



TMX

POWERFUL & WHISPER-QUIET



1150 - 4500 kW



axial



open

TMX series - The new open crossflow cooling tower by Cofinair Group is an ideal solution for all industrial applications. The TMX series is designed for applications requiring **high-efficiency** cooling towers and **low operating costs**.

Axial fans and an optimized structural design ensure very **low noise emissions**, while reduced power consumption makes the TMX series a benchmark in the global market.

Advantages at a glance

High performance: High thermal capacity in a compact footprint

Low noise: Lower acoustic impact than counterflow towers

Maintenance-friendly: Full safe access and easy cleaning

Double-deck realization: Increased capacity without expanding footprint

Easy installation: Delivered in stackable assembly groups.

HOSPITAL & CIVIL INSTALLATIONS
COLD CHAIN
INDUSTRY

- Efficient cooling
- Minimal operating costs
- Low noise

**SAVE ENERGY
& INCREASE
ENVIRONMENTAL
SUSTAINABILITY**

RANGE

Capacity
600 - 5300 kW

Application

industrial cooling system,
refrigeration and cold chain, food industry, HAVC

Performance & efficiency

The TMX series is designed to deliver **high thermodynamic efficiency** through optimized evaporative heat exchange. **High-efficiency PVC fill packs** and a **balanced L/G ratio** enhance water evaporation, allowing operation with approaches close to 2 K. This results in cooling water outlet temperatures near the reference wet-bulb values, while **low fan power consumption** ensures **reduced operating costs** and high overall system efficiency.

Quality & construction

The TMX cooling tower is equipped with a Z-725 **hot-dip galvanised steel**, optionally protected by the special **DecsaCOATING PLUS powder coating**

- inside and outside. The wide choice of variants makes the TMX series extremely **flexible and suitable for any type of cooling system** application.

Operation, maintenance & accessories

The **TMX series** is designed to ensure reliable operation and **simplified maintenance**. The units are equipped with inspection hatches and easy access to all main internal components, allowing regular maintenance without special tools. The axial fan section, featuring dynamically balanced impellers and IP56 IE4 electric motors, is designed for long-term operation with **reduced noise emissions**. The TMX series can be supplied with a wide range of **optional accessories**, including frequency inverters, water treatment solutions, permanent magnetic motor, sound attenuation systems and safety devices, making each unit configurable to specific plant requirements.

