



Sonitec was founded in 1987 and has become a leading manufacturer of advance centrifugal sand filtration technology, the Vortisand® filter. Sonitec is based in Montreal, Canada with additional manufacturing facilities in Holyoke, Massachusetts and Seoul, South Korea. The **Vortisand® filter is a superior filtration system with 10 to 20 times finer filtration than traditional filters**, ensuring the removal of suspended particles down to 0,45 micron in cooling tower and closed loop water systems. The removal of these finer suspended solids particles will help reduce energy costs, biological fouling, scaling, corrosion and the potential of legionella in HVAC systems. The Vortisand® filter will also provide innovative cost effective energy and water reduction solutions.

Sonitec also manufactures membrane separation systems for mid-sized processes, desalination and greywater reuse. The design of Sonitec's membrane separation systems use a wide range of membrane construction materials which allows the systems to be used in an extended range of applications.

In order to meet requirements of international facility managers with various fields of activities, Sonitec has achieved continuous growth through an extensive sales representative network in many locations including Taiwan, Korea, Japan, Malaysia, India, France, Mexico, Brazil, Australia and Morocco. The increased interest in Sonitec's technologies continuously brings new challenges and opportunities that are embraced and well taken care of by our sales professionals.

Sonitec strongly believes that our **expertise will maximize the energy and water efficiencies while minimizing environmental impacts**. Sonitec has responded to growing environmental concerns, design requirements and challenges by initiating a parallel green sales network working mainly with green sales professionals (LEED AP, USGBC members, etc.). Sonitec is continually keeping the green pace and has now established synergistic relationships with selected green manufacturers in complementary water treatment fields (ie. water storage fiberglass tanks, UV disinfection, automatic self cleaning strainers, solar panels, etc.).

Sonitec's qualifications are best demonstrated by its past performances and references. Our Vortisand® filters have been installed in over one thousand locations and are being used for a wide range of applications including cooling tower & closed loop side stream filtration, process water polishing, pre RO, rainwater polishing, tertiary treatment or fountain/pools applications. Through the installations of the Vortisand® filters, Sonitec has gained expertise knowledge in many vertical markets including office buildings, government, institutional, hotels & casinos, hospitals, shopping malls, airports, district centers, data centers, heavy and light manufacturing facilities. References along with past performances are available upon request.



VORTISAND High Efficiency Filters
Down to 0,45 micron



Sonitec has synergistic relationships with the following GREEN manufacturers:

ACME ENGINEERING - Acme ACRS Automatic Scraper Strainers are used to remove suspended solids from intake, process and effluent flows for a wide variety of fluids. In the commercial market, common applications include pre-screening for membrane, separators and fine filtration equipment; greywater re-use for heat recovery; and packaged wastewater treatment systems. Flows for (50 to 150 mm) (2" to 6") units are typically 11-114 cu.m./hr (50-500 usgpm), with larger sizes available. Vessels are designed to the ASME code for pressures up to 3 445 kPa (500 psi) and are available in a variety of materials including carbon steel, stainless 304L and 316L, Duplex 2205, Monel 400 and also FRP for seawater applications with Monel internals. **www.acmeprod.com** Contact : Robert Presser, Vice President Email.: rpresse@qc.aibn.com

AQUAFINE a Trojan Technologies Company, Specializes in the design, manufacture and sale of pressurized and open-channel, ultraviolet disinfection systems for industrial markets including Micro-electronics, Food & Beverage, Pharmaceutical, Aquaculture and Recreational Water. Emerging markets include water reclamation and re-use including rainwater harvesting. Aquafine is headquartered in Valencia, CA. **www.aquafineuv.com** and **www.trojanuv.com** Email: k.haagsma@aquafineuv.com

DECTRON INTERNATIONALE, INC. Global provider of custom and semi-custom IAQ (indoor air quality) and HVAC-R (heating, ventilation and air conditioning and refrigeration) products and services to the building systems, food processing, medical, petrochemical, and various industrial and commercial markets. Established in Montreal, the Company has 460 employees in its manufacturing facilities. Dectron and it's subsidiaries is the only global manufacturer that can provide on a single platform design Cooling (including close/precision temperature and humidity control), Heating, Dehumidification, HEPA and ULPA Particulate Filtration as well as Gas Phase Chemical Filtration for commercial, institutional and industrial applications. **www.dectron.com**

ENERWORKS INC. - leading North American solar thermal technology provider. With proven, patented technology and certified systems, EnerWorks offers high quality, reliable and cost effective renewable energy solutions to the North American market. EnerWorks develops and manufactures proprietary renewable energy appliances for residential, commercial and industrial markets. In the residential market, EnerWorks's solar water heating appliances are fully certified, ENERGY STAR® qualified, and the only system meeting CSA international standards. They complement existing water-heating services and provide users with clean energy and a real reduction in energy costs. In the commercial and industrial markets, EnerWorks is at the forefront of integrated solar thermal solutions, working with local partners to design, install, commission and maintain solar thermal heating systems. **www.enerworks.com** Contact: Tony Ali Email: t.ali@enerworks.com

SMARTCOOL SYSTEMS INC. Cleantech company that specializes in energy and cost reduction technologies for HVAC and refrigeration systems for commercial, industrial and retail businesses. Smartcool product line of green technologies reduces the electricity consumption and demand of air conditioning and refrigeration compressors. **www.smartcool.com** Email: chrisl@smartcool.net

ATLANTIS WATER MANAGEMENT offers the D-Raintank® for modular subterranean storage for detention or retention of rainwater and stormwater. Recycled polypropylene plates snap together to create cisterns of unlimited size. Place below permeable pavement or retention swales for organic filtration. **www.Wahaso.com** Contact John Bauer at JohnB@Wahaso.com

