

AQUAVIC

Catalogue



2010



Aquavic Generic Ioniser Package “Mix and Match”

Pictured here is a typical ioniser package comprising an electronic control module, one of our standard flowcells a pair of (copper or copper/silver alloy) electrodes, a copper test kit, a pool starter pack, and the all-important installation and operating instructions, and 12 months warranty.

Note that the components shown are for the purposes of illustration only and will vary accordingly with package selected. For complete details of all packages and components, refer to the price list later in this publication.



“New Millennium” Series I

These basic no-frills units are the “beating heart” of our best-selling ioniser packages, and although lacking the sophistication of its bigger brothers, will comfortably handle pools of up to 40,000 litres. They were specifically designed for the budget-conscious, and are ideal for the DIY and kit pool market.

They are also an ideal drop-in replacement for the failed control units of other manufacturers, and are also proving popular for controlling algae in ornamental ponds, fountains and water features.



Aquavic New Millennium Series II packages

One of the advantages we have over other manufacturers is our ability to tailor a package to suit a customer's specific requirements. Pictured here is such a package which is based on a "New Millennium" Series II Control module, and our recently-introduced heavy duty, universal, 2C-50 flowcell. This particular combination is designed for pools to 175,000 litres capacity.

This flexibility of component selection then allows customers to "engineer" packages to suit specific bodies of water, from the smallest demountable domestic pools, through the many varieties of domestic pools, and right up to large commercial and resort pools.



“New Millennium” Series II

These top of the range units feature a built-in master timer which controls the running times of the pump, an auxiliary output, and the ioniser. A secondary run-time timer controls the actual ioniser run time, thus giving the operator absolute control over the effective copper levels without affecting pump/auxiliary operating hours.

All functions are monitored by LED displays, and a Bypass switch is provided for running the system at times other than those programmed. The unit pictured has a capacity of 175,000 litres, but an optional internal alteration which is nominated at the time of ordering, substantially boosts its capacity to 250,000 litres.



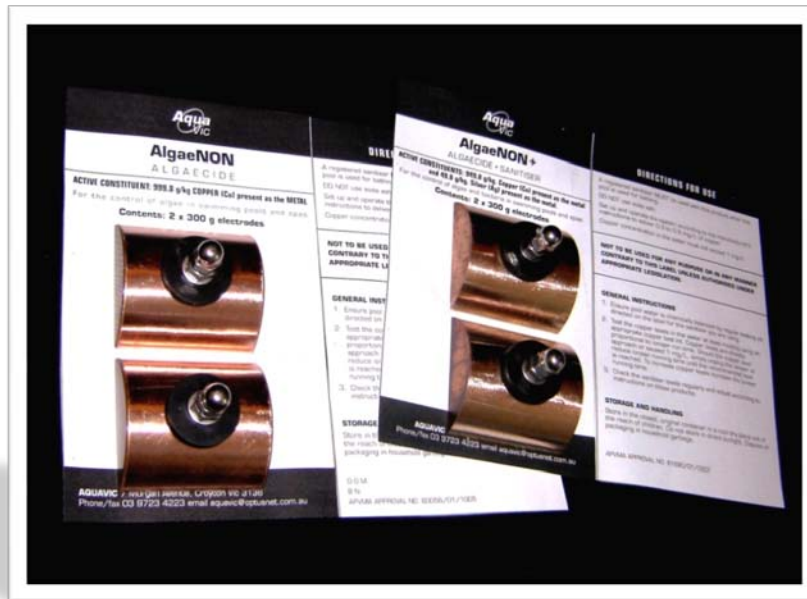
Ioniser Model KS-2M

Industrial / Commercial Ioniser

These “all bells and whistles” units are ideal for commercial applications such as legionella control in institutional tepid water systems (hospitals, aged care facilities etc.) and for controlling algae in large ornamental water features and fountains etc.

They are also designed to be hard wired in plant rooms or similar protected environments. They feature an integral ioniser with complete LED function display, lockable tamper-proof steel enclosure, external indicator lamps, 24/7 battery-backed programmable digital time clock with LCD, selector switches, fully fuse protected, voltage-free contacts for PC monitoring of system status and alarm condition. They also have provision for an (optional) flow switch interlock.

Note: Although designed to run with our standard flowcells, we can also design and build flowcells to suit a customer's specific requirements.



