

 THERMO KING



**TIME TO CHANGE**



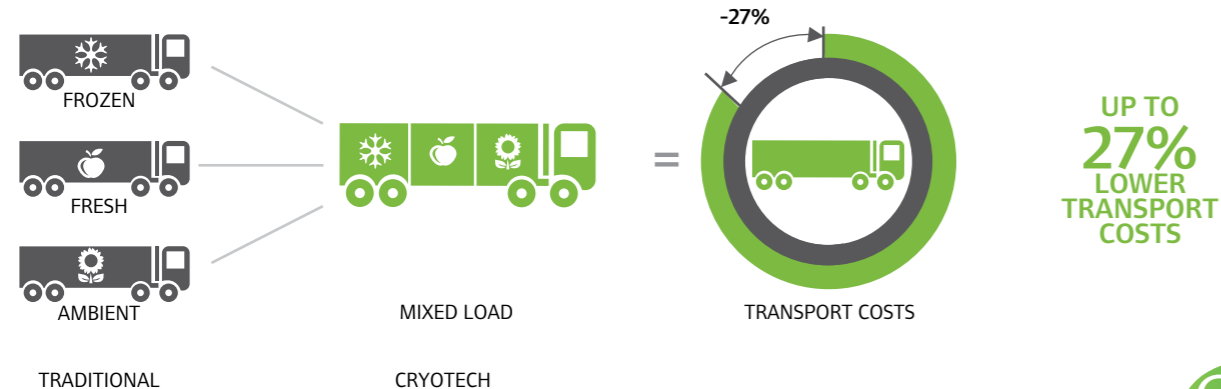
 Ingersoll Rand®

# Lower transport costs

Because conventional refrigeration systems cannot maintain temperature during multiple drops, operators are forced to carry sensitive products inefficiently by using shuttles that run directly to each store. CryoTech's ability to protect the load during drops means a cost-efficient looped distribution run is feasible. Add multi temperature capability for a mixed load and logistics can be optimised reducing mileage and fuel consumption.

Time to change [for smarter transport.](#)

## Transport cost per year\*



\*Based on present fleet in operation in EU market.

**Did you know?**

Because CryoTech has no engine, it has lower maintenance costs, reduced downtime and a longer life. Add the fact that CryoAssist will optimise your consumption and you have a compelling case for lower TCO.





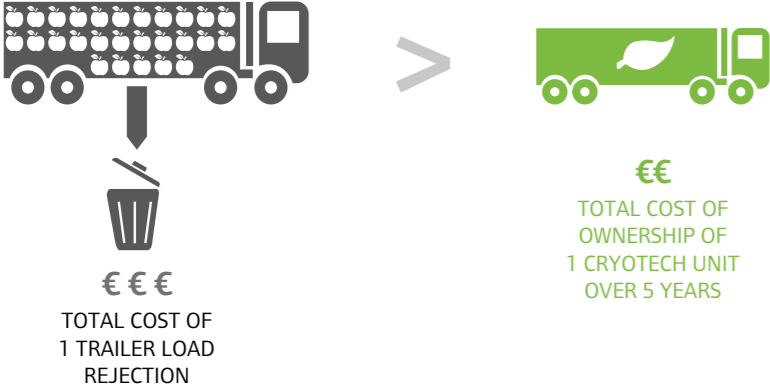
# Stop cargo rejection

After every door opening in a typical delivery run, fresh and frozen load qualities suffer from significant temperature changes and fluctuations. So, every time a drop is made, the risk of a rejected load increases. Typically the rejection cost of a full loaded truck is higher than the cost of operating a CryoTech unit over 5 years.

CryoTech's exceptional cooling capacity delivers market leading temperature recovery and guarantees you constant cargo temperatures, eliminating the cost of rejected loads.

Time to change [for zero cargo rejection](#).

## Cost comparison



## Did you know?

Even a small variation in temperature can significantly affect the shelf life of sensitive produce.

- A difference of 1 °C can reduce the shelf life of lettuce by over a day.
- Grapes deteriorate more in ten minutes at 35 °C than in 16 hours at 20 °C.



# Higher utilisation

Studies have shown that operating outside of rush hour results in 14% faster distribution routes, time that can be used to distribute to new customers, increasing your vehicles utilisation. CryoTech units are virtually silent, which means they can operate round the clock in noise-sensitive areas.

More revenue for the same fixed cost translates directly into increased profitability for your fleet operation.

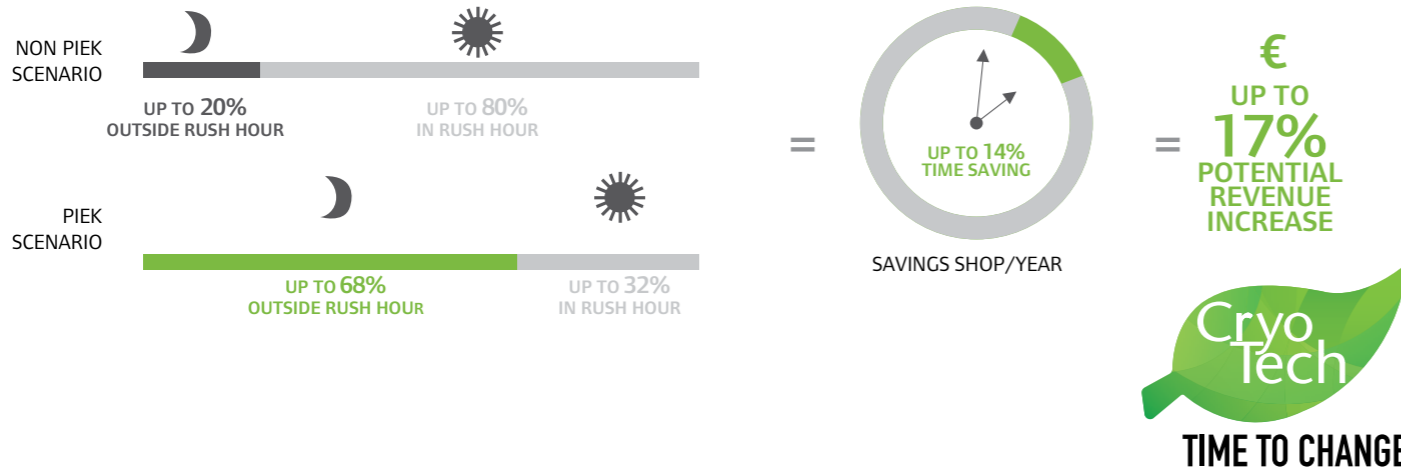
Time to change [for maximum utilisation](#).

