

COFINAIR : A KEY EUROPEAN INDUSTRIAL PARTNER

The **COFINAIR Group** is one of the leading European manufacturers of:

- Cooling towers
- Dry coolers with adiabatic pads
- Evaporative and adiabatic condensers

Building on the expertise of its historic brands **DECSA**, **GOHL-KTK** and **JACIR**, **COFINAIR** designs and manufactures its equipment in **Italy**, **Germany** and **France**. With 40 international distributors and over 80,000 units installed worldwide, the Group also provides associated services throughout the entire lifecycle of cooling installations.



Made in Europe
Italy | Germany | France

High quality standards,
Short delivery time,
Secured supply chain
Adapted to local
requirements

Industrial
robustness, long-term
reliability and thermal
performance are
our identity



Extensive experience

Over 70 years of
Industrial Cooling
Expertise
80,000+ systems
installed.

COFINAIR : READY FOR THE NEXT GENERATION OF DATA CENTERS

- Ideal for optimizing both pPUE and pWUE across all IT cooling architectures
- Designed for optimized pPUE and controlled pWUE
- Equipment monitored for energy consumption
- European manufacturing, long-term reliability
- 360° services: design, commissioning, maintenance and cleaning, audit and optimization across Europe, the Middle East and Africa.

COFINAIR - Cooling for life.

THOUSANDS OF kWh SAVED WITH
A FEW LITERS OF WATER,
THAT'S SMART HEAT REJECTION!



COOLING SOLUTIONS FOR YOUR DATA CENTERS

WHEN DATA CENTERS GO WARM,
HEAT REJECTION MUST GO SMART.



