

# CHANGING CLIMATES



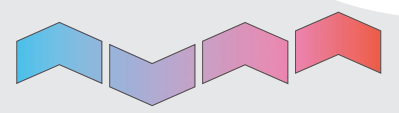
Eaton-Williams

# vap



# TECHNOL COLMAN

# EWVS





HUMIDIFICATION

**Vapac**

PROCESS COOLING

**EWPC**

AIR CONDITIONING  
AIR HANDLING

**QUALITAIR**  
**edenaire**  
**MODUCEL**

AIR DISTRIBUTION

**COLMAN**

INSTALLATION &  
MAINTENANCE

**EWS**

Eaton-Williams was formed in 1936. In July 2000 it became part of Nortek Inc., USA.

Today, its air conditioning, air handling, air distribution process cooling and humidification products play a critical role in creating the right environment for commercial property, communication systems, manufacturing processes, beverage storage and food production areas worldwide.

The Company has always been a 'solutions' led business, quick to adapt to the latest advances in technology to meet customers' demands — being at the forefront of air conditioning and cooling product development.

During the 1950's the company designed one of the first close control air conditioning systems and installed it at the Long Range Weapons Establishment in Australia. More recently the company won the contracts to design and manufacture close control air conditioning for the London Eye and London Underground Jubilee Line extension.

Eaton-Williams' portfolio includes brands that lead the industry: Vapac, Eaton-Williams Process Cooling, Qualitair, Edenaire, Moducel and Colman.

Eaton-Williams recognises the importance of first class after sales service and, in the late 1960's, it established Eaton-Williams Service (EWS). This business has evolved into a fast response, around the clock service company that not only supports our products but also offers comprehensive service and maintenance for other major manufacturers' plant and equipment.

EWS are also able to offer Mechanical and Electrical installation services nationwide.

Eaton-Williams are accredited to Quality Management Standard ISO 9001: 2000 (originally accredited in January 1986).



Qualitair Production Line.



Moducel AHU Production.



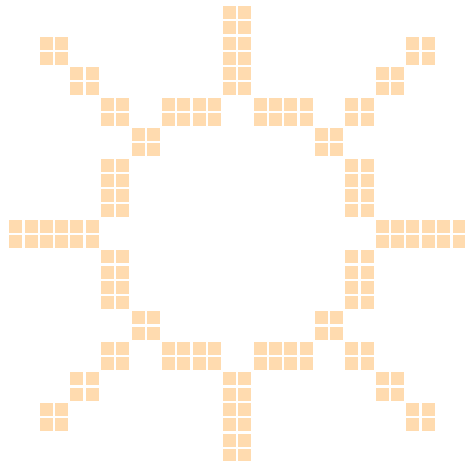
Nortek's Headquarters based in Providence, Rhode Island, USA.



### Group Projects

Eaton-Williams are able to offer designers, installers and end users a wide variety of product and support services and continue to be involved on very diverse projects.

With in-house design capabilities, test facilities and quality control systems, we intend leading the industry for innovative cooling and climate control.



London Eye.



Jaguar Cars.



Telecomms Control Centre.



# STEAM HUMIDIFIERS

## Vapac

Vapac is the only UK manufacturer of gas fired, resistance heater and electrode boiler humidifiers, exporting 60% of production for over forty overseas countries.

Humidity is essential to many aspects of life. It helps create a healthy working and living environment, preserves furniture and materials and is essential to many processes to ensure efficient, reliable operation of machinery and equipment.

On the face of it, adding moisture to a space should be a simple process — and it would be if water was not so capricious. Being a cocktail of dissolved chemicals, water can vary almost continuously and it only takes a change of a few parts per million to upset the reliable working of a humidifier. Humidifiers must be able to adapt to the changing nature of water. Since their introduction in the 1970's, Vapac

have always used the latest electronics to optimise the reliability and effective operation of their humidifiers. Today's range of Vapac humidifiers are virtually 'fit and forget', thanks to the power of their latest in-house designed controller.

