

DAVEY WATER PRODUCTS LIMITED

What we do & who we do it for!



• Domestic and Commercial - [Microlene water purifiers and coolers](#)

We have unrivalled experience in water purification for domestic and commercial users. Our products include the famous Microlene purifiers, water coolers and fountains, and every possible example of home water filter. The Microlene coolers and fountain range includes a wide range of models covering the requirements of small offices and major developments such as sports complexes, hospitals and public buildings.



• Rural Water - [Homes, farms, motorcamps and rural industry](#)

Practical water treatment solutions are offered for problems experienced by farmers, schools, lifestyle homes, growers and rural industry. We treat water from lakes, streams, bores, races or rain. Common applications include the removal of sediment, cysts, iron, manganese, nitrates and lime. Disinfection is our speciality for which we supply UV, ozone and chlorination systems. Applications range from the bach and small rural homes to large commercial dairy farms and major horticulturalists.



• Municipal and Food Industry - [Drinking and food production water treatment](#)

The various water treatment processes we offer can be used as standalone systems or in combination to treat a wide variety of water supplies. The range includes pressure media, cartridge and self-cleaning filter systems. We manufacture Ultra-violet sterilising systems, and supply hypochlorite, MIOX mixed oxidant and ozone generators for water disinfection purposes. Recent projects include township filtration systems to protect water supplies from cysts and other micro-organisms as well as beverage industry filtration/UV plants to ensure water quality. Our UV systems are also used to disinfect sewage prior to discharge from the treatment plant.



• UV Sterilisers - [Ultra-violet disinfection of water, wastewater and surfaces](#)

We manufacture the Steriflo range of UV systems for the disinfection of water and wastewater, liquid sugar and brine. The same UV lamps are used in our Steriblitz range to disinfect surfaces, containers and even some food products. For very large flows or specialised applications, such as swimming pool chloramine destruction, high power Hanovia UV systems are available using medium pressure lamps. UV has been accepted as a reliable method of killing giardia and cryptosporidium cysts, as well as bacteria, yeasts, moulds and viruses.



• Industrial Filtration - [Filtration of process water and fluids](#)

Our range of options for industry includes cartridge filters, backwashable media filters, bag filters, strainers, reverse osmosis, softeners and deionisation. Our outstanding product range includes a comprehensive range of housings and disposable cartridge filters for any application in liquid or gas streams. Fluids filtered include hydrocarbons, steam, hydrogen peroxide, sulphuric acid and sodium hypochlorite.

- We are a successful New Zealand water treatment company that has been operating for over 30 years, formerly known as Contamination Control Ltd.
 - From our head office in Auckland we employ over 60 staff nation-wide and have branches in Wellington and Christchurch.
 - Our customers range from private individuals and small companies to local councils and major multinational corporations, in New Zealand, Australia and around the Pacific.



A member of the
GUD Group

Domestic Commercial

Microlene

Microlene Water Purifier



MICROLENE is the country's leading brand of home **Water Purifier** and is available in both countertop and under-bench styles. Every deluxe Microlene module not only removes chlorine, sediment, tastes and odours, but also cysts like *Giardia* and *Cryptosporidium*.

The bacteriostatic media ensures that bacteria growth in the filter does not become a problem and therefore the purifier module lasts for years making the Microlene range very cost effective.

Water coolers



The Microlene product range also includes an extensive selection of **Water Coolers and fountains**. We offer a contract sanitising service for water coolers to ensure continuing hygienic and reliable performance. The cooler range includes bench-top, free standing, wall mounted, recessed and wheelchair access models.



Filterpure

Filterpure



Economical cartridge filter products

The **FILTERPURE** range of inexpensive **cartridge filtration** products is designed for the domestic and rural markets as well as smaller applications in the industrial sector. Filterpure is exclusive to Contamination Control and our dealers. It includes nominally rated surface, depth and activated carbon cartridges. Also available are special purpose 10" cartridges for nitrate removal, softening, deionising and other unique applications.

ElectroBlitz

ElectroBlitz



Insect control

Designed and manufactured by CCL, Electro-Blitz® is the food industry benchmark for **Insect killers**. "Blacklight" UV lamps are used to attract flies and other insects into a high voltage



grid where they are killed and caught on a tray. These units are available in standard commercial versions, or MAF approved stainless steel units for use in export food processing facilities or wet conditions.

