



Modine and FAE advanced technologies for the refrigeration industry

The refrigeration industry is at the center of a profound transformation, driven by new regulations that require the gradual elimination of high-GWP refrigerants, in favor of more sustainable solutions. The world's leading manufacturers are accelerating the adoption of advanced technologies to ensure energy efficiency, environmental compliance and market competitiveness.

Modine's answer to the new scenarios is ECOBATIC,[®] a revolutionary range of CO₂-powered gas coolers equipped with with adiabatic panels, developed for the global market on the basis of a cutting-edge technological platform. Thanks to its experience and collaboration with **FAE**, Modine has taken this technology to new heights, precisely optimizing the use of water and energy.

For the construction of these new gas coolers, Modine has selected high-quality materials and components, including FAE's GW525 Gateway for the remote monitoring system that allows the main components of the machine to be controlled. Refrigeration systems are often located far from built-up areas and thanks to this solution, in the event of malfunction, the technical staff can intervene quickly to restore operating conditions, avoiding damage or economic losses due to plant downtime.

Through the **GW525** gateway, the operating data of the gas cooler are acquired, from the study of which it is possible to improve the overall efficiency of the system, optimizing the control parameters and possibly modifying them through the dedicated app. ECO-BATIC[®] is a revolutionary product with innovative solutions, capable of improving the efficiency of cooling systems and setting new standards of environmental responsibility, while offering unprecedented benefits, and this is possible thanks to the contribution of the technologies developed by FAE!

