

Customer testimonial: Envirosafe Technologies

BÜRKERT PARTNERSHIP FOR 100% SUCCESS

“Since our partnership with Bürkert started, we have not had one quality issue – every module has worked to spec.”

A tough and precise custom module designed by industry leader Bürkert Fluid Control Systems is giving a boost to pioneering New Zealand exporter, Envirosafe Technologies International Limited.

Envirosafe Technologies, based out of Auckland in New Zealand, has won international accolades for its range of mosquito trapping systems.

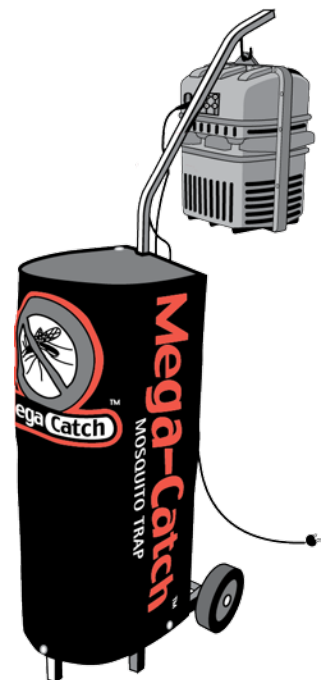
Bürkert's local New Zealand engineers and project team designed and built the custom module in Auckland. The unit is designed to handle and meter gas delivery in the Envirosafe Mega-Catch Ultra.

Envirosafe Technologies Director Mr Ken Child said that the gas control module is delivered finished, tested and certified directly to his NZ assembly factory, and is easily fitted to the main unit.

The outsourcing of this area of manufacture has considerably decreased unit assembly time and improved Quality Assurance, with experienced fluid control specialists now responsible for that end of the system.

“Bürkert has been easy to deal with, helpful and progressive in partnering with us to find more efficient and effective ways to produce our mosquito traps,” said Mr Child.

“Envirosafe's global competitiveness and success has been enhanced by the company's move to farm out areas of specialised knowledge to expert organisations, such as Bürkert, which have the experience and know-how to deliver the most efficient and effective solution available.”



The Mega-Catch Ultra - including a gas-handling module from Bürkert, designed to measure and control carbon dioxide flow.



Bürkert standard solenoid valves including Angle Seat and Ex approved.



Bürkert Mass Flow Control for high-tech gas solutions.





Part of the gas delivery module supplied by Bürkert to Envirosafe Technologies for assembly in the Mega-Catch Ultra

The Problem

“Prior to collaboration with Bürkert, we purchased all the gas delivery system components individually and put them together ourselves,” said Mr Child.

“This was a time consuming operation, in terms of sourcing the system components, handling logistics and then actually putting everything together. While our assembly staff is excellent, they are not gas delivery system experts and this was not the most efficient way to build the Mega-Catch.

Another Bürkert Solution for Murray Goulburn

“Bürkert came down to visit, and explained to us that he could put together a complete system module and deliver it to us ready for connection to the Mega-Catch™ Ultra in our factory.

“Even better, the Bürkert module has a superior spec to what we were doing at the time, which helped improve our product and facilitated our push into the highly regulated US market,” he said.

“Since our partnership with Bürkert started, we have not had one quality issue. Every module has worked to spec, first time, every time.”

About Envirosafe Technologies and Mega-Catch

The company's flagship system, the Mega-Catch™ Ultra, utilises combination of stimuli to attract mosquitos, mimicking human attributes including movement, colour, heat and – with the aid of Bürkert's module – a biological presence. The Mega-Catch Ultra uses the Bürkert gas module to emit measured doses of carbon dioxide (CO₂), to mimic human respiration.

The Mega-Catch is an export success, with units sold in New Zealand, Australia, China, Hong Kong, Malaysia, the US, Italy, South Africa, Singapore, Egypt where they are used by King Fuad II, and India where they have been installed in the historic Taj Mahal mausoleum.

Contact Bürkert to discover more about our world-class products and customised solution packages for OEMs.

Bürkert - the Smart Choice in Fluid Control Systems

Australia
Tel 1300 888 868
Fax 1300 888 076
sales.au@burkert.com
www.burkert.com.au

New Zealand
Tel 0800 BURKERT [287 537]
Fax 0800 33 33 77
sales.nz@burkert.com
www.burkert.co.nz



Bürkert custom modules and products of varying complexity



*With thanks to Ken Child, Director of Envirosafe Technologies for permission to develop this case study.
Tel +64 9 358 1959, www.megacatch.com.*