Steriblitz

Steriblitz



Ultra-violet lamps for disinfection of air and surfaces



Ultra-violet lamps for disinfection of air and surfaces

CCL manufacture and distribute a range of units for **air and surface** disinfection. We can design systems for airflows, product surfaces, tank headspaces and food containers. CCL also makes Stericabinets, UV light fitted cabinets for keeping small items sterile.



Kinetico

Kinetico



Water softeners



Contamination Control is pleased to represent Kinetico, one of the world's household names in water treatment. Their twin tank **softeners and filters** operate without electricity, automatically backwashing on demand with treated water always available. These compact systems are ideal for both town and rural water treatment situations. Commercial filtration products include the backwashable 5-micron rated Macrolite media, a unique ceramic product capable of very fine filtration, deionisers and reverse osmosis systems.

The removal of iron and manganese from rural water supplies is easily accomplished with Kinetico products.

Reverse Osmosis

Reverse Osmosis



Demineralisation of water

We distribute economical **commercial Reverse Osmosis** systems with outputs from 350 to 35,000 litres per day. These cost-effective systems are engineered

to produce high purity water. The basic units can be upgraded with optional accessories to provide a high level of automation. Nanofiltration systems are also available as are commercially sized water deionising systems.

Industrial Municipal

Filterite



Fluid cartridge filtration

One of the world's major manufacturers of separation products, **Filterite** have a vast range of **housings and cartridge filters** for many varied applications in water, industrial liquid or gas streams.



Ratings are available from 1mm down to 0.02 microns. Major uses include cyst removal from potable water, particle removal from food and beverage industry process water and sterile filtration for high purity DI water and bottled water.

We supply Filterite cartridges for use in pharmaceuticals, cosmetics and

electronics manufacturing, cooling circuits and process water treatment, clarification of paints, coatings, inks, varnishes, oils, greases, resins, chemicals and emulsions. Cartridges are also supplied for coalescing and solids removal from compressed air, hydrogen, nitrogen and other gases.

Freeflo



Backwashing media filters

Pressure driven filtration through backwashable **media filters** or regenerating softeners is a common treatment in industrial and potable water supply. We design and assemble the Freeflo range of filters using sand, anthracite, garnet, carbon and other media. Flow rates per unit are up to 30,000 litre/hr in vessels of non-corroding GRP reinforced

polythene. Automatic backwashing is standard.

The Microlene range includes smaller versions for rural or light industrial use.

Filter media for a variety of applications is held in stock including garnet, anthracite, akdolit, ion exchange, neutralising and greensand.

Hanovia



High power UV systems



For **UV disinfection and chloramine destruction** in commercial swimming pools and for killing cysts in drinking water we offer **Hanovia's** high flow UV systems.

Their high intensity lamps are capable of remarkable performance in applications where conventional UV lamps are either ineffective or

inappropriate. For situations where fouling is likely automatic cleaning is available. Hanovia systems are widely used in public swimming pools because the unique UV lamps they use destroy unpleasant choramines in water.

Steriflo



UV water disinfection systems

UV disinfection is a field in which we have unrivalled expertise. The comprehensive **Steriflo** range of water sterilisers is made in New Zealand by Contamination Control Technologies and has

been highly successful for many years treating water for drinking, food and beverage production and many industrial applications. Our UV sterilisers are exported around the Pacific.



The majority of UV systems in NZ are Steriflo models and they range from units for home use to large systems with capacities of millions of litres per day. Applications for the Steriflo range include aquaculture,

horticulture and swimming pool water treatment. **Steriflo UV systems** have demonstrated that they are rugged and reliable over many years of operation. Every Steriflo system ever manufactured is still supported with parts and service.

UV wastewater disinfection systems

Contamination Control Technologies also manufacture a range of Steriflo systems for the **disinfection of sewage** and other waste water types so that the water can be discharged safely or recycled.



Systems available include both open channel and pressure chamber systems with models available covering the requirements for single dwellings, resorts, subdivisions and entire towns. Industrial wastewaters and process waters from dairy, poultry and freezing industries are also successfully treated using Steriflo UV systems.

