

The background is a collage of technical and industrial imagery. The top-left quadrant is a solid orange color with faint white technical drawings overlaid. The top-right quadrant is a solid blue color. The middle-left quadrant is a blue gradient with white technical drawings. The middle-right quadrant shows a close-up of a metal component with a rectangular slot. The bottom-right quadrant shows a close-up of a white machine with a control panel. The bottom-left quadrant is a solid blue color.

ecosaire

[FROM THE
BEGINNING...]

Precision
Environmental
Control

The brand name Ecosaire® is new – our experience in precision air conditioning for computer rooms, data centers and telecommunications facilities is not! The evolution of this product has been underway now for nearly three decades – in fact we were one of the pioneering companies to enter this market. The new Ecosaire® Precision Environmental Control System has been built on this experience and offers many exciting and advanced features including state-of-the-art controls, networkable units, air purification options and the highest energy efficiencies.

From our birth in 1972 as HIROSS Inc. to our recent acquisition by Dectron Internationale, we have been manufacturing high quality precision environmental control systems in North America for over 28 years. Dectron Internationale specializes in highly engineered, total packaged indoor air quality systems for residential, commercial and industrial applications. The company has decades of expertise invested in a highly trained staff of mechanical, structural, electrical, refrigeration and chemical engineers. Dectron Internationale is unique in North America in its ability to combine air purification, humidity control, temperature control,

[HISTORY]

and heat recovery technologies to offer customers a complete solution to their air quality needs. From the Governor's Mansion in Texas, to the Bellagio Resort in Las Vegas, to the world's largest petrochemical facility in Taiwan, Dectron Internationale has excelled in providing the ultimate in "Designer Indoor Air".

The Ecosaire® manufacturing plant is located in Niagara Falls, New York and consists of 125,000-square-feet of manufacturing space where the systems are built and tested to rigorous quality standards. The Ecosaire® engineering, manufacturing and customer service teams are first-class and work closely with the entire Dectron Internationale team to provide the highest quality products and service to our clients. The Research & Development group draws from the rich expertise corporate-wide to develop solutions tailored to market needs. Together we are a true pioneer and a leader in the field of environmental air treatment.

[*evolution*]



The need for precision environmental control stretches back to the invention of ENIAC (the Electrical Numerical Integrator and Computer), the world's first mainframe computer in the 1940's. High performance computing and electronic equipment have evolved enormously since that time - Moore's Law (which states that computing power would increase exponentially with time) has been proven true, with smaller and more powerful machines emerging even faster than predicted.

EVOLUTION

The Ecosaire® line of Precision Environmental Control Systems has also evolved to keep pace with the changing demands of the marketplace. New networkable controls, BACNET™, ECHELON® and MODBUS™ compatibility, remote monitoring from either a graphics display panel, personal computer or via modem, new refrigeration design, and new options including specialized air purification and enclosures built to withstand industrial process environments have been added to this industry-leading design.

The microchip brains driving the Internet engine and the modern business world require a highly reliable, stable operating environment, including temperature and humidity control, to maximize their performance and minimize crucial downtime from component failure. Telecommunication centers, digital switchgear sites, server rooms, electrical rack rooms, clean rooms, laboratories and medical equipment rooms are just some of the growing number of facilities that require complete protection for their valuable and sensitive equipment. The Ecosaire® product line stands ready to exceed customer requirements in performance, reliability and service.



All sensitive electronic equipment requires a stable environment for optimum performance. The Ecosaire® Precision Environmental Control System provides the best possible protection for any application.

The Ecosaire® product line is made up of feature-rich, energy efficient premium products that are available in sizes and configurations to suit any application - even corrosive industrial process environments. Ecosaire® contains unique, highly engineered sub-systems that no other manufacturer duplicates, ensuring continuous, simultaneous control of temperature, humidity, air purity and air flow at each operating site.

PERFORMANCE

Ecosaire® performs with the highest energy efficiency through intelligent design: 100% sensible cooling – no energy wasted on undesired latent cooling, on-demand dehumidification, and the state-of-the-art Supervisaire® control system. These new controls offer maximum design flexibility, networkable units, BACNET™, ECHELON® and MODBUS™ compatibility, remote monitoring from either a graphics display panel, personal computer or via modem, and alarm and event logging.

The Ecosaire® product line offers the maximum in environmental control performance and the lowest life-cycle cost of ownership.

[*performance*]

[reliability]

Precise control of room air temperature, relative humidity and air purity eliminates the fluctuations in environmental conditions that jeopardize computer and electronic equipment operations. All Ecosaire® systems are designed to deliver this type of reliable and precise environmental control over their long service life. The high quality, redundant design, advanced function and strategic positioning of the components in each unit result in unparalleled system reliability.

RELIABILITY

Ecosaire® Precision Environmental Systems maintain controlled environmental conditions 24-hours a day, 365-days a year, to meet every specific operating condition. This translates into a significant competitive advantage for the user – electronic equipment reliability is strengthened and downtime is minimized.

Every Ecosaire® unit is designed to facilitate the ease of maintenance and service. With all major components located out of the air stream, compressors at floor level, shell and tube condensers placed away from the fan deck, an easily replaceable canister-type humidifier, quick-release straps for direct-drive fans and Supervisaire® Microprocessor Controls for fast and complete diagnostics, reduced downtime is pre-engineered into every system.





designer indoor air



IPAC 2000 Inc.

2107 Liberty Drive
Niagara Falls, NY 14304

A division of

Dectron Internationale

4300 Poirier Blvd,
Montreal, Quebec
Canada H4R 2C5
Tel: 514.334.9609
Fax: 514.334.9184

Toll free: 1.888.DECTRON
1.888.332.8766

www.dectron.com

email: info@dectron.com