Standard Pattern Electrodes AlgaeNON & AlgaeNON+

At the time of publication we are the only manufacturer in this country legally able to offer our customers the choice of pure copper electrodes, or the more traditional copper/silver alloy.

Both versions are pictured here with their APVMA approved labels, and as can be seen, both versions are physically identical, and therefore interchangeable.

Of particular interest is that our all-copper *AlgaeNON* electrodes are designated as an **“ALGAEICIDE”** - and that the copper/silver *AlgaeNON+* electrodes are designated as an **“ALGAEICIDE & SANITISER”**.

Note that both versions of our electrodes are registered and approved by the APVMA.*

The registration numbers (60056/01/1005 & 61690/01/0307) may be seen on the bottom RH side of the labels.

*Australian Pesticides & Veterinary Medicines Authority



Universal Flowcell Models C-40M & C-50M

Flowcells are an integral component of all ioniser systems as they house the all-important electrodes. Both versions of the example pictured are extremely compact and robust, and are rated at 500 kPa WP.

They are fully demountable for ease of installation and maintenance, and feature a clear centre section for “any time” monitoring of the condition of both of the electrodes.

Ideally they should be installed in the return-to-pool line (preferred) but can be also installed in the high pressure leg between the pump and filter. Or if all else fails, in the suction line.



Universal Flowcell Model 2C-50

As the popularity of Aquavic products continues to grow, so does the need for supporting products. Along with the release of our “*New Millennium*” Series II control modules (see page 5) came the need for a robust flowcell of larger capacity than our C-50M.

The model 2C-50 pictured here is the result of that need.

Although only marginally larger than our standard C-50M, our R & D team have not only managed to retain the same standard features of demountability and compact ruggedness, but have doubled the electrode capacity to 2 pairs of our “*AlgaeNON*” pure copper electrodes, or 2 pairs of our “*AlgaeNON+*” copper/silver electrodes.

Of interest is that this ‘mix and match’ capability also allows the customer to more closely engineer specific ion generation from 95% Ag & 5% Cu to 100% Cu.

Note that for volumes of water >150,000 litres, we also offer a “**Duplex**” variant i.e. (2 x 2C-50) in parallel configuration. POA.



Special Order Flowcells Models C-40M MKII

Because electrodes of other manufacturers are not interchangeable with ours, we manufacture a range of flowcells to suit specific applications.

Pictured here is a flowcell that was designed to accommodate a pair of electrodes for an Aquamatics MK5 ioniser. A feature of this design is that the sockets are suitable for both 40-mm and 50-mm PVC pipe.

Of interest also is that by simply changing the electrode mounting plate, the same flowcell will accommodate 2 pairs of electrodes thus making it suitable, for example, for the Aquamatics MK9 ioniser.



High Pressure Flowcells Industrial & Commercial Applications

As the public's awareness of ionisation as an effective low chemical solution to problems associated with water quality continues to grow, so do the applications.

We at AQUAVIC are very much in touch with this increasing need for products designed to suit specific applications and are well placed to design and manufacture products to satisfy this diverse niche market.

The flowcell pictured above being yet another example of our "design to specification" capability. The flanged ends and the tie rods confirm that this particular unit (which is rated at 1000 kPa working pressure) was not designed for the low pressures typically associated with recreational aquatic facilities.



Disposable Cartridge Flowcells Model D-50

The flowcell pictured here is yet another example of our design-to-specification capability. This model, although originally designed to meet a customer's specific requirements for:

“An inexpensive disposable cartridge unit that is suitable for high temperature (< 60 deg.C) high pressure (< 1000 kPa) and minimum change-over down-time”.

As can be seen, the result was an extremely compact and robust alternative to our standard “demountables”.

Of particular interest is that undamaged housings may be returned for refurbishment and credited against a subsequent purchase.

NOTE: Only available in 50mm.

*AQUAVIC
PO BOX 576
Croydon VIC 3136
AUSTRALIA*

*T+ 61 3 9723 4223
F + 61 3 9723 4223
M + 61 401 691 984
aquavic@optusnet.com.au
www.aquavic.com.au*

“If you’re not prepared to drink it, why let your children swim in it?”

Angus Horwood & Associates Pty. Ltd. ACN 093 121 076 trading as AQUAVIC