Miox



On site oxidant generators for water disinfection



All the things that make chlorine unpleasant for both the operator and the consumer are eliminated using the MIOX **Mixed Oxidant chlorination** system. Along with chlorine (hypochlorous acid) the MIOX system produces chlorine dioxide and ozone. The mixed oxidant is dilute, safe and ready for use. The rapid acting ozone and

chlorine dioxide react with organic material before the chlorine can. The result is a chlorine residual that can be measured but not tasted. MIOX kills the cyst *Cryptosporidium* when used instead of chlorine in swimming pools. MIOX is an exciting technology providing powerful disinfection in complete safety, as only 12 volt power and salt are used in the process.

Industrial Municipal

Amiad



Strainers for irrigation, drinking and process water

Amiad in-line **strainers** are a useful, low cost product, mainly used as a precautionary filter in front of a sand filter, cartridge filter or on their own.

We recommend them for practically any situation where sediment, grit or rust is likely to be present in the water supply. This includes practically all surface water and cooling water.

Pulsafeeder Industries



Dosing pumps

We stock competitively priced **Pulsafeeder** chemical dosing pumps for dosing of chlorine, acid or other water based solutions. A wide range of sizes is available along with versions for outdoor applications. A comprehensive spare parts stock is maintained.

Sterizone



Ozone generation systems for oxidation and disinfection

Ozone is widely used by the beverage and bottled water industry for **disinfection** and is an outstanding method of controlling micro-organisms in drinking, process or cooling water and pipework. Ozone's chemical effects make it useful in many situations including

cyst control to meet the Drinking Water Standards of NZ, odour control, iron removal and breaking down organic matter. Ozone is increasingly popular in swimming pool applications, both large and small. Small portable generators are available for deodorization of motel rooms, commercial premises and smoke damaged property.

Filtersoft



Retrofit cartridges for industrial filter cartridges

Filtersoft's make a comprehensive range of economical **retrofit** cartridges for a variety of manufacturer's filtration equipment. Cartridges are available for water,

hydraulics, chemical oil and gas filtration systems. Industrial filter manufacturers often extensively customise their systems so only their cartridges can be used. However we now have **Ultrafit** and **Purolite** cartridges available to replace proprietary cartridges in a wide variety of applications from laboratory water systems, to the removal of water from hydraulic fluids. Savings range from 25-50% of OEM cartridges.

A particularly useful oil and fat removal water filtration cartridge is the Clerfy, this cartridge is made from a modified cellulose which adsorbs up to three times its own weight in hydrocarbons.

Palintest



Field and laboratory water testing equipment

For field or laboratory **water testing** we offer the Palintest range of **test kits**. These proven kits cover a wide range of applications including tests for chlorine, ozone, aluminium, nitrate, BOD and heavy metals.

The reliable Photometer is the most popular instrument for performing tests but the range also includes comparators and pocket test kits. We also offer a complementary range of pH, ORP, turbidity and conductivity meters and controllers from Eutech. We also offer a water analysis service to assess water quality and make treatment recommendations.

Some of the finest organisations in New Zealand trust Davey Water Products.

Air New Zealand
Asia Pacific Breweries
Canterbury Brewery
Cerebos Greggs

Colgate Palmolive
Coca Cola
DB Brewing
DOC

Franklin DC
Fonterra
Frucor Beverages

Independent Fisheries
Inghams Enterprises
Lion Breweries
NZ Dairy Foods

Moana Pacific
Mighty River Power
Nobilo Wines
NZ Refining C

New Plymouth D.C.
NZ Natural
Ports of Auckland
PPCS

Rodney District Council
Sealord
Selwyn District Council
Woolworths



For technical information contact our Head Office:
Ph: +64 9 570 9135, Fax: +64 9 527 7654, P.O.Box 14-641, Auckland, 1741
7 Rockridge Avenue, Penrose, Auckland
Email: sales@daveywaterproducts.co.nz Website: www.daveywaterproducts.co.nz

For Water Coolers and Domestic Water Treatment you can also contact our branches:



Wellington:
Ph: +64 4 472 1021
Fax: +64 4 472 1022

Christchurch:
Ph: +64 3 366 1007
Fax: +64 3 365 5466

