by Aquamation?

Significant and growing support for the Alkaline Hydrolysis process can be found across the world in the medical profession, governmental departments, and funeral industry. Here are a few:

The Farming Industry...

Water Cremation, by Aquamation (alkaline hydrolysis) has virtually taken over as the preferred method of disposal of diseased animal bodies in the USA and Europe.

The method has been used since 1992 to dispose of animals with diseases such as Mad Cow's Disease and scabies. While cremations and burials fail to destroy these diseases, Water Cremation, by Aquamation, is the only acceptable method that can effectively remove the risk of further spread and contamination. Water Cremation, by Aquamation destroys "prions" which are associated with disease such as CJD, which is now being claimed to be linked to Alzheimer's Disease.

The MAYO Research Clinic...

The method is now used and supported by the MAYO Clinic in the USA, a prominent medical research establishment who had the technology installed at their laboratories in 2006.

At the time, the clinic had 150 donated cadavers to process. As the original MAYO agreements had said that final disposition of the bodies would be cremation, the Mayo Clinic felt obliged to consult relatives before using a different method. Out of the 150, an overwhelming 148 opted to use the alkaline hydrolysis method.

The UK Cremation Society...

Written in 1874, this is an extract of the UK Cremation Society Declaration:

"...we desire to substitute some mode which shall rapidly resolve the body into its component elements, by a process which cannot offend the living, and shall render the remains perfectly innocuous. Until some better method is devised we desire to adopt that usually known as cremation".

At an Extraordinary General Meeting on 17th June 2008 members of the Society voted to change its Constitution to allow it to support for alkaline hydrolysis.

Consequently the Society's Memorandum adopted on 17th June 2008 added a new objects clause to allow them to promote alkaline hydrolysis as a superior means of disposal.



The General Public...

We have conducted extensive surveys amongst members of the general public in Australia and found that an overwhelming majority of people would opt for Water Cremation, by Aquamation rather than cremation.

Further, through focus groups we have found that conservative Christians, who are opposed to cremation on religious grounds, would be in support of aquamation.

Green Funeral Directors...

Leading funeral directors who care for the environment have embraced Water Cremation, by Aquamation, including [Australian Green Funerals](#).

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