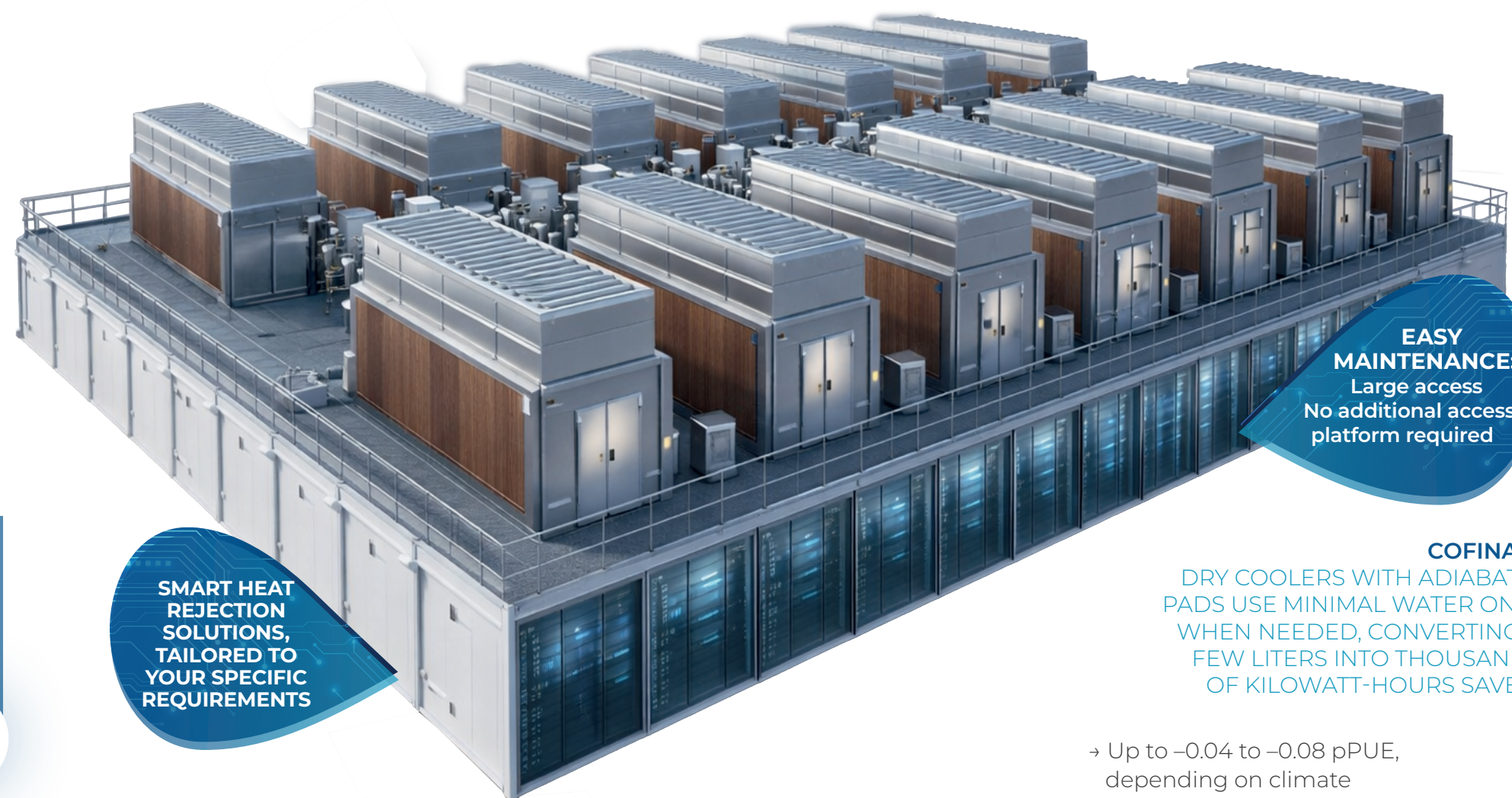
THE NEW DATA CENTER PARADIGM

Data center architectures are rapidly evolving toward:

- Extreme power densities
- Transition to high-efficiency cooling solutions
- Lower pPUE and pWUE

In this context, cooling no longer relies only on mechanical refrigeration, but also on **resilient and sustainable** heat rejection solutions.

COFINAIR supports this structural shift.



EASY MAINTENANCE:
Large access
No additional access platform required

SMART HEAT REJECTION SOLUTIONS, TAILORED TO YOUR SPECIFIC REQUIREMENTS

COFINAIR

DRY COOLERS WITH ADIABATIC PADS USE MINIMAL WATER ONLY WHEN NEEDED, CONVERTING A FEW LITERS INTO THOUSANDS OF KILOWATT-HOURS SAVED.

ADVANCED COOLING TOWERS

Maximum evaporative performance
For architectures requiring:

- High heat rejection capacity
- Stable water temperature
- Optimal integration with water-cooled chillers
- Low footprint

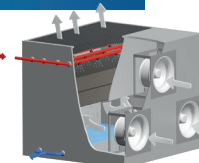
COFINAIR cooling towers deliver:

- Maximum thermal efficiency, EC Fans, High-quality materials, including stainless steel Engineered for ultra-low water use.
- Advanced acoustic control
- Proven longevity on mission-critical sites



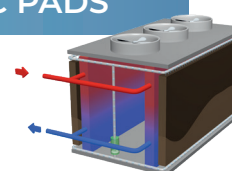
COOLING TOWERS OPEN/CLOSED

ZENIT, TMX, DTC, TMA-EU
REF-EC, REF-A



DRY COOLER WITH ADIABATIC PADS

TOPAZ



SERVICES • CLEANING MAINTENANCE UPGRADES

DRY COOLER WITH ADIABATIC PADS

With the growth of data centers, **COFINAIR** dry coolers with adiabatic pads are becoming a strategic lever for energy performance.

Why Topaz adiabatic cooling makes the difference:

- Minimal and controlled water consumption
 - Water used only under extreme conditions
 - Water is recirculated; only evaporation is consumed, with a switching point (90% operation in dry mode) used or rain water.
- The power consumption of the entire system is reduced
 - Up to -70% fan power at peak conditions
 - Elimination or strong reduction of compressor operating hours

FREE-COOLING-BASED SOLUTION

Minimizing or eliminating chiller energy consumption

- Significant positive impact on pPUE with optimized control of pWUE

- Up to -0.04 to -0.08 pPUE, depending on climate
- No water treatment required
- No scaling on heat exchangers
- No complex water chemistry management
- Designed to operate with chemically treated water sources, including industrial water and rainwater.
- Eliminates Legionella risk
 - No aerosol formation, no drift, no stagnant water
 - Cellulose pad-based humidification
- Certified anti-Legionella design.

SERVICES



Beyond manufacturing, our **SERVICES** division delivers complete lifecycle solutions integrating equipment, maintenance, retrofit and replacement to ensure long-term reliability and performance of cooling towers and adiabatic systems.



YOUR PROJECT – OUR PRIORITY.
FROM THE INITIAL IDEA TO FAR BEYOND.