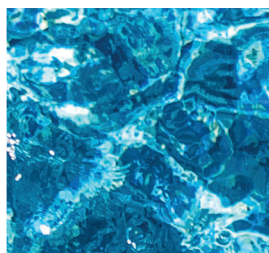
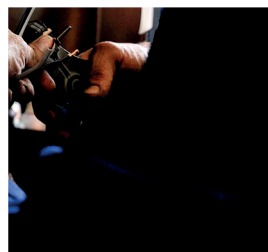
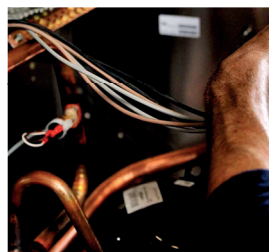
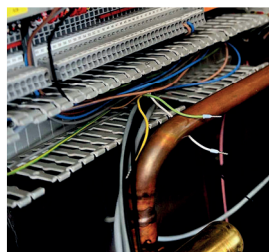
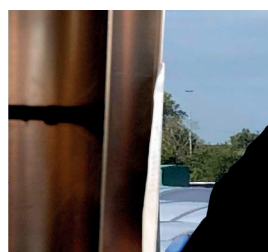




CLIMATIC
ENVIRONMENT
SOLUTIONS AND
EQUIPMENT



SOLUTIONS AND SERVICES FOR YOUR POOL INSTALLATIONS



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High quality
air treatment
equipment

ETT, a major player in the world of pools

Energie Transfert Thermique is a 100% French manufacturer, based on the Brittany coast, which has been designing and manufacturing high-performance thermal machines since 1979.

With a strong team of 380 employees, the company has built its growth on constant innovation, the quality of its machines and Customer Service.

ETT has played a leading role in the swimming pool industry for many years, both as a manufacturer of air treatment and dehumidification systems and as a service partner for a large number of sites (aquatic centres, municipal pools, Thalasso-Spa-Balneotherapy, etc.).

Decarbonation, Durability, Recyclability

ETT has adopted an eco-design approach aimed at reducing the environmental impact of all its machines, from design to dismantling.

Many of the services provided by **ETT Services** generate considerable energy savings and reduce our customers' carbon footprint.

In accordance with the French Environment Code, **ETT** has signed up **EcoLogic** to a collection and recycling scheme for its end-of-life units.

ETT, expert in pool environment conditioning

1979

Creation of **Energie Transfert Thermique**

1983

1st dehumidification unit manufactured for the **Roc'h Roum Marine Institute** in **Roscoff** (29)

2007

Creation of **ETT Services**

2009

1st service provided at a **municipal swimming pool** in **Mortagne-sur-Sèvre** (85)

2011

1st **thalassotherapy** service at **Pornichet** (44)

2015

1000th dehumidification unit manufactured for the **Aqualagon Aquatic Centre** at **Village Nature Paris** (77)

2021

1st **Guarantee audit** carried out for the **Pontoise municipal swimming pool** (95)

2023

1st **PED** compliance project carried out at the **Conches-en-Ouche municipal swimming pool** (27)

2025

ETT wins gold medal following **ECOVADIS** assessment of its **CSR** practices

Whatever YOUR problem, **ETT Services** can help...

With over 40 years' experience in swimming pool solutions, **ETT** is able to offer a full range of services that perfectly meet the expectations and needs of its customers, whether they are owners, operators or maintenance providers of aquatic sites.

Have your energy bills soared and do you want to reduce them?

There are a number of ways to reduce consumption

Is your installation obsolete or inoperative?

We'll show you how to modernise your units without shutting them down.

Are your machines ageing badly? are attacked by corrosion?

It is entirely possible to improve the robustness and durability of your equipment

Would you like support in monitoring your machines?

Gain peace of mind thanks to the manufacturer's expertise



Optimise YOUR installations To save money

At a time when energy prices are soaring, the financial impact for operators - and even more so for aquatic activities - is often critical.

But whatever the age of your installation, there are many ways of reducing energy consumption, sometimes even significantly.

What's more, over and above the financial aspect, this approach is totally in line with a virtuous approach to **decarbonisation**.

Ideally, and to obtain optimum results, two independent approaches are combined: **modifying the machines** in place and **monitoring** them **individually** over time.

Simple modifications can be made to take advantage of the latest technological advances:

Machine transformation

► **REPLACING OBSOLETE FANS:** the new ECM fan technology reduces electricity consumption for the same airflow, and therefore cuts operating costs. They also provide redundancy in the event of a fan failure.