## Did you know?

CryoTech is different to conventional PIEK certified equipment that depends on diesel power. It operates at a constant noise level of up to 58dBA\* without reducing the cooling capacity when driving inside noise restricted areas.

\*A typical conversation equals to 62dBA.

## Distribution pattern and savings\*



\*Source: © University of Antwerp PIEK study.



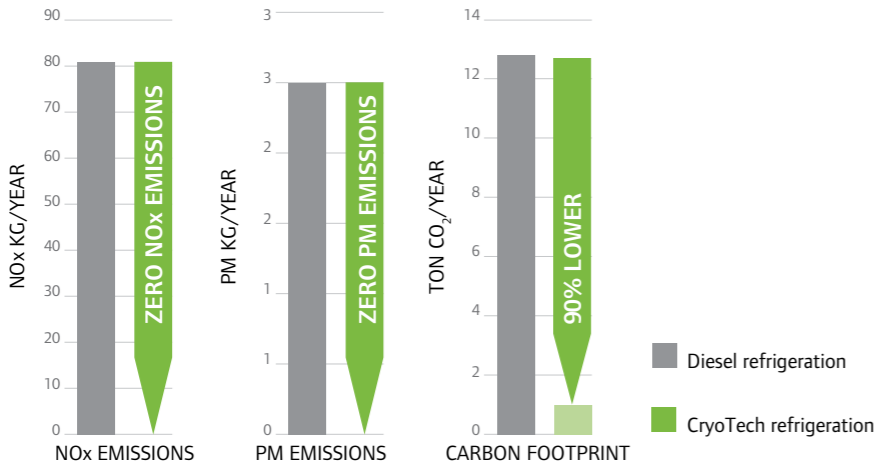


# Zero emissions

CryoTech with its zero NOx and particulate matter (PM) emissions, exceptionally low noise levels and 90% less carbon footprint, means you can access urban locations, no matter how tough their entry restrictions are. It's a smart choice for your company profile too, demonstrating environmental responsibility, sustainable transport solutions and total compliance.

Time to change [for a better future.](#)

## Emissions\*



## Did you know?

Europe's major cities - Brussels, Berlin, London, Paris and Amsterdam - have started taking steps to ban all commercial vehicles that produce exhaust emissions including NOx and particulate matter (PM). Considering that CryoTech has zero exhaust emissions, it is the perfect solution for unrestricted access.

That's food for thought.



\*Based on present fleet in the Netherlands and Scandinavia.



# What is CryoTech?

The CryoTech range is the complete transport refrigeration solution for mid to short range distribution. Compared to conventional diesel dependent systems, CryoTech can maintain a steady load temperature, deliver day and night in a cost effective way and comes with the strongest environmental credentials.



## Equipment range

The CryoTech range offers a choice of single or multi temperature models suited to truck or trailer applications, operating at fresh or frozen temperatures in all ambients.

## Filling stations

Thermo King has a range of filling dispensers, allowing you to choose which supplier you want to work with for your liquid R744 storage and supply. At the same time, Thermo King is developing a public network of filling stations. These are already widespread in the Netherlands and Norway.

## Optimisation services

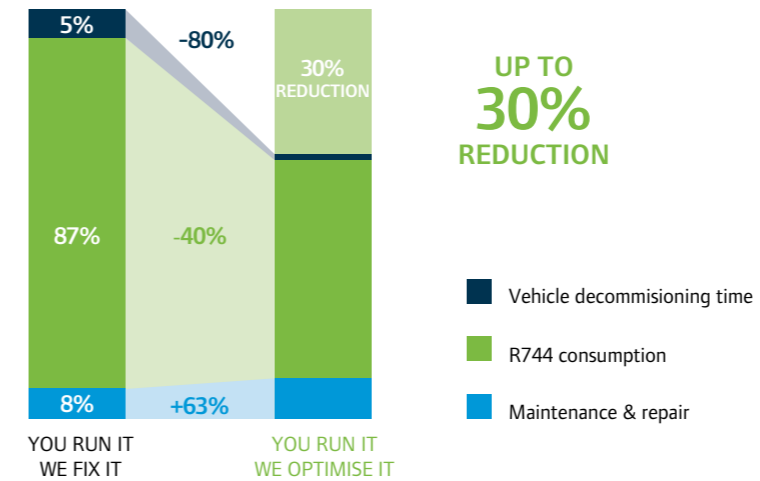
- CryoAssist and CryoAssist Plus Dealer operated programmes to monitor and optimise your CryoTech equipment operation
- Full equipment maintenance
- Monthly R744 consumption analysis and reporting
- Driver and staff training to optimise your operation and minimise your total cost of ownership



# CryoAssist

**CryoAssist reduces your equipment operating cost by up to 30%\***

## CryoAssist: typical gains



\* Based on vehicles operated in the Netherlands and Scandinavia. Detailed quantifications can be made per customer.





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## TIME TO CHANGE

For further information please contact:

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