

FRIGOBLOCK



WORRY-FREE IN THE CITY

ELECTRIC TRANSPORT COOLING FOR SUSTAINABLE DELIVERIES

FK 2

 THERMO KING

TOMORROW'S TECHNOLOGY TODAY

More and more cities are – rightfully – implementing environmental legislation to improve inner-city living conditions. Low Emission Zones (LEZs) are areas where the most polluting vehicles are regulated.



Vehicles (and refrigeration units) that don't meet a certain emission threshold aren't allowed to enter these specific zones. Increasingly, European cities are enforcing LEZs: Antwerp, Amsterdam, Paris, Vienna, Budapest, ... to name a few. London even went the extra mile and implemented an Ultra-Low Emission Zone.

FK 2 – WORRY-FREE INTO THE CITY

Fortunately, the FK 2's revolutionary new design reflects how it pushes forward-thinking businesses to set up clean distribution routes across Europe while optimizing operations based on data insights. The result? **A brand new unit for more uptime that lets you enter the city now – and in the future.**



GO GREEN WITH THE FK 2

LEZ, NRMM Stage V, PIEK noise legislation, ... Municipalities and governments are implementing sustainable legislation to improve living conditions in urban areas.

FRIGOBLOCK's 100% electric clean cooling tech isn't just sustainable, compliant and future-proof – it also saves you a ton of money. It consumes less fuel and provides more uptime.



HIGH REFRIGERATION CAPACITY



UP TO 50% LESS FUEL CONSUMPTION



ENVIRONMENTALLY COMPATIBLE REFRIGERANT R410A



LOW NOISE WITH OPTION FOR HIGH-SPEED MODE



TURN DATA INTO PRACTICAL INTELLIGENCE

Refrigerated transport is changing. Simply keeping your load at temperature until it reaches the customer is no longer the last word. Luckily, the FK 2 goes above and beyond: Remote monitoring of vehicle, driver and refrigeration performance put you in complete control of the deliveries your customers rely on. Data you can analyze and use to optimize your operations into the future.

TRACK YOUR CARGO 24/7

The **FK 2** is the very first FRIGOBLOCK unit that comes equipped with a BlueBox (Thermo King's telematics hardware). This enables you to **demonstrate the condition of your cargo at all times.**

- **Visibility of key operational metrics** including driver behavior, tire pressure, and temperature
- **Information and alerts** on the condition of individual cargoes
- **Real-time access** to load temperature out on the road



SEE. KNOW. GROW. WITH THERMO KING TELEMATICS: CONNECTED SOLUTIONS

Turn driving data into practical intelligence with Connected Solutions, Thermo King's telematics software and hardware. It delivers the information that matters to you most. Putting this data to work gives you the ability to track & trace individual deliveries across your fleet. You'll be able to demonstrate temperature levels, meet regulatory requirements, and respond instantly to new challenges.



ALTERNATOR

CAPTURE LOST ENERGY

Braking, accelerating, stopping, starting... A lot of the energy is lost when your vehicles are on the road. Energy that you could re-use to keep your load at optimum temperature. Our solution? Our pioneering alternator technology.

Since the foundation of FRIGOBLOCK, alternators have been the driving technology for generating electricity. Like an electric generator, the alternator is integrated in the belt drive of the truck engine. As the truck engine revs up, the rotary frequency of the alternator increases and generates voltage and amperage.

- **Low noise, high powered performance**
across both Hybrid and electrically driven models.
- **Cutting edge technology**
for trailer cooling- An unlimited source of energy
- **Tractor independent**
for easy integration into your fleet.



GENERATE MORE UPTIME



Compared to traditionally more complex diesel units, FRIGOBLOCK 100% electric units require fewer maintenance thanks to its hard-wearing components.

But that didn't stop us from improving the architecture of our FK 2 to make it even more reliable. For example, we added an additional valve for pressure control.

These small yet impactful changes will give you more uptime. And that is why the FRIGOBLOCK refrigeration machines are:

- **Subjected to extensive testing**
full-scale function and leak tests
- **Fail-safe machine and alternator**
With 40+ years of experience
- **Lowest consumption of energy**
thanks to its electric design



3 REASONS TO CHOOSE THE ALL-NEW FK 2

- **Industry-leading connectivity with practical data**
- **Constructed for sustainable ambitions**
- **Revolutionary design for more uptime**



FRIGOBLOCK is a brand of Thermo King®. Thermo King – by Trane Technologies (NYSE: TT), a global climate innovator – is a worldwide leader in sustainable transport temperature control solutions. Thermo King has been providing transport temperature control solutions for a variety of applications, including trailers, truck bodies, buses, air, shipboard containers and railway cars since 1938.