► **CHANGE OF REGULATION:** advanced regulation brings intelligence to the operation of the machine, optimising its performance at all times according to actual needs.

► **ADDITION OF MISSING FUNCTIONS:** for machines that did not have this facility, introducing **fresh air modulation** (which combines dehumidification performance and air quality), or switching to LS/HS (Low/High Ventilation Speed according to need), has an immediate impact on energy consumption as well as the well-being of users and swimming instructors.

► **ADDING EXTRA MODULES:** if the installation lends itself to it, installing a **thermodynamic module** for water heating, or an **energy recovery module**, will produce spectacular results.

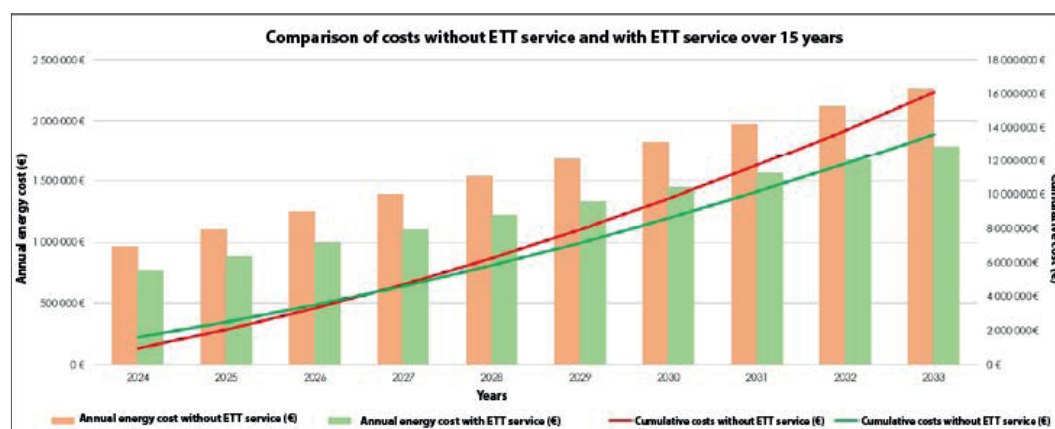
Machine monitoring

Feedback from experience shows just how common and costly it is to have problems with the operation of installations (modified factory settings, lack of monitoring, etc.).

To overcome this, **ETT Services**, with all its expertise as a manufacturer, is able to check, correct and also optimise the regulation settings in the PLC, which have such a major impact on the machine's performance.

Various monitoring contracts can be offered, including an **Energy Performance Contract**, which provides the operator with the assurance that his installation remains energy-optimised over time, whatever the season.

ETT's in-house **Energy Performance** unit can also contribute its know-how in terms of simulating consumption in order to fine-tune regulation.



Machine renovation, AN alternative TO replacement.

Whether your machines are obsolete, at the end of their life or out of service, the question arises as to whether they should be replaced or renovated.

This decision is often based on 2 criteria: **feasibility** and **budget**.

Feasibility

In swimming pools, dehumidification and air conditioning machines are usually located in the equipment room, where they are often difficult to access. It is often impossible to replace them without dismantling the rest of the machinery (pumps, air ducts, water pipes, boilers, etc.).

In such cases, refurbishing the existing machine is the only viable solution, especially as this has a minimal impact on the site's activity (work can be carried out during the pool's planned technical shutdowns).

ETT Services has all the resources required to meet these accessibility constraints (in basements, difficult access, cramped premises, etc.).

Financial investment

Clearly, when the machine casing has not been altered by time (the structures and frames of **ETT** machines are made entirely of aluminium, guaranteed for 20 years against corrosion), the least expensive solution is to replace the only obsolete or defective components inside the machine with their modern equivalents.

So, as well as benefiting from the very latest technological advances (improved performance and energy savings), this also means that your installation can be brought up to the very highest standards, in line with current regulations (F-Gas compliance, French Decree on Commercial Buildings, etc.).

