

The benchmark **in cold chain**



GDP[®]
30+ years experience in cold chain

Why Temperature Controlled Transportation?

'A drug that has been temperature abused is every bit as dangerous as one that is not authentic' - FDA

The pharmaceutical industry faces the great challenge to deal with overwhelming complexity of assuring product integrity throughout the entire distribution chain. However, maintaining product safety and quality during distribution is significant.

Temperature excursions can highly affect the condition and efficacy of the product, causing harm to patients and to the brand image. There is increased scrutiny on in-transit temperature control to avoid this.

GDP^o

THEREFORE, IT IS MORE IMPORTANT THAN EVER TO COMPLY TO THE EUROPEAN GDP REGULATION WHICH IS TURNING INTO THE NEW GLOBAL STANDARD IN COLD CHAIN.



ALL PRODUCTS ARE DEVELOPED IN THE NETHERLANDS, EUROPE



To guarantee the quality of your products during transportation, Veba MediTemp is your best partner. With more than 30 years of experience in cold chain, Veba MediTemp is the expert in developing and supplying devices to store and transport temperature sensitive products. All products are GDP compliant and distributed globally in almost 30 countries.



Your total cold chain solution



PharmaModule

SPECIALLY DESIGNED

FOR THE TRANSPORTATION OF DRUGS BETWEEN **+15°C AND +25°C**

The compact PharmaModule is placed in a 3.5T box van, or any other commercial vehicle, maintaining the temperature between +15°C and +25°C in the entire cargo space.

This patented innovation works on the power supply of the vehicle to secure a steady inner temperature of 20°C, even in extreme ambient temperatures ranging from -20°C to +40°C.

COMBINE ALL YOUR TRANSPORT IN JUST A SINGLE VEHICLE

BY INSTALLING A VEBABOX
WITHIN THE SAME CARGO SPACE
AS THE PHARMAMODULE.

This way it is easy to comply to the two most important
drug temperature requirements;
2°C - 8°C and 15°C - 25°C.

- ▶ Lower costs per kilometre;
Utilize the 12V/24V system
- ▶ Maximum use of cargo space thanks
to compact module
- ▶ Easily transferable to any other
vehicle
- ▶ No further adjustments necessary
to a 3.5T box van

GUARANTEEING THE TEMPERATURE OF YOUR SHIPMENT

FROM BEGINNING TO END,
WITH THE SOLUTIONS
OF VEBA MEDITEMP





PharmaModule 15-25

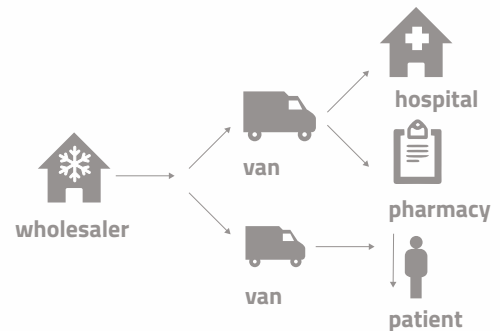
PharmaModule

This is a **VebaBox**[®]

The VebaBox is a cool container for in any brand and type of commercial vehicle to store products during transport from wholesaler to patient, between **-18°C and +25°C**.

The box is a low tension cooling device which works on the power supply of the vehicle – or an external power supply – in order to freeze, cool or heat your cargo at the desired temperature.

A VebaBox requires no adjustments to the vehicle, which means its trade-in value is not compromised.



SERVICE IS ONLY A MATTER OF SECONDS THANKS TO THE VEBABOX' DETACHABLE COOLING SYSTEM.

SO, THE VEBABOX IS ALWAYS ON THE ROAD.