Vapac's new generation of atmospheric steam boilers provide humidification cost-effectively with their high efficiency gas fired burners.

The resistance heater range is suitable for softened, demineralised and mains tap water supply.

Vapac products are completely 'green'. Not only can all components be recycled, including the disposable electrode cylinders, but, for those clients who have the necessary resources, Vapac offers a range of cleanable electrode cylinders that can be used several times before disposal.



Australian National Maritime Museum.



Marks & Spencer Food Cabinets.



Victoria and Albert Museum.



MRI Scanner Cooling.



Thermoregulators.



Eaton-Williams Process Cooling (EWPC) offers tailor made solutions for any heating or cooling application including:

- Food Process Temperature Control.
- Injection Moulding Tool Temperature Control.
- Process Heating and Cooling.
- Medical Cooling.
- Plastic Extrusion Barrel Heating and Cooling.
- X-Ray Cooling.
- Magnetic Resonance Imaging (MRI) Scanner Cooling.
- Electronics Cooling.
- Mould Heating.

With a long history of reliable manufacture and innovative solutions to specific customer requirements, EWPC is well placed to provide answers to your process cooling and heating needs.

EWPC has excellent working relationships with key OEMs:

- Philips Medical Systems.
- Siemens Medical.
- Tesla Engineering.
- Oxford Magnet Technology.
- Marconi.
- Spectral Fusion Technologies.
- Picker U.S.

Our commitment to excellence of both product and service is demonstrated by a delivery and quality performance to these customers in excess of 99% and several coveted awards such as 'Supplier of Excellence' to Oxford Magnet Technology.

EWPC's engineering skills and lean manufacturing techniques enable us to provide bespoke systems at the lowest possible cost.

# PROCESS COOLING



London Customs House.



ASDA Food Preparation.

## QUALITAIR

An air conditioned environment is increasingly expected in retail, commercial and industrial premises. Whilst there will always be a demand for custom built air conditioning the standard off the shelf product market continues to grow.

Established 30 years ago, Qualitair was one of the first British manufacturers of standard air conditioning products, creating an air conditioning business which today provides solutions for a wide range of specialised applications and projects.

The Qualitair portfolio covers chilled water and DX (direct expansion) refrigeration product ranges including free standing close control systems, in-wall or concealed packaged units.

Qualitair can cater for simple cooling only requirements up to full close control unit applications for computer or control room areas. For food preparation areas it offers a unique low temperature ceiling cassette that can operate down to 8°C, meeting the EU directives and legislation. Cellar cooling, storage of fresh fruit, vegetables and florist stocks are protected with Qualitair refrigeration split systems.

Qualitair products are supported by an in-house sales and technical team and was one of the first manufacturers to have products tested, duties verified and performances certified by Eurovent.



Supplying Brewery Trade with Lower Temperature Cellar Coolers.



London Underground Jubilee Line Extension.



Goonhilly Satellite Station.



Flight Simulators.

## edenaire

In spite of the diversity of standard products available, many customers continue to need a customised air conditioning solution. Exacting performance specifications or space constraints often create the need for bespoke designs.

By investing heavily in R&D and using the latest design techniques the company is well placed to meet individual project requirements and provide tailored solutions.

Edenaire has developed comprehensive design and manufacturing systems that

deal quickly and cost-effectively with a wide range of applications, for control rooms, satellite earth stations and cellular installations, flight simulators, together with many other precision air control applications.

The telecommunications industry required energy efficient cooling for its switching centres, Edenaire designed a range of equipment from scratch and continue to develop products for this market.

# AIR HANDLING



The Eden Project.



York Racecourse.

## MODUCEL

The air handling market continues to be a significant sector in the ventilation and air conditioning product industry.

Moducel have a wealth of experience in the design and manufacture of air handling plant for commercial and industrial applications. They have supplied hospitals, supermarket chains, leisure stadiums, pharmaceutical buildings, office complexes and numerous other projects, for over 40 years, with dedicated designed solutions to suit each individual site.