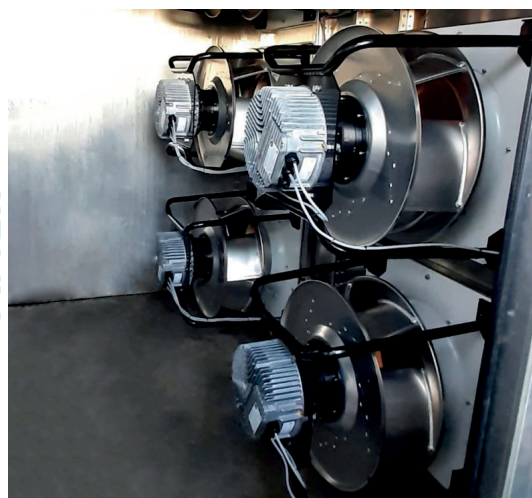
MACHINE UPGRADING

BEFORE



Refurbishment
&
Optimisation

AFTER



Increase THE robustness OF machines subject TO corrosion

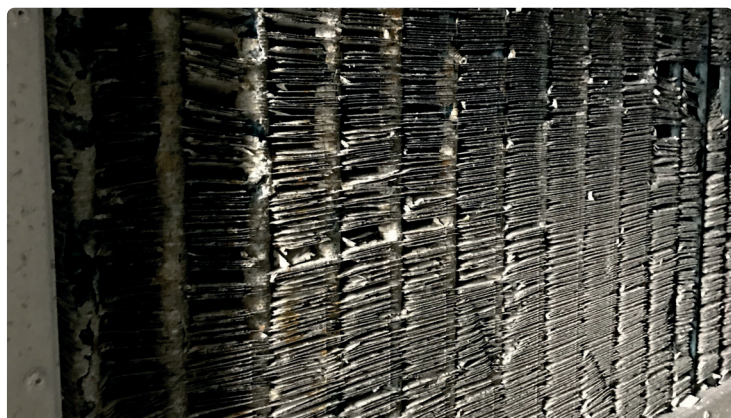
Logically, any machine intended for use on an aquatic site has been designed to resist a certain level of corrosion.

But the level of oxidants aggressiveness can vary significantly from one site to another. This is particularly the case for seaside locations and more specifically, thalassotherapy centers.

If your machines show signs of deterioration due to corrosion, it may indicate that their maintenance, which requires specific and enhanced interventions, has been insufficient or that their initial level of protection was inadequate.

ETT Services can step in to give your installation a **new lease of life** with a range of protection, replacement and hygiene solutions:

- ▶ Thermal coils with specific treatment (Heresite, Electrofin, etc.),
- ▶ Fans with H2S treatment,
- ▶ Accessories in stainless steel, PVC or treated against corrosion,
- ▶ Pipe varnishing,
- ▶ Application of resin to pitting points,
- ▶ Installation of salt filters, sand filters, polypropylene frame filters...



Corroded coil on thalassotherapy site



Coil with Heresite anti-corrosion protection

Some sites where we have worked

- ▶ **Thalacap Camargue** – Saintes-Maries-de-la-Mer (13)
- ▶ **Thalazur** – Cabourg (14)
- ▶ **Riva Bella Thalasso & Spa** – Aléria (20)
- ▶ **Thalasso & Spa Les Corallines** – La Grande motte (34)
- ▶ **Piscine Léo-Lagrange** – Nantes (44)
- ▶ **Piscine Val d'Allier Comté** – Vic-le-Comte (63)
- ▶ **Piscine municipale** – Luxeuil-les-Bains (70)
- ▶ **Piscine municipale** – Ribeauvillé (68)
- ▶ **Thalazur** – Bandol (83)
- ▶ **Thalasso** – Saint-Jean-de-Monts (85)
- ▶ **Piscine Olympique** – Colombes (92)



The manufacturer's expertise TO help you run YOUR **machinery**

The role of a swimming pool operator (whether leisure, sports or therapeutic) is to manage their site in the best possible way for the satisfaction of their clients, users, or patients, rather than knowing in detail the operation and expectations of their thermal equipment.

Many operators rely on **ETT Services** to ensure the proper functioning of their installation, not in place of, but in support of the actions of their maintenance provider, even for other brands of machines.

These **service contracts** consist of regular check-ups during which the machines are inspected with the manufacturer's eye and expertise to optimise and perpetuate the installation.

ETT technical visit

- ▶ Checks the general condition of the machine and its components,
- ▶ Guarantees that maintenance work is carried out in compliance with regulations and manufacturer recommendations,
- ▶ Optimises regulation,
- ▶ Ensures user comfort,
- ▶ Proposes solutions for improvement.

ETT Services can also assist you with your PED (Pressure Equipment Directive) process or with remote monitoring of your machines (Energy Performance Contract).

ETT TECHNICIANS

Average experience: 8 years in the company

Personal training time: 80 hours a year

Skills and training:

- **Brazing** according to the NF EN 14276-1 standard
- **Dehumidification** machine technology
- Specific Pool **regulation**



Wherever YOU are, ETT Services can help...

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ETT mechanical fitter



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