VebaBox®

Features

TRANSFERABLE

- › VebaBox can easily be transferred to another vehicle
- › Vehicle can still be used for non-temperature controlled transport
- › Retain high trade-in value of vehicle

COOLS/HEATS EVEN WHEN THE ENGINE IS NOT RUNNING

- › Shipment is always at the right temperature, GDP-compliant
- › On site, the VebaBox functions as a cool container
- › Runs on 12/24V, and 220-240V if so desired

CUSTOMIZATION

- › For any commercial vehicle a VebaBox
- › Any size is possible
- › Different compartments possible



Additional models

VEBABOX ECONOMY

THREE STANDARD VEBABOX MODELS FOR SMALL AND MEDIUM COMMERCIAL VEHICLES

For instance: Volkswagen Caddy and Volkswagen Transporter



- › Most profitable active solution
- › Easily transferable to many different vehicles
- › Available from stock
- › Volume:
 - Mini 450L
 - Small 850L
 - Medium 1900L





VEBABOX HEAVY DUTY

Thanks to the metal frame on the outside of the box, this active cooling container is best applicable for storage and **mobile use** in your cold chain. Moreover, the Heavy Duty models are accommodated with wheels or with a pallet frame, making the box very suitable for loading and unloading commonly without any risk of damage.



THE VEBABOX HEAVY DUTY IS AVAILABLE
IN STANDARD DIMENSIONS,
RANGING IN VOLUME
FROM 160 TO 1600 LITRES.

MediTemp Logistic Box

PASSIVE 2°C - 8°C
SOLUTION COMPLETELY INTEGRATED
INTO AN ALREADY EXISTING SUPPLY
CHAIN, COOLING FOR 72 HOURS.

In order to attain GDP compliance without completely changing the current supply chain, Veba MediTemp can integrate a highly advanced passive solution to transport 2°C - 8°C medicines.

The MediTemp Logistic Box, composed of the highest quality insulation material available, guarantees a very stable internal temperature for 72 hours.

**A PERFECT SOLUTION TO SAVE COSTS
YET IMPROVE OPERATION METHOD.**





Features:

- › Best possible insulation value available
- › integrated into current operation method
- › Completely customizable to your cold chain



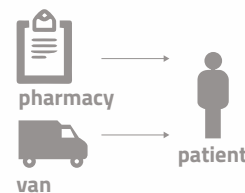
Compressor Box 14 Litre



TRANSPORTING YOUR PRODUCTS SAFELY **IN THE LAST MILE.**

The distribution volume in the cold chain shifts from a very large to a very small amount real quick. In order to secure the temperature in the very last stage, distribution to the patient, Veba MediTemp offers a small 14L Compressor Box. The box has a temperature range of -18°C to $+25^{\circ}\text{C}$, which makes it the only compressor box that is able to heat your products despite ambient conditions. Furthermore, the box is provided with a temperature display, digital controls and an alarm allowing calibration.

This professional cooler with compressor refrigeration technology allows **for safe transport of products, especially during the last mile.**



Accessories

TO OPTIMIZE THE COLD CHAIN,
VEBA MEDITEMP ALWAYS DELIVERS AN ENTIRE GDP
COMPLIANT SOLUTION.

All the solutions can be equipped with various available accessories to make sure all requirements are met.

- › Battery Power Pack
- › Data registration
- › Temperature validation
- › Dashboard display
- › And many more

VebaBox



Veba MediTemp

OVER 30 YEARS
OF EXPERIENCE IN COLD CHAIN

MISSION

Veba MediTemp aims to be a leading player in temperature controlled transportation; with custom-made, innovative and service friendly products at competitive rates.

VISION

Our vision is to be the number one choice for companies that are committed to temperature controlled transportation.





Future developments

Having a vital role in the cold chain, Veba MediTemp aims for continuous and radical innovations that guarantee the best product quality possible, always GDP compliant.

Therefore, Veba MediTemp is your best partner in temperature controlled transport.



ARE YOU ALSO AIMING FOR THE **BEST** COLD CHAIN?

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The benchmark
in cold chain



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Check out the new videos on the VebaBox website!