Although the Moducel AHU's are designed around a tried and tested structure, they have always had the ability to customise the product range to exactly fit the project requirements.

A great benefit to consultants and contractors, is the fact that when they contact the Moducel team in Stoke to assist them with a particular problem, they are assured of the fact that they will be receiving the very best expertise in air handling technology.

Moducel have also been supplying for many years various commercial users with a range of fan coil units, having a choice of both waterside and airside control models. These fan coil units offer the specifier and installer some unique design features, that provide additional benefits for many diverse applications.

The company continues to supply VAV units for various projects.



Roof Top Air Handling Unit.

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# COLMAN

Colman may be synonymous with the best in grilles, diffusers and louvres but originally the brand name was stamped on some of the world's finest textile machinery.

It was in 1934 that the American Barbour Colman company set-up a plant in the Manchester area to manufacture textile machinery. The machines were good and Barbour Colman enjoyed a quarter of a century's unbroken success until the advent of cheap imports heralded the decline of the British textile industry.

Diversification into the manufacture of fasteners was followed in the early 60's by production of the first grilles and diffusers.

The Colman brand has been associated with the best in Air Terminal Devices practically since modern air distribution technology was invented.

Maintaining a leading position in a highly competitive market for over 45 years is no easy task. Continued success depends on a wide range of factors — technical excellence, product quality and reliable delivery not least among them!

Colman's service is different because it's total — with every individual component making a vital contribution to the whole. Our large and experienced sales staff can provide a personal service anywhere in the UK from John O'Groats to Land's End, from Fishguard to Great Yarmouth. Their role is to gather information on customers' precise needs and relay that data to our technical staff, so that a solution can be developed that suits both the building and the budget.

The Colman range is also exported to European Countries.

# AIR DISTRIBUTION



Custom Built Louvres for Land Securities Office Project.



Birmingham Airport.



Universities.

# SERVICE & MAINTENANCE



William Hill.



Buckingham Palace.



Clarks Shoes.



Eaton-Williams Service (EWS) was established in the 1960's to provide maintenance for heating, ventilating and air conditioning equipment. Today, we are acknowledged as one of the leading specialist service companies in the field.

One of our key strengths is the care we take with any new maintenance contract to ensure that our service is tailored not only to reflect the equipment being maintained but also its practicality in relation to how the site is operated.

Each contract is backed by our standard four hour response emergency service around the clock every day of the year.

A faster response time can be arranged subject to location and contractual requirements. Whatever the agreement, all it takes is one Freephone call to our 24 hour Help Desk to get the service you need.

Our engineers are strategically based throughout the U.K. and equipped to provide both routine and emergency service to all our customers, enabling us to provide national maintenance contracts. To ensure a quick response in emergencies our team of engineers operate a rota system so making sure there are engineers on call 24 hours a day, every day of the year.

Increasingly large commercial premises need residential engineers to ensure optimum operating efficiency. EWS have long experience of providing and managing residential service engineers.

Eaton-Williams Service are specialists in design, installation and maintenance of all types of heating, ventilation and air conditioning.



My TRAVEL Travel Agents.





EWS is continually improving services to customers and updating its specialist skills and expertise to provide added value in a competitive market.

In response to clients requesting full building services contracts and ad hoc customised solutions, EWS has developed an additional service to address these needs.

Through their M&E Services Department, the company offers the facility to undertake a comprehensive range of refurbishment projects, replacements, repairing and installing new systems.

Typically projects handled can include air conditioning (comfort & close control), public health, electrical, fire detection, ventilation, water treatment and controls including BMS systems.

M&E Services can also handle the replacement of CFCs in refrigeration equipment without loss of performance, repairing condensers to full refurbishments and/or new installations.

They have already undertaken a number of projects for the telecomms, health care and leisure industries and can provide the same levels high standards of service as EWS.





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